

Концевые всасывающие насосы PS, PC

Технические характеристики

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End Suction Pumps PSTC

End Suction Pumps

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
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APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.

USING LIMITS

-Liquid temperature between -10°C and +120°C

- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

PATENTS

-Registered model PST

-Registered Patent Design n 201530478502.0

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE <i>DE</i> <i>DESCARGA</i>	IMPELLER SIZE						
	<i>DEL IMPULSOR</i>						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	SS304	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron

MODEL MODELO	Power		us gpm l/min m³/h	Q= DELI VERY/ CAUDAL																		DN	
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	mm
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9															50x32
32-125/11	1.1	1.5		22	21	197	16.5	14.5	9														50x32
32-160/15	1.5	2		25.4	23.7	22.5	18.5	15.8															50x32
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30	3	4		35	343	34	28	25.5	19	15													50x32
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8													50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32
32-250/55	5.5	7.5		60	59.5	59	55	51	34.5														50x32
32-250/75	7.5	10		69.5	69	68.5	66	63	S3														50x32
32-250/110	11	15		90	89.5	89	82	79	66														50x32
32-250/55D	5.5	7.5		79.5	74.7	71.8	63	56	37.5														50x32
32-250/75D	75	10		95	93	91	83	76	57.8														50x32
40-125/11	1.1	1.5		14.7				13.5	11.5	10.1	5.8												65x40
40-125/15	15	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22	2.2	3		24.5				23.2	21.5	20.2	16	13	83										65x40
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5											65x40
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1										65x40
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30											65x40
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5										65x40
40-250/92	9.2	12.5		64				59	565	55	49.5	45	39.8										65x40
40-250/110	11	15		72				67.5	66	615	57.5	52.2	47										65x40
40-250/150	15	20		84.5				80	773	75.2	71	65	61										65x40
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5								65x50
50-125/30	3	4		20							18.8	18	17	1S.6	11								65x50
50-125/40	4	5.5		24							23.1	23	21.5	203	15.8	11.8							65x50
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92	92	12.5		50.5							46.8	45	43	40.9	32.5	267							65x50
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150	15	20		62							58	56.5	54.S	52	44.5	39	35.5						65x50
50-250/150	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47						65x50
50-250/220	22	30	89.5							86	85.3	84	81.5	73.5	65.5	57						65x50	
65-125/40	A	5.5	19									17.3	16.8	14.5	13	11.8						80x65	
65-125/55	5.5	7.5	23									213	20.9	19	17.5	16.7	13.7					80x65	
65-125/75	7.5	10	27									26	25.6	24.5	23	22.5	20	18				80x65	
65-160/92	9.2	12.5	33										31.5	30	28	27.1	24	21.S				80x65	
65-160/110	11	15	36										34.5	33	31.5	30.8	28	25.5				80x65	
65-160/150	15	20	42										41	40	38.5	37.8	35	33	29.5			80x65	
65-200/150	15	20	45										45.5	43	41	40.2	36.5	34				80x65	
65-200/185	18.5	25	52										52.3	51	49	48.2	44.5	42				80x65	

65-200/220	22	30	59												59.5	58	56	55	52	49.5	44.5				80x65
65-250/220	22	30	64.8												64.7	62	60	58.5	53	50					80x65
65-250/300	30	40	80												79.8	77.5	75.5	74.5	70	66	58				80x65
65-250/370	37	50	92												90.5	88.5	87	85	80.5	78	68				80x65
65-315/370	37	50	102												99.2	97	95	94.5	92.4	90	83				80x65
65-315/450	45	60	112												109.2	107.7	105.8	104.5	102.5	100	93	66			80x65
65-315/550	55	75	122												119.2	117.4	115.7	114.5	112.5	110	103	76			80x65
65-315/750	75	100	141												139.8	137.3	135.6	134.5	132.5	130	122	96	65.5		80x65
80-125/40	4	5.5	17												16.5	15.9	14.3	13.5	11.6	10	7.5				100x80
80-125/55	5.5	7.5	21												20.5	20	19	18	16.5	15	12.5	9.5			100x80
80-125/75	7.5	10	26												25	25	24.5	23.8	22.5	21.5	19.5	16.5			100x80

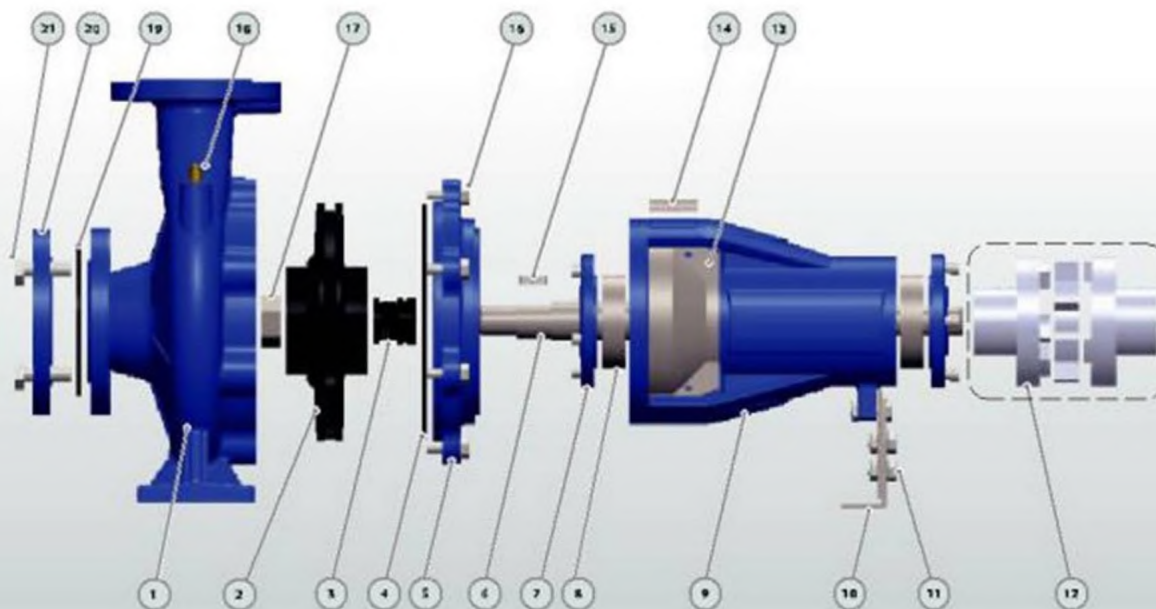
TECHICAL DATA/DATOS TECNICOS

50 HZ n=2900 1/min

MODEL MODELO	Power Potencia		us gpm l/min m³/h	Q=DELIVERY/ OU/DIXU																			DN mm
	kw	hp		0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	4405		
				0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666		
				0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000		
80-160/110	11	15		27	27	273	24.5	21.1	16													100x80	
80-160/150	15	20		32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100x80	
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	253	23.5											100x80	
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	303	28.5											100x80	
80-200/220	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5											100x80	
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80	
80-250/370	37	50		71.5	70.9	70.5	65.5	593	51	43.2	38.5											100x80	
80-250/450	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100x80	
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	683											100x80	
80-315/450	45	60		85	84	82.6	82	78	683	61	56											100x80	
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100x80	
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100x80	
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100x80	
100-160/150	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x100	
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x100	
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	253	22									125x100	
100-200/220	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x100	
100-200/300	30	40		44.5	42.5	42	40.2	38.8	36.7	342	33	31.7	29	217	18							125x100	
100-200/370	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x100	
100-250/450	45	60		65	65	64	63	61	58	56	55	533	50	39	33.5							125x100	
100-250/550	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59							125x100	
100-250/750	75	100		91	91	90.5	89.7	88	85.5	84	833	81.5	78	71.7	68.5	48						125x100	
100-315/550	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60						125x100	
100-315/750	75	100		100			99	97.4	95	94	93.5	93	913	88	86	80						125x100	
100-315/900	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98						125x100	
100-315/1100	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x100	

No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Selto Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sell - Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45H Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			

MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	15	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulse</i>	SSMM/Cast iron <i>Inox 304/Fundición</i>	9	Support Case <i>Cuerpo Soporte</i>	Cast iron <i>Fundición</i>	16	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carbon/SS304 <i>SiC-Grafito-Inox304</i>	10	Support Foot <i>Soporte Pie</i>	Iron <i>Hierro</i>	17	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	11	Foot Bolt <i>Perno</i>	Steel <i>Acero</i>	18	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	12	Coupling(Optional) <i>Unión(Opcional)</i>	Steel <i>Acero</i>	19	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
6	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45n Hierro</i>	13	Case Cover <i>Tapa Cuerpo</i>	SS304 <i>Inox304</i>	20	Counter Flange <i>Contra Bida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
7	Bearing Cover <i>Tapa Rodamiento</i>	Cast iron <i>Fundición</i>	14	Nameplate <i>Letrero</i>	Aluminum <i>Aluminio</i>	21	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>

PST

EN733 standard centrifugal pump

Bomba centrifuga normalizada EN733



NEW/NUEVO

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- Ambient temperature up to +50°C
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- Registered Patent Design n 201530478502.0

DISCHARGE E SIZE DE <i>DESCARGA</i>	IMPELLER SIZE <i>DEL IMPULSOR</i>						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	SS304	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron

MODEL MODELO	Power Potencia		US gpm l/min	Q=DEUVERY/CAUDAL																		DN	
				0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180		210
32-125/07 o	0.75	1	H(m)	17.5	16.7	15	12	9															50x32
32-125/11 o	LI	L5		22	21	19.7	16.5	14.5	9														50x32
32-160/15 •	L5	2		25.4	23.7	225	18.5	15.8															50x32
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30 •	3	4		35	34.3	34	28	25.5	19	15													50x32
32-200/30 •	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8													50x32
32-200/40 •	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32
32-250/55 •	5.5	7.5		60	59.5	59	55	53	49	46													50x32
32-250/75 •	7.5	10		75	74.5	74.3	73.5	72.5	68.5	67.3	60												50x32
32-250/110 •	11	15		90	87.5	85.8	82	79	75	72	65												50x32
32-250/55DO	5.5	7.5		79.5	77	74	70	66	54	42													50x32
32-250/75DO	7.5	10		95	93	91	87	83	75	70	32												50x32
40-125/11 o	LI	L5		14.7				13.5	11.5	10.1	5.8												65x40
40-125/15 o	L5	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22 ©	2.2	3		24.5				23.2	21.5	20.2	16	13	83										65x40
40-160/30 •	3	4		31.8				29.5	27.5	26.3	21.5	17.5											65x40
40-160/40 •	4	5.5		38				36	34	33	28.5	25	20.1										65x40
40-200/55 •	5.5	7.5		46				43.8	41.3	40.1	35	30											65x40
40-200/75 •	7.5	10		57				53.6	51.5	50	45	41	36.5										65x40
40-250/92 •	9.2	12.5		64				59	56.5	55	49.5	45	39.8										65x40
40-250/110 •	11	15		78				75	73	72	67	63	56	43									65x40
40-250/150 •	15	20		88.5				83.5	80.5	79	74	70.5	65	52									65x40
50-125/22 •	22	3		17							15.4	14	12.8	11.5	6.5								65x50
50-125/30 •	3	4		20							18.8	18	17	15.6	11								65x50
50-125/40 •	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8							65x50
50-160/55 •	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50
50-160/75 •	7.5	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92 •	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7							65x50
50-200/110 •	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150 •	15	20		62							58	56.5	54.5	52	44.5	39	35.5						65x50
50-250/150 •	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185 •	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47						65x50
50-250/220 •	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57						65x50
65-125/40 •	4	5.5		19									17.3	16.8	14.5	13	11.8						80x65
65-125/55 •	5.5	7.5		23									21.3	20.9	19	17.5	16.7	13.7					80x65
65-125/75 •	7.5	10		27									26	25.6	24.5	23	22.5	20	18				80x65
65-160/92 •	9.2	12.5		33										31.5	30	28	27.1	24	21.5				80x65
65-160/110*	11	15		36										34.5	33	31.5	30.8	28	25.5				80x65
65-160/150 •	15	20		42										41	40	38.5	37.8	35	33	29.5			80x65
65-200/150 •	15	20		45										45.5	43	41	40.2	36.5	34				80x65
65-200/185 •	18.5	25	52										52.3	51	49	48.2	44.5	42				80x65	
65-200/220 •	22	30	59										59.5	58	56	55	52	49.5	44.5			80x65	
65-250/220 •	22	30	64.8										64.7	62	60	58.5	53	50				80x65	
65-250/300 •	30	40	80										79.8	77.5	75.5	74.5	70	66	58			80x65	
65-250/370 •	37	50	92										90.5	88.5	87	85	80.5	78	68			80x65	
65-315/370 •	37	50	102										99.2	97	95	94.5	92.4	90	83			80x65	
65-315/450 •	45	60	112										109.2	107.7	105.8	104.5	102.5	100	93	66		80x65	
65-315/550 •	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-315/750 •	75	100	141										139.8	137.3	135.6	134.5	132.5	130	122	96	65.5	80x65	
80-125/40 •	4	5.5	17									16.5	15.9	14.3	13.5	11.6	10	75				100x80	
80-125/55 •	5.5	7.5	21									20.5	20	19	18	16.5	15	12.5	9.5			100x80	
80-125/75 •	7.5	10	26										25	25	24.5	23.8	22.5	21.5	16.5			100x80	

° = PST available ° = PS available • = PST&PS available/drspo/wb/e *

MODEL MODELO	Power Potencia		us gpm	Q=DELIVERY/C>4/(D>4E																	DN	
				0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524		4405
	l/min	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666			
		kw	hp	m ³ /h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000
80-160/110 •	11	15	H(m)	27	27	273	24.5	2L1	16													100x80
80-160/150 •	15	20		32.8	32.6	325	302	27	221	18.5	16.7											100x80
80-160/185 •	18.5	25		39	385	38	36.7	33.6	28.8	253	23.5											100x80
80-160/220 •	22	30		44	43.5	43	41.7	38.6	33.8	303	28.5											100x80
80-200/220 •	22	30		48	47.7	475	435	39.2	325	272	24.5											100x80
80-200/300 •	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80
80-250/370 •	37	50		7L5	70.9	70.5	65.5	59.3	51	432	38.5											100x80
80-250/450 •	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100x80
80-250/550 •	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	683											100x80
80-315/450 •	45	60		85	84	826	82	78	683	61	56											100x80
80-315/550 •	55	75		98	97	95.6	95	91	8L3	74	69											100x80
80-315/750 •	75	100		124	123	12L6	121	117	1073	100	95	90	80.8									100x80
80-315/900 •	90	125		144	143	14 L6	141	137	127.3	120	115	110	1003									100x80
100-160/150 •	15	20		35	335	325	30	27.8	24.5	21.5	20	183	15									125x100
100-160/185 •	18.5	25		38.5	375	36.5	343	32.2	29	25.7	24	22	18									125x100
100-160/220 •	22	30		43	41	40	37.6	35.2	3L5	28.5	27	253	22									125x100
100-200/220 •	22	30		38.5	36.7	35.7	333	3L7	28.5	26.8	26	25	22.9	163	13							125x100
100-200/300 •	30	40		44.5	42.5	42	402	38.8	36.7	342	33	3L7	29	2L7	18							125x100
100-200/370 •	37	50		55	53	51	50.6	49.2	47	45	44	42.8	405	328	29							125x100
100-250/450 •	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5							125x100
100-250/550 •	55	75		77	76	75.5	75	73.8	72	71.7	7L5	70.7	69	623	59							125x100
100-250/750 •	75	100		91	91	90.5	89.7	88	85.5	84	833	8L5	78	7L7	68.5	48						125x100
100-315/550 •	55	75		80			79	77.4	75	74	73.5	73	713	68	66	60						125x100
100-315/750 •	75	100		100			99	97.4	95	94	93.5	93	913	88	86	80						125x100
100-315/900 •	90	125		118			1165	114.7	112	111	110.8	110.5	108.7	106	104	98						125x100
100-315/1100 •	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x100
125-200/450 •	45	60		39.8			393	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25					150x125
125-200/550 •	55	75		49.8			493	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35					150x125
125-200/750 •	75	100		60.8			603	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46					150x125
125-250/550 •	55	75		70			67	65	64	63	62	61	59.5	57	56	53						150x125
125-250/750 •	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5					150x125
125-250/900 •	90	125		87			84	82	81	80	79	78	77	74.5	73.5	702	65.7					150x125
125-250/1100 •	110	150		97			94	92	91	90	89	88	87	84.6	83.9	80.4	76					150x125
125-315/900 •	90	125		89						87	86	85	83.7	8L5	81	77	74	61				150x125
125-315/1100 •	110	150	103						101	100	99	973	95.5	95	91.5	88.2	75.6				150x125	
125-315/1320 •	132	180	118						116	115	114	1125	110.5	110.3	106.5	103.2	91				150x125	
125-315/1600 •	160	220	138						136B	135.9	135	1337	131.5	131	127.5	124.2	112				150x125	
150-200/750 •	75	100	50								48	47.9	47.6	47.2	46.7	46.4	40.6	363	252		200x150	
150-200/900 •	90	125	56								54	53.9	53.6	53.2	52.7	524	48	423	312		200x150	
150-200/1100 •	110	150	65.2								62	61.7	6L2	60.8	593	59.2	572	S4	46		200x150	
150-250/1100 •	110	150	67												64.2	62	60.6	55.8	493	333	200x150	
150-250/1320 •	132	180	80.2												78.2	763	75	70.6	65	502	29.8	200x150
150-250/1600 •	160	220	90												88.4	87	86	82	772	62.4	42	200x150
150-315/1600 •	160	220	92												90	883	87.2	82.8	763	60.4		200x150
150-315/2000 •	200	270	111												110.6	108.7	107.4	103.4	982	83.4	622	200x150
150-315/2500 •	250	340	135												135.4	133.7	132.6	128.6	123.8	1102	91	200x150

• =PS available • = PST&PS available/disponible

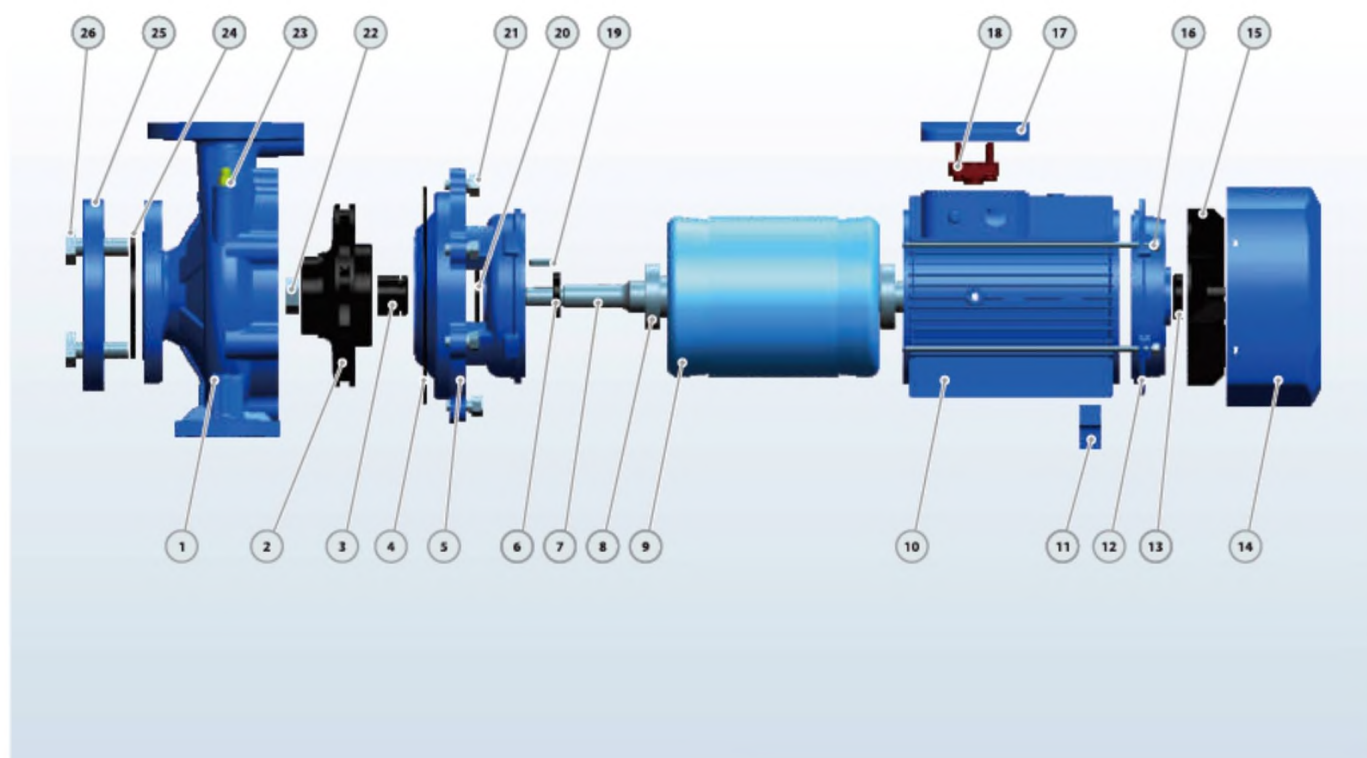
MODEL MODELO	Power Potencia		us gpm	Q=DELIVERY/C>iaEMF																	DN	
				0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881		1101
	l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4166			
	m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	mm		
65-160/11	•	L1	L5	8	7.5	7A	73	7	6.6	63	5.8	43	3.4								80x65	
65-160/15	•	15	2	9	8.5	8.4	83	8	7.6	7.4	6.9	6	4.6								80x65	
65-160/22	•	22	3	103	9.9	9.9	93	9.5	9.2	9	8.6	73	6.5	5							80x65	
65-200/15	•	15	2	10			9.6	9.1	8.5	8.2	7.6	6.4	4.6								80x65	
65-200/22	•	22	3	12.4			122	11.8	113	11	10.4	93	7.6								80x65	
65-200/30	•	3	4	14.4			143	133	13.4	13.1	125	113	9.6	7.5							80x65	
65-250/30	•	3	4	15.4			14.6	13.9	13.1	126	1L6	9.7	6.7								80x65	
65-250/40	•	4	5.5	19			183	173	17.2	16.9	16.1	14.4	1L7								80x65	
65-250/55	•	5.5	7.5	223			213	20.9	20.3	19.9	19.2	17.7	15.1	12							80x65	
65-315/40	♦	4	5.5	18.6			173	173	16.7	16.2	15.2	133									80x65	
65-315/55	•	5.5	7.5	221				212	20.6	20.2	19.2	173	14								80x65	
65-315/75	•	7.5	10	26.5				25.6	25.2	24.9	243	23	20.8	17.6							80x65	
65-315/110	•	11	15	34.8				342	33.9	33.7	33.2	321	30.2	27.4	25.6	23.7	18.7				80x65	
80-160/15	•	L5	2	72						7.1	6.9	6.4	5.5	4.6	4.1	3.5					100x80	
80-160/22	•	2.2	3	8.5						8.6	8.4	8	7.4	6.6	62	5.7	5				100x80	
80-200/30	•	3	4	1L2						11	10.7	10.1	9.2	8	73	6.6					100x80	
80-200/40	•	4	5.5	13.8						13.8	13.6	133	124	1L3	10.7	10	9				100x80	
80-250/40	•	4	5.5	16.5						16	15.6	143	13.2	1L4	102	9					100x80	
80-250/55	•	5.5	7.5	19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	1L1				100x80	
80-250/75	•	7.5	10	23.6						23.5	23.2	225	213	19.9	19	18.1	16				100x80	
80-250/110	•	11	15	27.6						27.5	27.2	26.5	253	23.9	23	221	20	15			100x80	
80-315/55	•	5.5	7.5	19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1				100x80	
80-315/75	•	7.5	10	24.6						23.9	23.6	23	2L9	20.4	195	18.6	163				100x80	
80-315/110	•	11	15	29.9						29.4	29.2	283	28.1	27	263	25.5	23.6	16.5	13.5		100x80	
80-315/150	•	15	20	36.8						36.4	36.1	35.6	34.7	33.6	33	324	30.9	253	23		100x80	
80-400/185	•	18.5	25	403						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	273	24.5		100x80	
80-400/220	•	22	30	45.1						44.6	44.5	442	43.6	426	42	4L4	39.8	33.4	30.7		100x80	
80*400/300	•	30	40	55.1						54.7	54.6	54.4	54	533	52.8	522	50.9	45.4	432		100x80	
100-160/22	•	22	3	5S						5.8	5.7	55	53	5	4.9	4.6	4.3				125x100	
100" 160/30	•	3	4	82						8.1	8	7.9	7.6	7.3	72	6.9	6.5	5.1			125x100	
100-160/40	•	4	5.5	10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	63		125x100	
100-200/40	•	4	5.5	11.8						1L7	1L6	11.4	11	10.5	103	9.7	9.1	63	5.9		125x100	
100-200/55	•	5.5	7.5	14.8						14.7	14.7	14.5	14.2	13.9	133	13.5	13	111	103		125x100	
100-250/55	•	5.5	7.5	15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	92	7.9		125x100	
100-250/75	•	7.5	10	19.5						19.5	19.4	192	18.8	183	18.1	17.6	16.9	14	12.7		125x100	
100-250/110	•	11	15	24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	1L4	125x100	
100-250/150	•	15	20	2T8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	232	221	14.9	125x100	
100-315/150	•	15	20	29.9							29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8	125x100	
100-315/185	•	18.5	25	35							34.4	342	33.8	33.5	333	328	32.2	30	29	224	125x100	
100-315/220	•	22	30	37							36.8	36.7	36.4	36.1	35.9	35.5	35.1	332	32.4	26.6	125x100	
100-315/300	•	30	40	42							4L8	41.7	4L4	4L1	40.9	40.5	40.1	382	37.4	3L6	125x100	
100-400/300	•	30	40	46.4								46	46	46	46	45	44	42	40	29.6	125x100	
100-400/370	•	37	50	5L8								513	5L2	5L1	51	50.5	49.5	475	46	37.3	125x100	
100-400/450	•	45	60	57.1								56.7	56.4	56.1	56	56	55	53	52	45	321	125x100

MODEL MODELO	Power Potencia		US gpm l/min	Q=DELIVERY/C>4a£ME																	DN
				0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
	kw	hp	m³/h	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000	mm
				0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	
125*200/55	5.5	7.5	H(m)	11.4	11.1	11.1	11	10.9	10.8	102	10	9.7	8.9	8.6	6.9						150x125
125-200/75	7.5	10		14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6						150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8					150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1							150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	153	117					150x125
125-250/150	15	20		23.2					23.3	23.1	23	229	22	22	19.8	16.5	123				150x125
125-250/185	18.5	25		25.6					25.5	255	25.4	253	24.9	24.7	23	203	16.5				150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	233	19.7	14.9				150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4				150x125
125-315/300	30	40		35.6							35.4	353	34.8	34.6	32.9	30.1	26.1				150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8			150x125
125-400/220	22	30		33.4						323	325	32.1	30.5	29.7	24.7	173					150x125
125-400/300	30	40		41						41	40.5	403	39.2	38.6	34.4	27.5	183				150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5				150x125
125-400/450	45	60		51.4						51	50.9	503	50.1	49.8	47	422	343				150x125
125-400/550	55	75		56.5						563	56.3	562	55.9	55.7	533	50.3	44.7	26.7			150x125
150-200/110	11	15		14								13.5	13.4	13.3	13.1	12.9	117	7.8			200x150
150-200/150	15	20		16.3								15.5	153	15.2	14.8	14.3	13.5	11.1			200x150
150-200/185	18.5	25		183								17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5										16.8	15.9	14.7	132	9.2			200x150
150-250/185	18.5	25		213										20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24										23.6	23	22	203	17.1	12		200x150
150-250/300	30	40		25.5										25	24.5	23.5	22	18.8	133		200x150
150-315/300	30	40		30.2										29.7	29	27.9	26.4	223			200x150
150-315/370	37	50		33.6										33.5	32.7	31.7	30.4	26.7	21.4		200x150
150-315/450	45	60		37.7										37.6	36.9	35.9	34.7	31.3	26.5		200x150
150-315/550	55	75		40										40	393	38.4	372	33.9	29.4		200x150
150-315/750	75	100		45										45	443	43.4	422	38.9	34.4	27	200x150
150400/550	55	75		48.2									47.7	48	46	45	42	36.8	292		200x150
150-400/750	75	100		55.4									55	55	54	53	51	47	41	322	200x150
150400/900	90	125		59.5									59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150		65.5									65	65	64	63	62	58	52	43.7	200x150

MODEL MODELO	Power Potencia		US gpm	Q=DELIVERY/C>4aEMF															DN
				0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075	5586		
	l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200	21133				
	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268	mm			
200-250/185 •	18.5	25	H(m)	15.7	15.3	14.8	13.7	122	10.6	8.9	6.8						250x200		
200-250/220 •	22	30		18.5		17.2	16.2	14.8	131	11.1	8.7						250x200		
200-250/300 •	30	40		231		21.5	20.5	19.4	175	16	13.6	10.8					250x200		
200-315/550 •	55	75		311		30.2	29.8	29.1	273	253	23	19.2	143				250x200		
200-315/750 •	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1				250x200		
200-315/900 •	90	125		421		413	41	403	39	36.9	34.1	30.4	26.1				250x200		
200-400/750 •	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5					250x200		
200-400/900 •	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9				250x200		
200-400/1100 •	110	150		524		522	51.9	51.2	50	48	45.1	41.2	36.2				250x200		
200-400/1320 •	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6			250x200		
250-315/550 •	55	75		261			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5		300x250		
250-315/750 •	75	100		35.4			35.2	34.7	33.3	32.5	30.4	28	25	21.3	16.4		300x250		
250-315/900 •	90	125		393			39.8	39.5	38.3	37.3	36	33.9	31	27.3	22.5		300x250		
250-400/1100 •	110	150		45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9	300x250		
250-400/1320 •	132	180		50.3			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5	300x250		
250-400/1600 •	160	220		56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250	

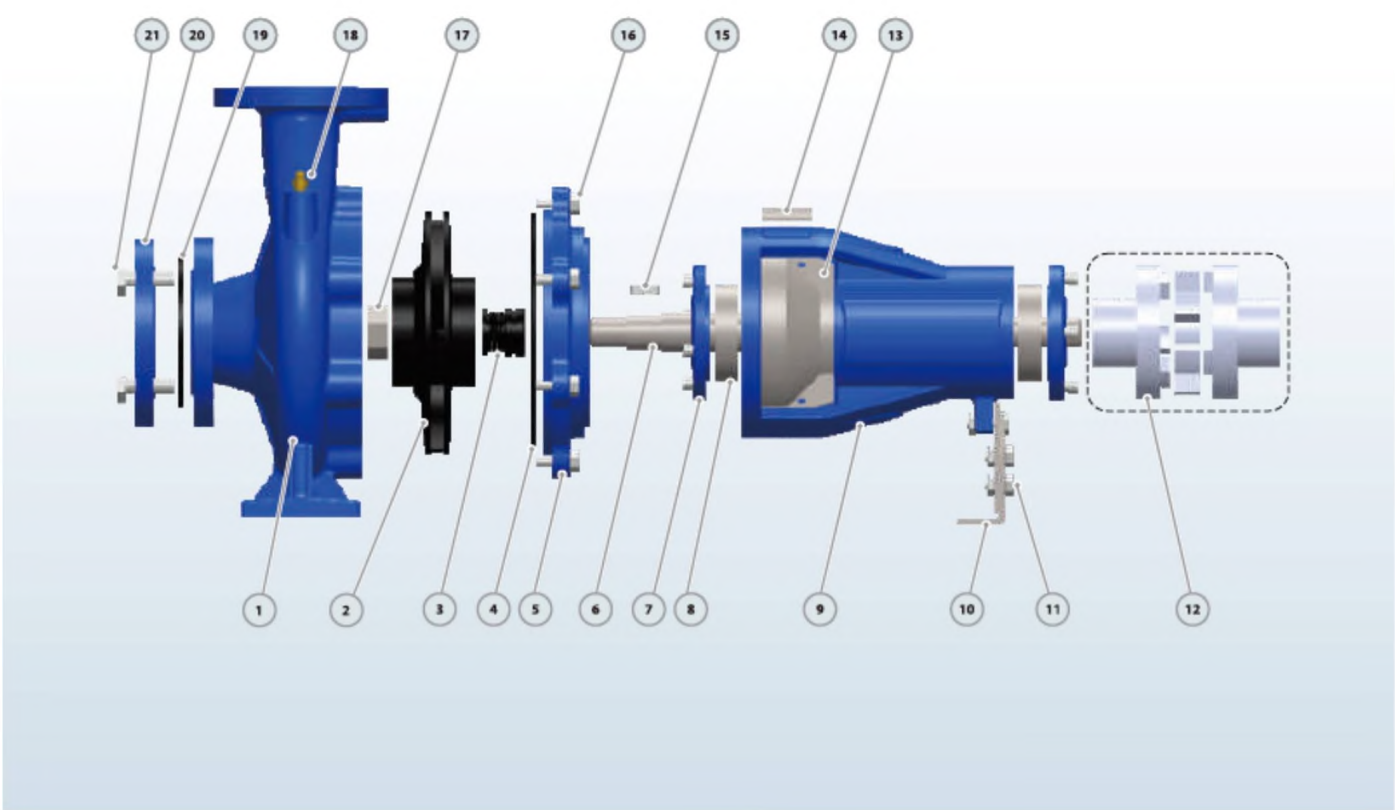
•=PS4 available/disponible

MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



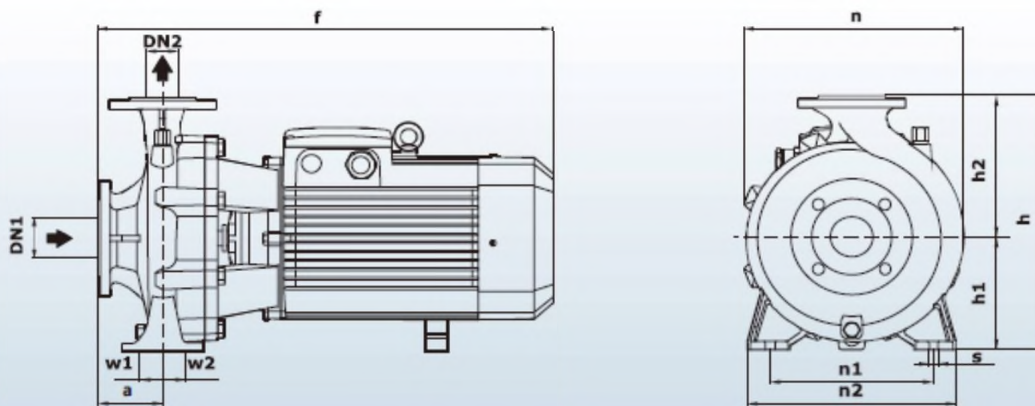
No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	10	Motor Case <i>Cuerpo de Motor</i>	Aluminum <i>Aluminio</i>	19	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulsor</i>	SS304/Cast iron <i>Inox 304/Fundición</i>	11	Support Foot <i>Soporte Pie</i>	Plastic <i>Plástico</i>	20	Water Deflector <i>Deflector</i>	Rubber <i>Caucho</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carbon/SS304 <i>SiC-Grafito-Inox304</i>	12	Back Cover <i>Tapa Trasera</i>	Cast iron <i>Fundición</i>	21	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	13	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	22	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	14	Fan Cover <i>Tapa Ventilador</i>	Aluminum <i>Aluminio</i>	23	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
6	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	15	Fan <i>Ventilador</i>	Plastic <i>Plástico</i>	24	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
7	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45# Hierro</i>	16	Through Bolt <i>Perno</i>	Steel <i>Acero</i>	25	Counter Flange <i>Contra Brida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	17	Terminal Box <i>Caja de Bornas</i>	Aluminum <i>Aluminio</i>	26	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>
9	Wound Stator/Rotor <i>Estator / Rotor</i>	Silicon Steel/Copper <i>Acero al Silicio/Cobre</i>	18	Terminal Board <i>Tablero de Bornas</i>	Plastic <i>Plástico</i>			

MMERIAL DESCRIPTION / DESCRIPCION DE MATERIAL

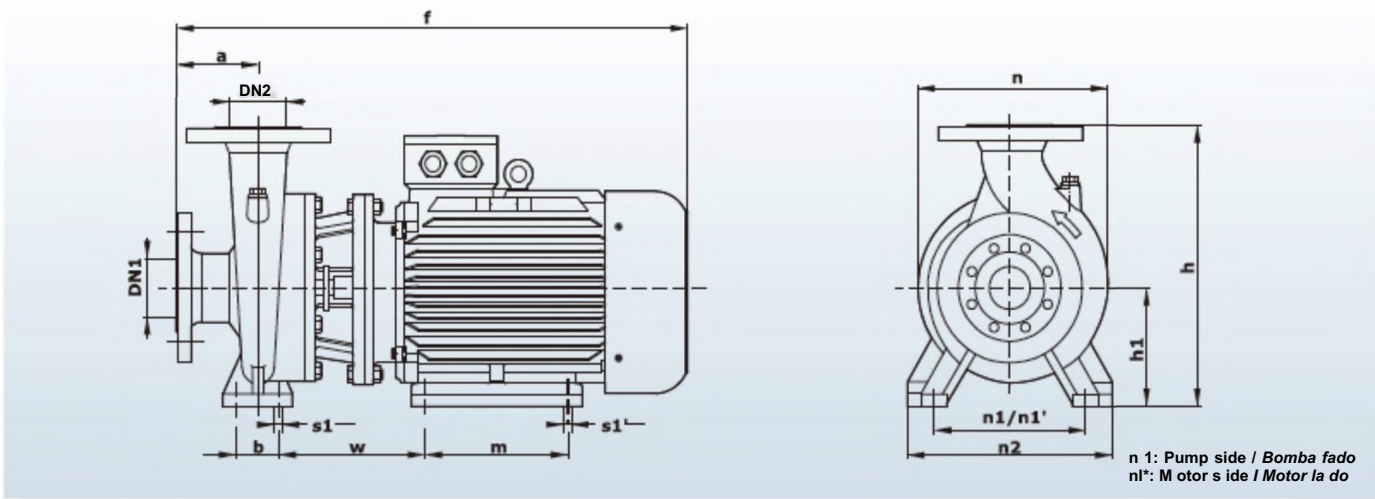


No.	Description	Material	No.	Description	Material	No.	Description	Material
	QEECDñEÜÜk	Material		Uejujwuiuk	Material		Qe&cfuuúoa	M arena/
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
	Cuerpo de Bomba	Fundición		RotiunisniQ,	Bola RodAmj&JiiQ		Q_tj0妨叙Impulsor	tijRJOQ,
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
	Impulsor	biQX,304^JUUiüÜM		Cuerpo Soporte	Fundición		Perno	Acero
3	Mechanical Seal	SJC/Carbon/SS304	10	Support Foot	Iron	17	Impeller Nut	GaJmizaUul Steel
	Cierre Mecánico	SiC-Grafito-Inox304		SQfiSUIAPie	litgg		lusiCA.de impuJsac	Acero Galvanizado
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
	Junta Tórica	Caucho		Eenia	Acexti		IAHÔR GAñiAdo,	Bronce
5	Connection	Cast iron	12	CoupBng(Optional)	Steel	19	Gasket	Rubber
	Conexión	Fundición		UntdnfQ^aöneJ)	Acem		Empaque	Caucho
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	GaUaniua如I Cast iron
	to	toe 304/45# ttaa		Tapa CLuex/za	Inox304		Contra Breda	Fundic細 (メ測扣血
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel
	Taps Rnfiamifinf...	Fundición		Letrero	Ahicnkijo.		Pezno. de Breda.	Anero.

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

[illegible]

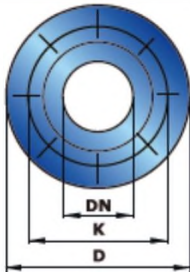
DIMENSIONS AND WEIGHT/ DIMENSIONES Y PESOS



MODEL/MODELO Three-phases Trifásico	DIMENSIONS 1 DIMENSIONES mm															kg
	DN1	DN2	a	f	h	hi	n	n1	nV	n2	b	w	m	s1	s1_	
65-250/220	80	65	116	870	420	180	369	260	279	320	70	246	241	18	15	210
65-25Q/300				990	456	195		250	318	327		293	305		19	230
65-25Q/370																240
80-200/220	100	80	118	880	460	250	360	279	260	258	95	246	241	20	15	212
80-200/300				950												222
80-250/370			130	980	537	250	490	318	310	228	305	229	311	19	19	245
80-250/450				1160												385
80-25(V550)				910												497
100-200/220	125	100	140	1025	530	225	422	324	318	402	115	248	241	18	15	217
100-200/300				1000												227
100-200/370				1180	580	250	418	310	406	402	95	325	349	20	19	250
100-250/450				1250												390
100-250/550																503
100-250/750																535

COUNTER FLANGE / CONTRABRIDA

DN	D mm	K mm	HOLES ORIHOOS	
			N	0mm
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	22
100	220	180		
125	250	210		
150	285	240		
200	340	295	12	26
250	405	355		



PIPE RECOMMEND / TUBERIA RECOMENDADA

SERIES SERIE	SUCTION ASPIRAadN	DISCHARGE IMPULSION	PIPE RECOMMEND TUBERIA RECOMENDADA	
			SUCTION ASPRADN	DISCHARGE IMPULSION
32	50mm	32mm	2"-3-	2--2'1//
40	65mm	40mm	3'-4-	2W
50	65mm	50mm	4"	r
65	80 mm	65mm	5 ^B	4-
80	100 mm	80mm	6'	5 ^B
100	125 mm	100 mm	8 ^B	6-
125	150 mm	125mm	10.	8"
150	200mm	150mm	12-	10-
200	250mm	200mm	14"	12.
250	300mm	250mm	16-	14-

MODEL MODELO	DIMENSIONS / DIMENSIONES mm																					kg
	DN1	DN2	a	f	hi	h2	b	ml	m2	rd	n2	s1	s2	w						x	d	
32-160	50	32	80	3	1	32	55	9	70	24	0	0	0	4	14	14	14	14	100	24	50	113
32-200	50	32	80	3	1	32	55	95	70	24	0	0	0	14	14	14	14	260	100	24	50	117
32-250	50	32	80	3	1	32	55	95	70	24	0	0	0	14	14	14	14	260	100	24	50	117
40-160	65	40	80	3	1	32	55	95	70	24	5	21	0	14	14	14	14	260	100	24	50	117
40-200	65	40	80	3	1	32	55	95	70	26	0	21	0	14	14	14	14	260	100	24	50	117
40-250	65	40	80	3	1	32	55	95	70	26	0	21	0	14	14	14	14	260	100	24	50	117
50-125	65	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	58
50-160	65	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	30
50-200	80	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	35
50-250	80	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	45
65-125	65	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	50
65-160	65	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	42
65-200	65	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	5
65-250	65	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	3
65-315	65	40	80	3	1	32	55	95	70	26	5	21	0	14	14	14	14	260	100	24	50	113
80-125	100	80	100	5	2	225	80	160	1	40	0	31	5	18	14	14	14	340	140	32	80	150
80-160	100	80	100	5	2	225	80	160	1	40	0	31	5	18	14	14	14	340	140	32	80	8
80-200	100	80	100	5	2	225	80	160	1	40	0	31	5	18	14	14	14	340	140	32	80	8
80-250	100	80	100	5	2	225	80	160	1	40	0	31	5	18	14	14	14	340	140	32	80	8
80-315	100	80	100	5	2	225	80	160	1	40	0	31	5	18	14	14	14	340	140	32	80	116
80-400	125	100	125	5	2	280	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	178
100-160	125	100	125	5	2	280	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	112
100-200	125	100	125	5	2	280	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	112
100-250	125	100	125	5	2	280	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	152
100-315	125	100	125	5	2	280	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	200
100-400	125	100	125	5	2	280	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	166
125-200	150	125	140	470	250	315	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	180
125-250	150	125	140	470	250	315	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	186
12M1S	150	125	140	470	250	315	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	228
125-400	200	125	140	530	280	355	80	160	1	50	0	31	5	19	14	14	14	370	140	32	80	230
150-200	200	150	160	470	280	400	100	160	1	50	0	31	5	19	14	14	14	370	140	32	80	234
150-250	200	150	160	470	280	400	100	160	1	50	0	31	5	19	14	14	14	370	140	32	80	363
15M1S	200	150	160	470	280	400	100	160	1	50	0	31	5	19	14	14	14	370	140	32	80	316
15M1S	250	150	160	530	280	400	100	160	1	50	0	31	5	19	14	14	14	370	140	32	80	400
15M1S	250	150	160	530	280	400	100	160	1	50	0	31	5	19	14	14	14	370	140	32	80	400
15M1S	250	150	160	530	280	400	100	160	1	50	0	31	5	19	14	14	14	370	140	32	80	400
200-250	300	200	180	530	355	475	21	300	1	50	0	31	5	19	14	14	14	370	140	32	80	400
200-315	300	200	180	530	355	475	21	300	1	50	0	31	5	19	14	14	14	370	140	32	80	400
200-400	300	200	180	530	355	475	21	300	1	50	0	31	5	19	14	14	14	370	140	32	80	400
250-315	250	250	250	530	400	500	10	300	1	50	0	31	5	19	14	14	14	370	140	32	80	400
250-400	250	250	250	530	400	500	10	300	1	50	0	31	5	19	14	14	14	370	140	32	80	400



End Suction Pumps PS

Series End Suction Centrifugal Pump With High Quality

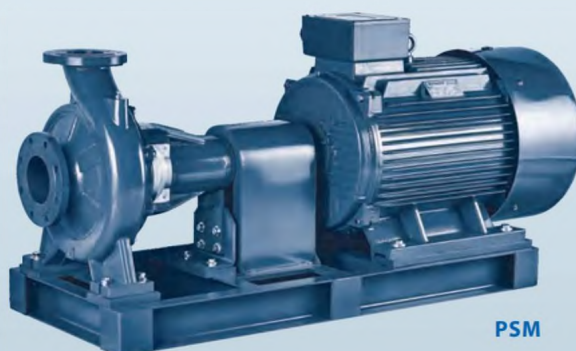


Clean Civil Industry Fire

PS nss2900rpm End suction centrifugal pump Bomba centrífuga de succión final Pompe centrifuge aspiration finale



PS



PSM

低 W INUEVO/NOUVEAU

DESCRIPTION/DESCRIPCIONES/DESCRIPTION

强

- ◆ Complete range with a full series of end suction pumps
- ◆ Original design by PURITY (Patent no.201530478502.0)
- ◆ Outstanding reliability for operation in any application
- ◆ YE3 high efficient motor, with protection IP55 class F
- ◆ Pump case with anti-corrosive coating
- ◆ Customize casting logo on the bearing house as request
- ◆ Quality NSK bearing, wear resistance mechanical seal



- ◆ Gama completa con una serie completa de bombas
- ◆ Diseño original de PURITY (Patente no.201530478502.0)
- ◆ Excelente fiabilidad para cualquier aplicación
- ◆ Motor de eficiencia YE3 con Protección IP55 clase F
- ◆ Cuerpo de bomba con tratamiento anti-corrosión
- ◆ Personalizar el logotipo de fundición en la caja como solicitud
- ◆ Rodamiento de marca NSK y de sello mecánico personalizado



- ◆ Gamme complète avec une série complète de pompes
- ◆ Design original par PURITY (Brevet no.201530478502.0)
- ◆ Fiabilité exceptionnelle pour n'importe quelle application
- ◆ Moteur haute efficacité YE3, avec protection IP55 classe F
- ◆ Boîtier de pompe avec revêtement anti-corrosif
- ◆ Personnalisez le logo de coulée sur le palier comme demandé
- ◆ Roulement NSK qualité, joint mécanique de résistance à l'usure

KPPUCPJIO^S/APLICaONES/APPLICATIONS



The impressive range end-suction pumps is compatible with an array of application areas, including water intake, heating, industrial pressure boosting, industrial liquid transfer, air-conditioning, district cooling, irrigation, fire fighting and many more.



La impresionante gama de bombas de succión final es compatible con una variedad de áreas de aplicación, que incluyen la toma de agua, calefacción, aumento de la presión industrial, transferencia de líquido industrial, aire acondicionado, refrigeración urbana, riego, extinción de incendios y muchos más.



La gamme impressionnante de pompes à aspiration finale est compatible avec un large éventail de domaines d'application, notamment prise d'eau, chauffage, surpression industrielle, transfert de liquide industriel, climatisation, refroidissement en t urbain, l'irrigation, lutte contre l'incendie et bien d'autres.

USING LIMITS/UMITES UTIUZACION/UTIUSATION LIMITES

- ◆ Liquid temperature between -10°C and +120°C
 - ◆ Ambient temperature between -10°C and +50°C
 - ◆ Max. working pressure 20 bar
 - ◆ Continuous service S1



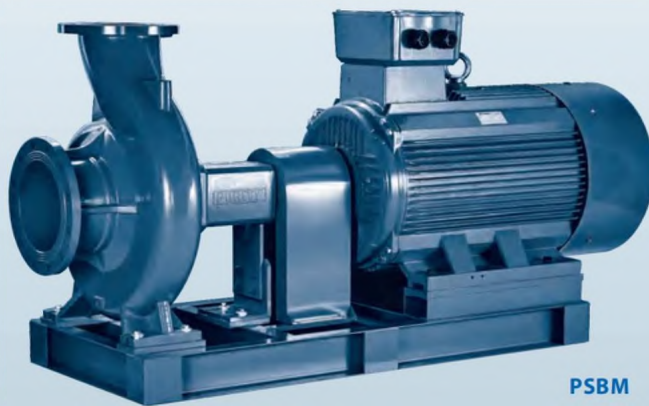
- ◆ Temperatura del líquido de -10 °C hasta +120 °C
 - ◆ Temperatura ambiente de -10 °C hasta +50°C
 - ◆ Presión máxima en el cuerpo de la bomba 20 bar
 - ◆ Funcionamiento continuo S1



- ◆ Température du liquide entre -10 °C et +120 °C
 - ◆ Température ambiante entre -10 °C et +50 °C
 - ◆ Max. pression de service 20 bar
 - ◆ Service continu S1



PSB



PSBM

MODEL CODE/CODIGO MODELO/CODE MODELE

For example/Por ejemplo/Par exemple

PS (PSM) 50-250/220

t-220=Rated power(kw)x10
Potencia nominal(kw)x 10
Puissance nominale (kw) x 10

250=Nominal impeller size(mm)
Tamaho nominal del impulsor (mm)
Taille nominale de la roue (mm)
250H=High flow type
Type de caudal grande
Type d haut d谷 bit

50=Discharge/Descarga/Decharge(mm)

PSM=End suction pump with motor&base
Bomba con motory base
Pompe avec moteur et base

PSBM=End suction pump with motor&base
(in type B bearing house)
Bomba con motory base
(en soporte de rodamiento tipo B)
Pompe avec moteur et base
(dans une maison de roulement de type B)

PS=End suction pump only
Solo bomba
Pompe uniquement

PSB=End suction pump only
(in type B bearing house)
Solo bomba
(en soporte de rodamiento tipo B)
Pompe uniquement
(dans une maison de roulement de type B)

TECHNICAL SHEET/HOJXI TÉCNICA/FICHE TECHNIQUE

Model/Modelo/Modèle	PS	
Capacity/Caudal/Debit	0-1000	m³/h
Head /Altura/Hauteur	0-164	m
DN	32-150	mm
Speed/Velocidad/Vitesse	2900	rpm
T max	120	°C
Power/Potencia/Puiss.	1.5-315	kW
Casing/Cuerpo/Corps	Grey cast iron Hierro fundido gris Fontegrise	
Impeller/Impulsor/Roue	Cast iron/AISI 304/Brass Hierro fundido/Inox304/Bronce Fonte/Inox 304/Laiton	
Shaft/Eje/Arbre	45# steel/AISI304 45 # acero/Inox304 45 # acier/Inox 304	
Shaft seal/Sello/Scelle	Mechanical Seal Sello mecánico Garniture mecanique	
Bearing/Rodamiento/Palier	Grease lubrication rolling bearing Rodamientos lubricados con grasa Roulement lubrification a la graisse	

50 Hz n=2900 1/min

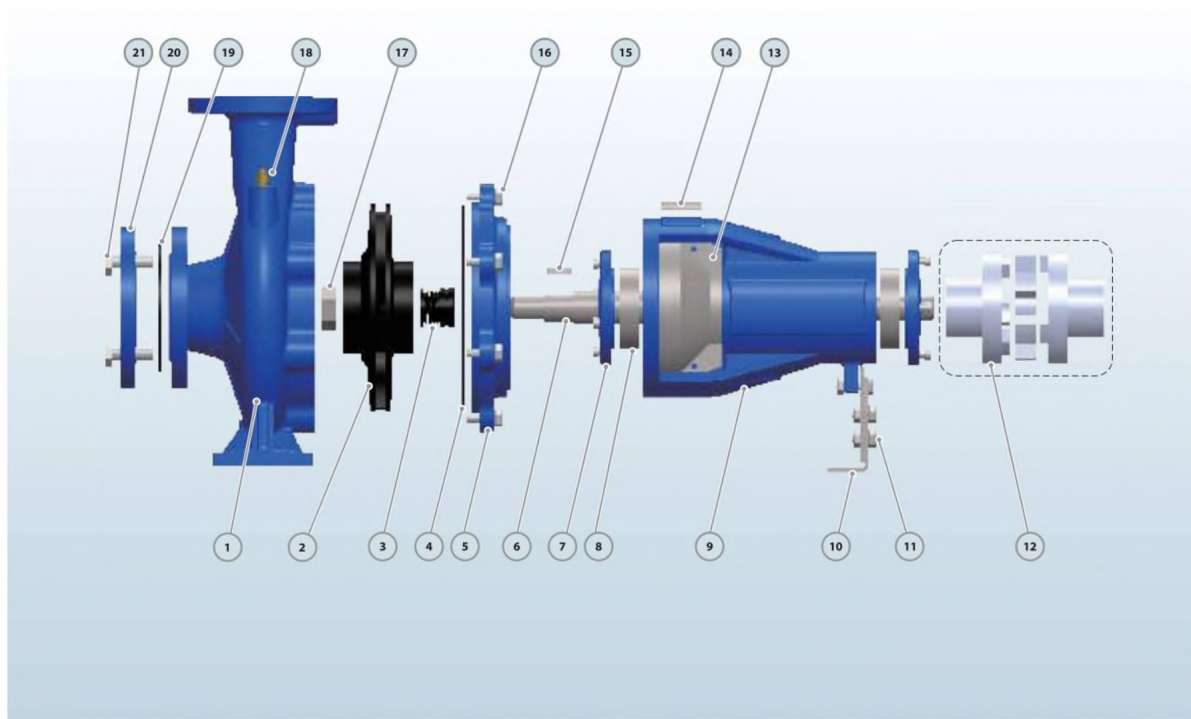
Performance curve in *page*/Curva en *pdgina*/Courbe en *page* 112-131

TECHNICAL DATA/DITOS TÉCNICOS/DONNEES TECHNIQUES

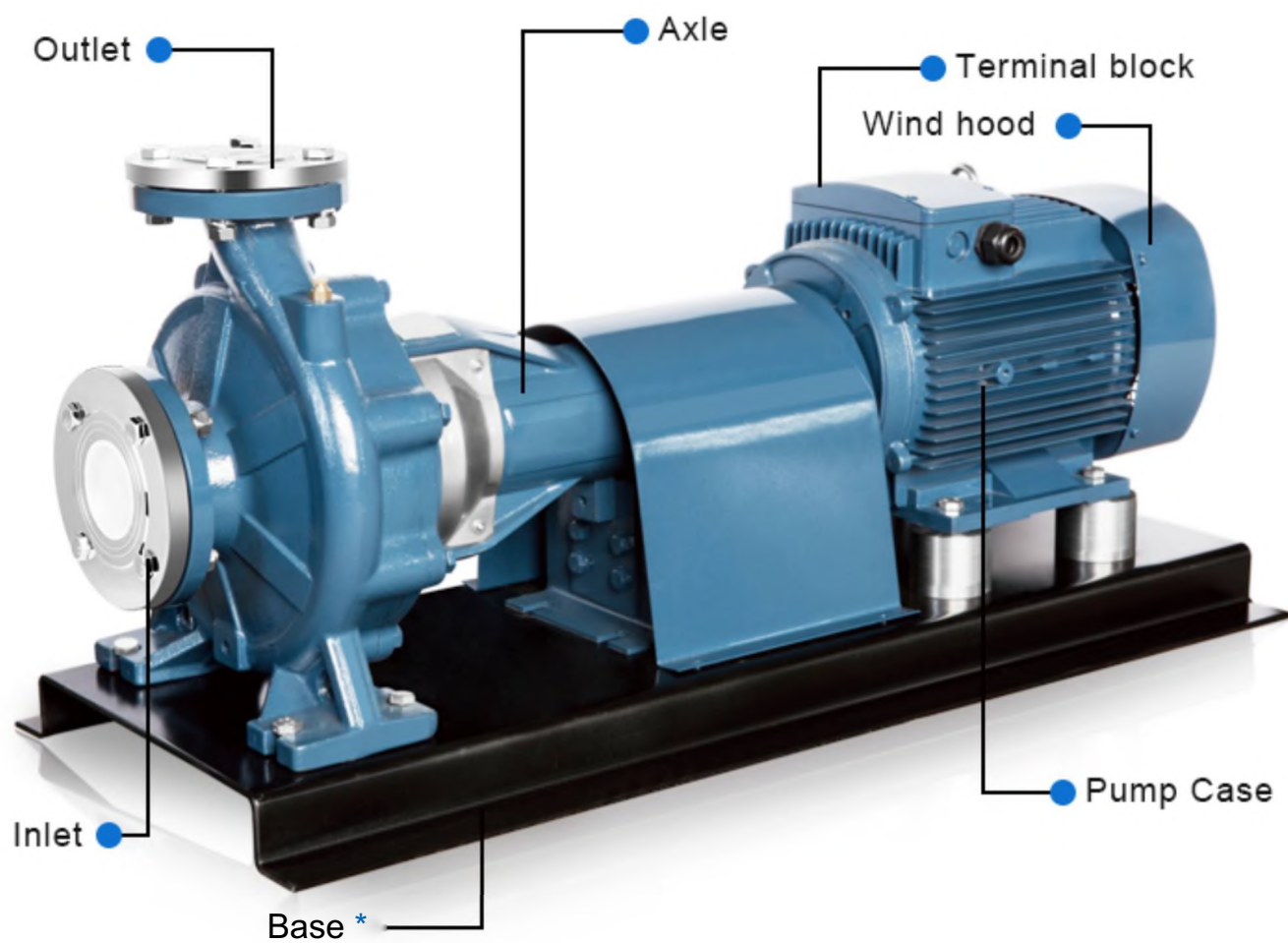
50 Hz n=2900 1/min

MODEL MODELO MODELE	DN mm	Implr 0 mm	Power Potencia Puissance kw hp	Q=DELIVERY/CAUDAL/D*B/T																		2203				2643 2907 3524 4405			
				gpm 0 264 396 529 634 793 881 925 1 969 1057 1233 1322 1586 1762																		8333				10000 11000 13333 16667			
				/min 01000 1500 2000 2400 3000 3333 3500 3667 4000 4667 5000 6000 6667																									
				n³/h 0 60 90 120 144 180 200 210 220 240 280 300 360 400 500 600 660 800 1000																									
PS 80-160/110	100x80	160	IF IT	28	27	27.3	24.5	21.1	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-160/150	100x80	168	15 IO	34	32.6	32.5	30.2	~27	22T	18.5	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-160/185	100x80	180	18.5 25	39	38.5	38	36.7	33.6	28.8	25.3	23.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-160/220	100x80	190	22 30	44	43.5	43	41.7	38.6	33.8	30.3	28.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-200/220	100x80	190	22 30	48	47.7	47.5	43.5	39.2	32.5	27.2	24.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-200/300	100x80	^15	30 40^	60	59.7	59.5	57	53.1	47	42.7	40.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-250/370	100x80	226	37 50	71.5	70.9	70.5	65.5	59.3	51	43.2	38.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-250/450	100x80	240	45 60	88	86.7	86	83.6	78.5	70.5	60 ~51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-250/550	100x80	258	55 75	94.5	94.5	94.5	91.8	87	79.5	72.1	68.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-250/750	100x80	276	75 100	108.5	108.5	108.5	105.3	101	93.5	86.1	82.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-315/450	100x80	255	45 60	85	84	82.6	82	78	68.3	61	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-315/550	100x80	270	55 75	98	97	95.6	95	91	81.3	74	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-315/750	100x80	295	75 100	124	123	121.6	121	117	107.3	100	95	90	80.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-315/900	100x80	320	90 125	144	143	141.6	141	137	127.3	120	115	110	100.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 80-315/1100	100x80	328	110 150	153	152	150.6	150	146	136.3	129	124	119	109.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-160/150	125x100	167	TT ~20	35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-160/185	125x100	176	18.5 25	38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-160/220	125x100	190	22 ~30	43	41 po	37.6	35.2	31.5	28.5	27	25.3	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-200/220	125x100	185	22 30	38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-200/300	125x100	195	To 40	44.5	42j	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-200/370	125x100	208	37 50	55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-200/450	125x100	218	15 60	59	57	56.6	55.2	53	51	50	48.8	46.5	38.8	35	-	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-250/450	125x100	220	45 60	65	65	64	63	61	58	56	55	53.3	50	39	33.5	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-250/550	125x100	240	55 ^5	77	76	75.5	75	71.8	i	71.7	71.5	70.7	69	62.3	59	-	-	-	-	-	-	-	-	-	-	-	-		
PS 100-250/750	125x100	257	75 100	91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48	-	-	-	-	-	-	-	-	-	-	-		
PS 100-250/900	125x100	270	90 125	100	100	99.5	98.7	97	94	91	93	92.3	90.5	87	80.7	77.5	57	-	-	-	-	-	-	-	-	-	-		
PS 100-315/750	125x100	255	75 100	80	-	-	78.5	76.7	74	73	72.8	72.5	70.7	68	64	52	-	-	-	-	-	-	-	-	-	-	-		
PS 100-315/900	125x100	280	90 125	100	-	-	98.5	96.7	94	93	92.8	92.5	90.7	88	84	72	-	-	-	-	-	-	-	-	-	-	-		
PS 100-315/1100	125x100	300	110 150	118	-	-	116.5	114.7	112	111	110.8	110.5	108.7	106	102	90	-	-	-	-	-	-	-	-	-	-	-		
PS 100-315/1320	125x100	315	132 180	129	-	-	127.5	125.7	123	122	121.8	121.5	119.7	117	112	101	-	-	-	-	-	-	-	-	-	-	-		
PS 100-315/1600	125x100	328	160 220	148	-	-	146.5	144.7	142	141	140.8	140.5	138.7	136	132	120	-	-	-	-	-	-	-	-	-	-	-		
PS 125-200/450	150x125	190	~45~60	397	-	-	39.3	39.2	~3T	38.9	38.9	38.8	37.5	~3T	34	28.6	25	-	-	-	-	-	-	-	-	-	-		
PS 125-200/550	150x125	205	55 75	50.5	-	-	49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35	-	-	-	-	-	-	-	-	-	-		
PS 125-200/750	150x125	218	75 100	61.5	-	-	60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46	-	-	-	-	-	-	-	-	-	-		
PS 125-250/550	150x125	240	55 75	70	-	-	67	66	64	63	62	61	59.5	54	50.5	-	-	-	-	-	-	-	-	-	-	-	-		
PS 125-250/750	150x125	^55	~75 100	80	-	-	76.5	75.5	74	73	72	71.5	70	67	65	56	-	-	-	-	-	-	-	-	-	-	-		
PS 125-250/900	150x125	265	90 125	87	-	-	84	82.5	81	79.5	79	78	77	73.5	71.5	65	60	-	-	-	-	-	-	-	-	-	-		
PS 125-250/1100	150x125	274	110 150	97	-	-	94	92.8	91	90	89.3	88.7	87.4	84	83.5	76	71	-	-	-	-	-	-	-	-	-	-		
PS 125-250H/900	150x125	220	90 125	63.2	-	-	62.4	62	61.6	61.2	61.2	61.2	60.8	60	59.6	57.2	55.2	472	-	-	-	-	-	-	-	-	-		
PS 125-250H/1100	150x125	240	150 ~74~	-	-	-	73.2	72.8	72.4	72	72	72	71.6	70.8	70.4	68	66	58	49.6	-	-	-	-	-	-	-	-		
PS 125-250H/1320	150x125	260	132 180	84	-	-	83.2	82.8	82.4	82	82	82	81.6	80.8	80.4	78	76	68	59.6	-	-	-	-	-	-	-	-		
PS 125-250H/1600	150x125	280	160 220	98	-	-	97.2	96.8	96.4	96	96	96	95.6	94.8	94.4	92	90	82	73.6	67.6	-	-	-	-	-	-	-		
PS 125-315/1320	150x125	280	132 180	96	-	-	-	-	-	95.2	95.1	95	94.8	94	93.5	91.8	88.5	76	-	-	-	-	-	-	-	-	-		
PS 125-315/1600	150x125	29T	160^ 220	112	-	-	-	-	-	112	111.1	111	110.8	110	109.5	107.8	306^	975	80	-	-	-	-	-	-	-	-		
PS 125-315/1850	150x125	310	185 250	125	-	-	-	-	-	124.2	124.1	124	123.8	123	122.5	120.8	119	109	90	-	-	-	-	-	-	-	-		
PS 125-315/2000	150x125	328	200 270	136	-	-	-	-	-	135.2	135.1	135	134.8	134	133.5	131.8	130	120	101	-	-	-	-	-	-	-	-		
PS 150-200/750	200x150	~20S	75 100	~50	-	-	-	-	-	-	-	-	48	47.9	47.6	47.2	45.8	44.6	41	35.5	30.5	-	-	-	-	-	-		
PS 150-200/900	200x150	217	90 125	56	-	-	-	-	-	-	-	-	54	53.9	53.6	53.2	52.7	~52A	48	42.8	39.2	30	-	-	-	-			
PS 150-200/1100	200x150	235	110 150	65.2	-	-	-	-	-	-	-	-	62	61.7	61.2	60.8	59.8	59.2	57.2	54	51.6	42	-	-	-	-			
PS 150-200/1320	200x150	245	132 180	71	-	-	-	-	-	-	-	-	68.5	67.7	67.2	66.8	65.8	65.2	632	60	57.6	48	-	-	-	-			
PS 150-200/1600	200x150	258	160 220	77	-	-	-	-	-	-	-	-	74	74	73.2	72.8	71.8	71.2	69.2	66	63.6	54	-	-	-	-			
PS 150-250/1100	200x150	24f	110 350	67	-	-	-	-	-	-	-	-	-	-	-	-	61.7	^0^	KJ	5L8	48	328	-	-	-	-	-		
PS 150-250/1320	200x150	265	132 180	80.2	-	-	-	-	-	-	-	-	-	-	78	76.3	73.5	70	65	62	53	37.8	-	-	-	-			
PS 150-250/1600	200x150	280	160 ^20	90	-	-	-	-	-</																				

MATERIAL DESCRIPTION/DESCRIPCION DE MATERIAL/DESCRIPTION DU MATERIEL



No.	Description Descripción Description	Material Material Matériel	No.	Description Descripción Description	Material Material Matériel	No.	Description Descripción Description	Material Material Matériel
1	Pump Case Cuerpo de Bomba Boîtier de pompe	Cast iron Fundición Fonte	8	Bearing Rodamiento Palier	Ball Bearing Bola Rodamiento Roulement à billes	15	Impeller Key Chaveta Impulsor Clé de roue	Iron Hierro Le fer
2	Impeller Impulsor Roue	SS304/Cast iron Inox304/Fundición Inox304 / Fonte	9	Support Case Cuerpo Soporte Cas de support	Cast iron Fundición Fonte	16	Connection Bolt Perno Boulon de connexion	Steel Acero Acier
3	Mechanical Seal Cierre Mecánico Gamiture mécanique	SiC/Carbon/SS304 SiC/Grafito/Inox304 SiC/Carbon/Inox304	10	Support Foot Soporte Pie Pied de support	Iron Hierro Le fer	17	Impeller Nut Tuerca de Impulsor Écrou de roue	Galvanized Steel Acero Galvanizado Acier Galvanisé
4	O-ring Junta Tórica Joint torique	Rubber Caucho Caoutchouc	11	Foot Bolt Perno Boulon de pied	Steel Acero Acier	18	Release Valve Tapón Cebado Soupape de décharge	Brass Bronce Laiton
5	Connection Conexión Lien	Cast iron Fundición Fonte	12	Coupling(Optional) Unión(Opcional) Accouplement (facultatif)	Steel Acero Acier	19	Gasket Empaque Joint	Rubber Caucho Caoutchouc
6	Shaft Eje Arbre	SS304/45# Steel Inox304/45# Hierro Acier Inox304/ 45 #	13	Case Cover Tapa Cuerpo Housse de protection	SS304 Inox304 Inox304	20	Counter Flange Contra Brida Contre bride	Galvanized Cast iron Fundición Galvanizado Fonte Galvanisée
7	Bearing Cover Tapa Rodamiento Couvercle de palier	Cast iron Fundición Fonte	14	Nameplate Letrero Plaque signalétique	Aluminum Aluminio Aluminium	21	Flange Bolt Perno de Brida Boulon à bride	Steel Acero Acier



ADVANTAGES



Eight Characteristics



Energy-saving
Certificate



Large Flow
Capacity



YE3 Motor IP55 ClassF
All Copper Wire



Stainless Steel 304
Impeller & Shaft



Anti-corrosive
Coating



NSK
Bearing



Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee



End Suction Pumps PC

Monoblock Pump Centrifugal Pump Fire Fighting Pump from PURITY

TECHNICAL DESCRIPTION

- New thread port centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in brass or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Suction and discharge port in G20 thread
- Quality NSK bearing, wear resistance mechanical seal

Product Description

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New thread port centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
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Shaft in stainless steel AISI 304 or galvanized iron
Suction and discharge port in G20 thread
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

The high efficiency and continuous duty capabilities makes these pumps ideal for use in activities such as flood and spray irrigation, drawing water from lakes, rivers and wells, or for any number of different industrial applications where the characteristics of high flow rates and mid to low head are required. Suitable for use in civil and agricultural applications.

USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

PATENTS

Registered model PC
Registered Patent Design n° 201530476290.2

TECHNICAL DATA

TECHNICAL DATA / DATOS TÉCNICOS

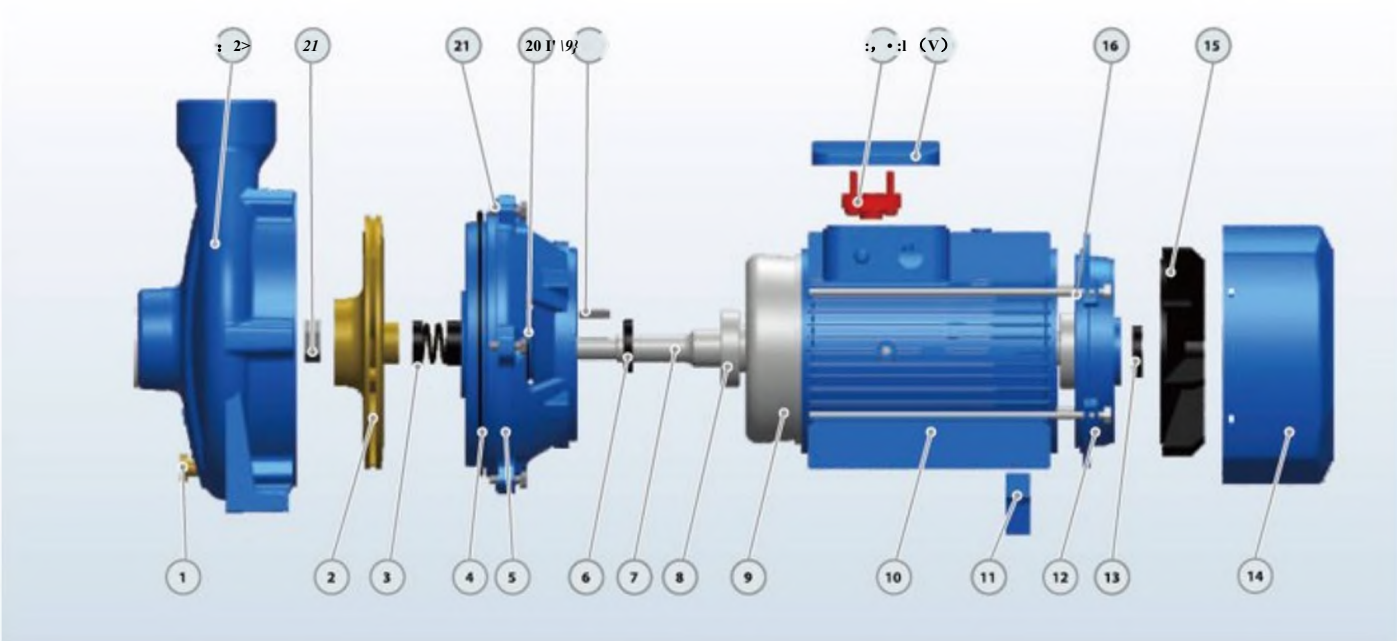
50 Hz n=29001/min

MODEL MODELO	Power Potencia		Vtnin	Q»DELIVERY / CAUDAL																				DN		
	kw	hp		m³/h	0	100	150	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1400	1500	1800		2000	2300
					0	6	9	12	15	18	21	24	30	36	42	43	54	60	66	72	84	90	108		120	136
PC 5B	0.75	1	H(m)	17.9	16.4	16.5	15	14	13.5	11.4	9.5	5													50x50	
PC 5BM	1.1	L5		20.2	192	19	18	17	16	14	12	7.5													50x50	
PC 5AM	1.5	2		22.5	22	21.5	21	20	18.5	16.6	14.5	10													50x50	
PC 220C	2.2	3		32	31	30.S	30	29	28	26	24	21													50x50	
PC 220B	3	4		38	37	36.5	36	34.8	315	31.2	29	25													50x50	
PC 680C	4	5.5		52	SI	S0.8	50.3	49	47.5	45	43	40													50x50	
PC 6SOB	5.5	7.5		61	60	59.5	59	58.S	57	5S	52.5	50													50x50	
PC 6C	1.1	L5		11.9			117	ILS	11.3	11	10.7	10.2	9.2	8	6.7	5	3								SOxSO	
PC6B	1.5	2		14.7				14.5	14.3	14	13.8	13.5	12.8	12	11	9.7	8.2	6.7	5						50x50	
PC6A	2.2	3		18.5				18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	105	8.3	6					80x80	
PC6H	3	4		21.5				21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	135	11.2	9					80x80	
PC 560C ★	4	5.5		25										24.1	24	22.5	21.3	193	18.3	16.8	12名				80x80	
PC S60B ★	5.5	7.5		32										30.6	30	28	26.6	243	22.7	20.5	14B				80x80	
PC 560A *	7.5	10		40										38	37	36	34.4	32^	30.8	29	24	21			80x80	
PC8C	2.2	3		18.5				18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	105	8.3	6					100x100	
PC8B	3	4		21.5				21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	135	11.2	9					100x100	
PC 62SC	4	5.5		19												17.3	16.8	155	15	14.5	13	11.8			100x100	
PC 625B ★	5.5	7.5		23												21.3	20.9	203	19.7	19	17.5	16.7	13.7		100x100	
PC 625A ★	7.5	10		27												26	25.6	252	24.8	24.5	23	225	20	18	100x100	
PC 660D ★	9.2	12.5		33													31.5	31	30.5	30	28	27.1	24	21.5	100x100	
PC 660C ★	11	IS	36													34.5	34	33.5	33	31.5	30.8	-	25.5	100x100		
PC 660B ★	IS	20	42													41	40.7	40.4	40	38.5	37.8	35	33	29.5	100x100	
PC 660A ★	18.5	25	49													48	47.7	47.4	47	46	45	42	41	37	100x100	

★=Cast iron impeller / Impulsoren fundkdn

MATERIAL DESCRIPTION

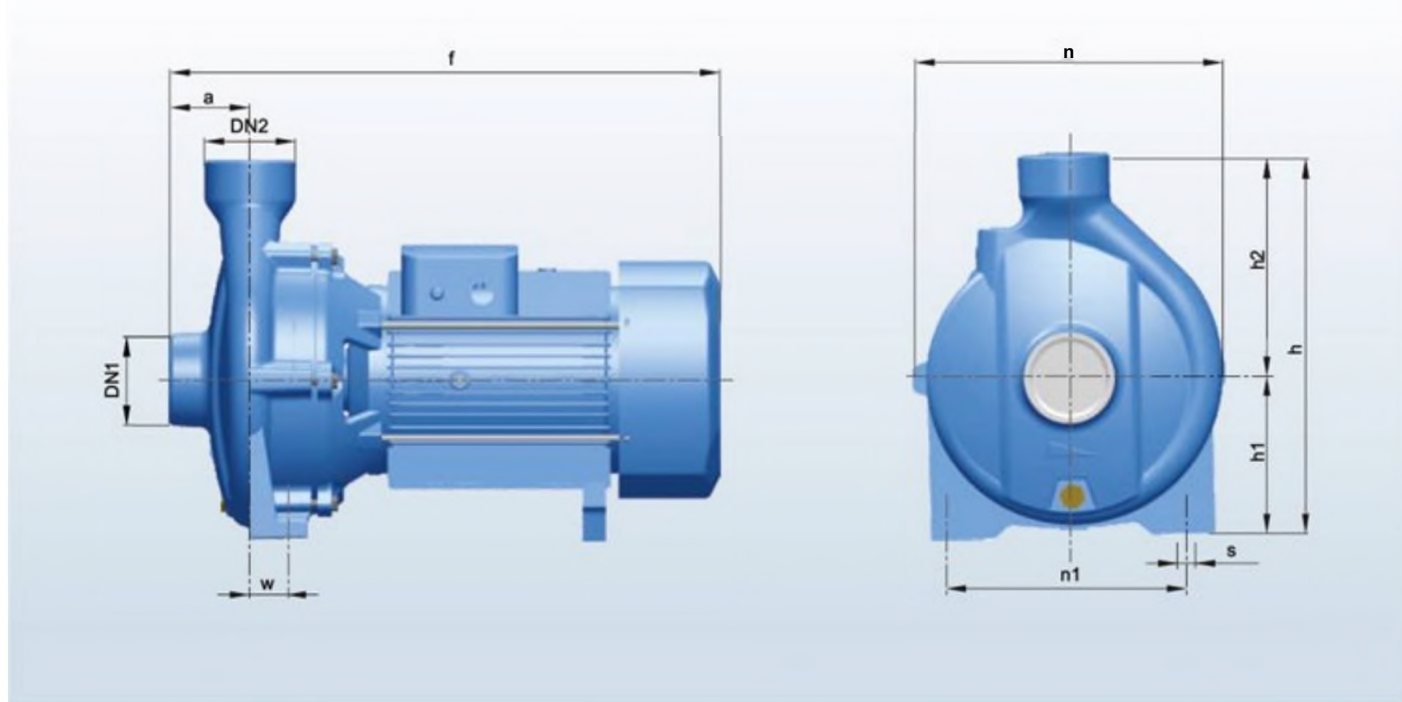
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Release Valve	Brass	9	Wound Stator/Rotor	Silicon Steel/Copper	17	Terminal Box	Aluminum
2	Impeller	Brass	10	Motor Case	Aluminum	18	Terminal Board	Plastic
3	Mechanical Seal	SiC/Carbon/SS304	11	Support Foot	Plastic	19	Impeller Key	Iron
4	O-ring	Rubber	12	Back Cover	Cast iron	20	Water Deflector	Rubber
5	Connection	Cast iron	13	Reinforced Seal	Rubber	21	Connection Bolt	Steel
6	Reinforced Seal	Rubber	14	Fan Cover	Aluminum	22	Impeller Nut	Galvanized Steel
7	Shaft	SS304/45# Steel	15	Fan	Plastic	23	Pump Case	Cast iron
8	Bearing	Ball Bearing	16	Through Bolt	Steel			

DIMENSIONS AND WEIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm											kg	
Single-phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	hi	h2	n	n1	w	s	1-	3-
PC 5B	PC5B	SO	50	51	398	265	105	160	206	160	1	11	18	-
PC SBM	PC SBM	SO	50	51	398	265	105	160	206	160	1	11	19.9	18.9
PC 5AM	PC SAM	50	50	51	398	265	105	160	206	160	1	11	21.9	20.9
PC220C	PC 220C	so	so	75	472	322	132	190	245	165	40	14	29.5	28.5
-	PC 220B	so	50	75	472	322	132	190	245	16S	40	14	32.3	32.3
-	PC 680C	50	SO	75	535	335	140	195	273	190	40	14	42	42
-	PC 680B	SO	50	75	535	335	140	195	273	190	40	14	47	47
PC6C	PC 6C	80	80	68	435	317	120	197	240	190	6	12	25	24
PC6B	PC6B	80	80	68	435	317	120	197	240	190	6	12	26.5	25.5
PC 6A	PC 6A	80	80	68	43S	317	120	197	240	190	6	12	27.7	26.7
-	PC6H	80	80	68	435	317	120	197	240	190	6	12	35	35
-	PC S60C	80	80	79	578	372	163	209	263	212	32	16	52	52
-	PC 560B	80	80	79	578	372	163	209	263	212	32	16	64	64
-	PC 560A	80	80	79	578	372	163	209	263	212	32	16	71	71
PC 8C	PC 8C	100	100	70	482	322	120	202	245	190	30	14	31	30
-	PC8B	100	100	70	482	322	120	202	245	190	30	14	35	35
-	PC 62SC	100	100	8S	593	373	163	210	267	212	32	16	63	63
-	PC625B	100	100	85	593	373	163	210	267	212	32	16	68	68
-	PC 62SA	100	100	8S	593	373	163	210	267	212	32	16	74	74
-	PC 660D	100	100	85	605	415	186	229	305	222	49	16	90	90
-	PC 660C	100	100	8S	605	415	186	229	305	222	49	16	106	106
-	PC 660B	100	100	85	605	415	186	229	305	222	49	16	134	134
-	PC 660A	100	100	8S	60S	415	186	229	305	222	49	16	155	155

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Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

The high efficiency and continuous duty capabilities makes these pumps ideal for use in activities such as flood and spray irrigation, drawing water from lakes, rivers and wells, or for any number of different industrial applications where the characteristics of high flow rates and mid to low head are required. Suitable for use in civil and agricultural applications.

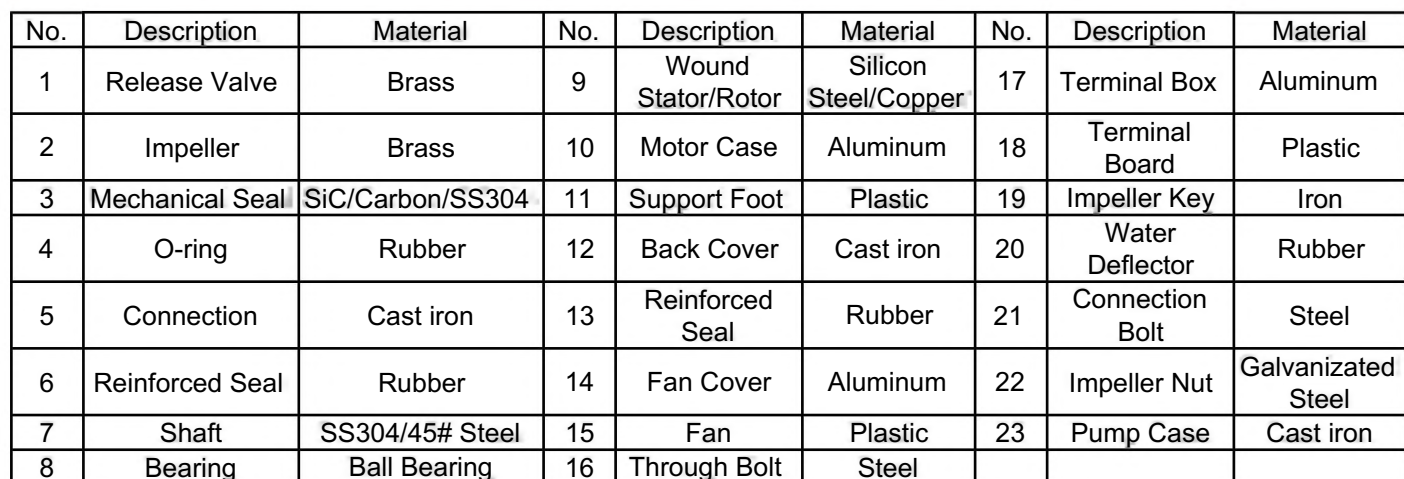
USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

PATENTS

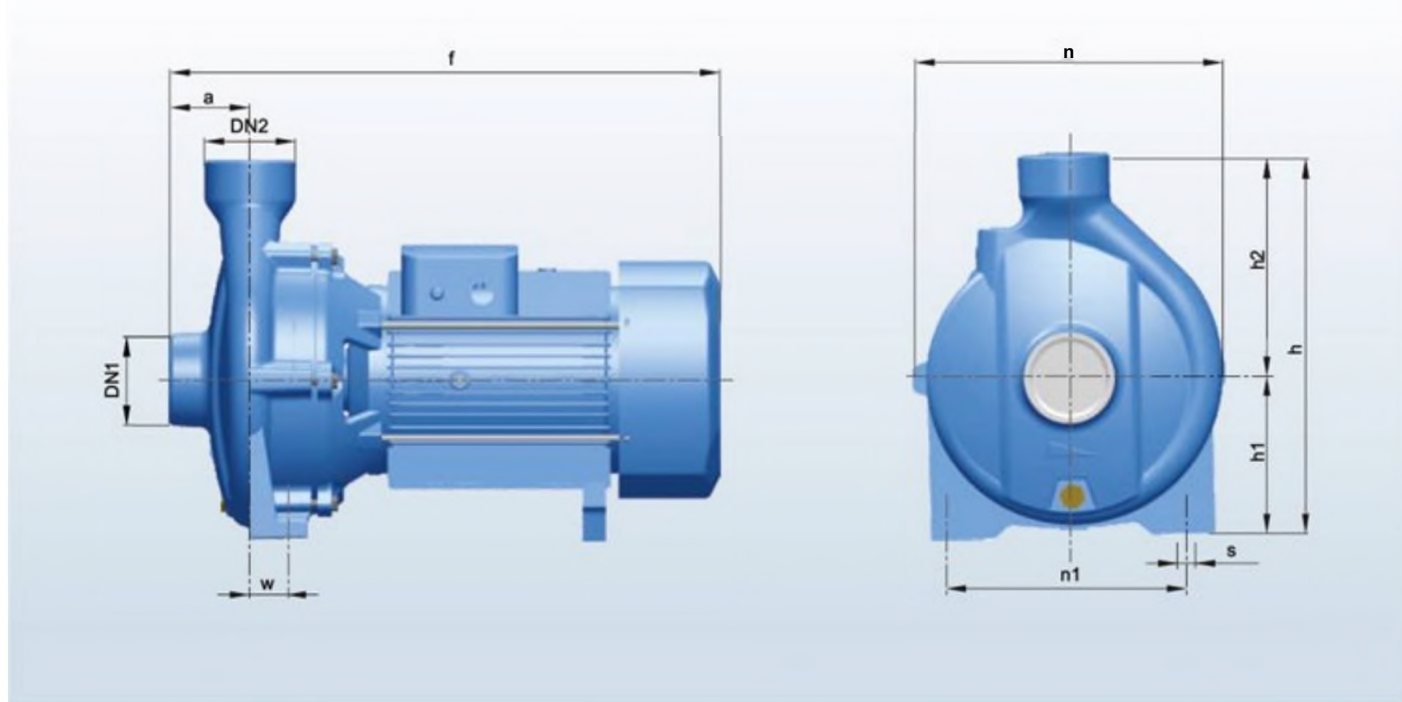
Registered model PC
Registered Patent Design n° 201530476290.2

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



DIMENSIONS AND WEIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm											kg	
Single-phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	hi	h2	n	n1	w	s	1-	3-
PC 5B	PC5B	SO	50	51	398	265	105	160	206	160	1	11	18	-
PC SBM	PC SBM	SO	50	51	398	265	105	160	206	160	1	11	19.9	18.9
PC 5AM	PC SAM	50	50	51	398	265	105	160	206	160	1	11	21.9	20.9
PC220C	PC 220C	so	so	75	472	322	132	190	245	165	40	14	29.5	28.5
-	PC 220B	so	50	75	472	322	132	190	245	16S	40	14	32.3	32.3
-	PC 680C	50	SO	75	535	335	140	195	273	190	40	14	42	42
-	PC 680B	SO	50	75	535	335	140	195	273	190	40	14	47	47
PC6C	PC 6C	80	80	68	435	317	120	197	240	190	6	12	25	24
PC6B	PC6B	80	80	68	435	317	120	197	240	190	6	12	26.5	25.5
PC 6A	PC 6A	80	80	68	43S	317	120	197	240	190	6	12	27.7	26.7
-	PC6H	80	80	68	435	317	120	197	240	190	6	12	35	35
-	PC S60C	80	80	79	578	372	163	209	263	212	32	16	52	52
-	PC 560B	80	80	79	578	372	163	209	263	212	32	16	64	64
-	PC 560A	80	80	79	578	372	163	209	263	212	32	16	71	71
PC 8C	PC 8C	100	100	70	482	322	120	202	245	190	30	14	31	30
-	PC8B	100	100	70	482	322	120	202	245	190	30	14	35	35
-	PC 62SC	100	100	8S	593	373	163	210	267	212	32	16	63	63
-	PC625B	100	100	85	593	373	163	210	267	212	32	16	68	68
-	PC 62SA	100	100	8S	593	373	163	210	267	212	32	16	74	74
-	PC 660D	100	100	85	605	415	186	229	305	222	49	16	90	90
-	PC 660C	100	100	8S	605	415	186	229	305	222	49	16	106	106
-	PC 660B	100	100	85	605	415	186	229	305	222	49	16	134	134
-	PC 660A	100	100	8S	60S	415	186	229	305	222	49	16	155	155



End Suction Pumps PSTC

[PSTC]Standard Monoblock Pumps from Purity Manufacturers

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

Product Description





TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
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Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
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Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TeCNICOS

50Hz n=2900

1/min

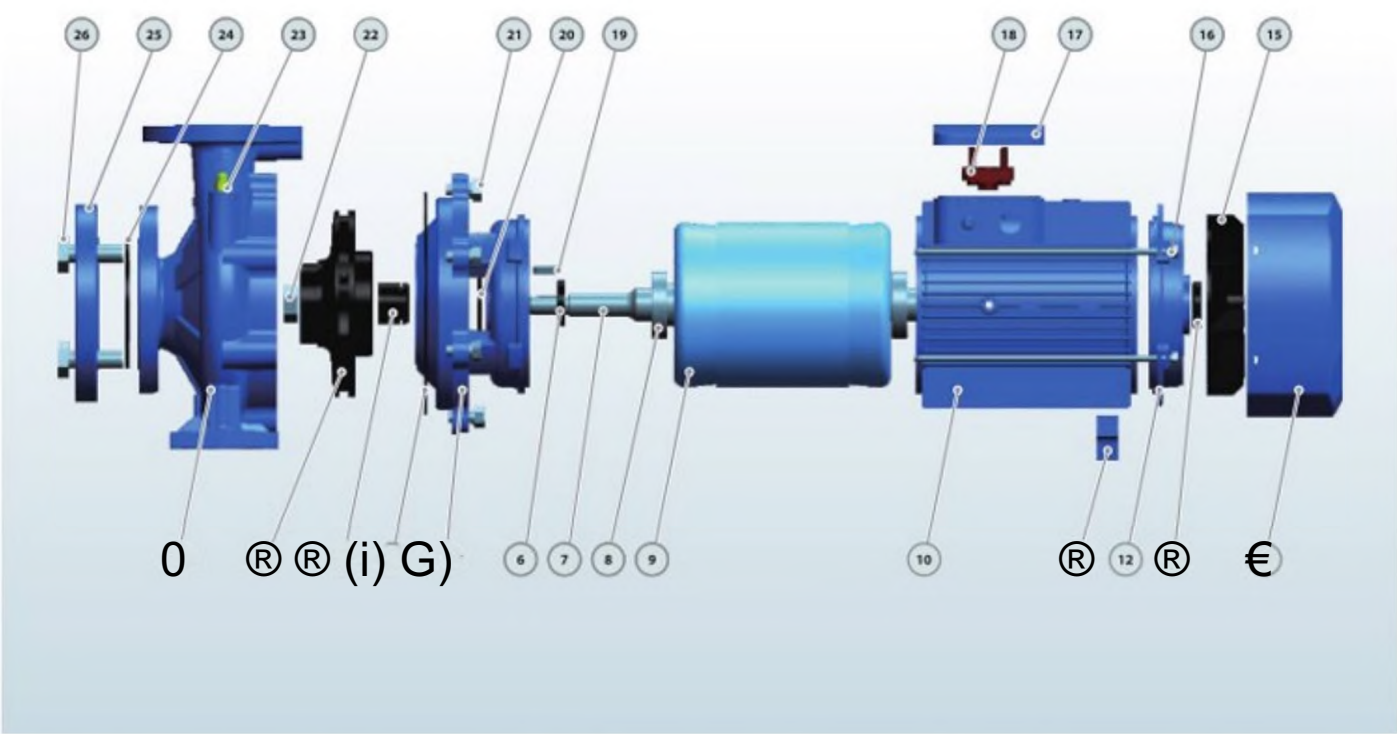
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																			DN
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	S29	608	793	925	
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	
32-12 S/07 o	0.75	1	H(m)	17.5	16.7	15	12	9															50x32
32-12S/11 o	1.1	1.5		22	21	19.7	16.5	14.5	9														50x32
32-160/15 •	15	2		25.4	23.7	22.5	18.5	15.3															50x32
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30 •	3	4		35	34.3	34	28	25.5	19	15													50x32
32-200/30 •	3	4		44.2	43	39.3	35.2	32.2	24.6	19.3													50x32
32-200/40 •	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32
32-250/55 •	55	75		60	59.5	59	55	51	34.5														50x32
32-250/75 •	75	10		69.5	69	68.5	66	63	53														50x32
32-250/110 •	11	15		90	89.5	89	82	79	66														50x32
32-250/5 SDc	55	75		79.5	74.7	71.3	63	56	37.5														50x32
32-250/7 5D o	75	10		95	93	91	83	76	57.3														50x32
40-U5/11 o	1.1	1.5		14.7				13.5	11.5	10.1	5.3												65x40
40-125/15 o	15	2		18.1				17	15	13.9	9.6	6											65x40
40*125/22 o	22	3		24.5				23.2	21.5	20.2	16	13	&3										65x40
40-160/30 •	3	4		31.8				29.5	27.5	26.3	21.5	17.8											65x40
40-160/40 •	4	5.5		38				36	34	33	28.5	25	2Q1										65x40
40-200/55 •	55	75		46				43.3	41.3	40.1	35	30											65x40
40-200/75 •	75	10		57				53.6	51.5	50	45	41	3&5										65x40
40*250/92 •	92	125		64				59	56.5	55	49.5	45	39.8										65x40
40-250/110 •	11	15		72				67.5	66	63.5	57.5	52.1	47										65x40
40-250/150 •	15	20		84.5				80	77.3	75.2	71	65	61										65x40
S0-U5/22 •	22	3		17							15.4	14	12.8	11.5	6.5								65x50
50-125/30 •	3	4		20							18.3	18	17	15.6	11								65x50
50-125/40 •	4	5.5		24							23.1	23	21.5	20.3	15.3	11.3							65x50
S0-160/55 •	55	75		32							30.6	30	28	26.6	20.5	14.3							65x50
50-160/75 •	75	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92 •	92	123		50.5							46.3	45	43	40.9	32.3	26.7							65x50
50-200A10 •	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150 •	15	20		62							58	56.5	54.5	52	44.5	39	35.5						65x50
50-250/150 •	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185 •	18.5	25		79							75.3	74.3	74	71.5	63.5	55.5	47						65x50
50-250/220 •	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57						65x50
65-US/40 •	4	5.5		19										17.3	16.8	14.5	13	11.3					dOx65
65-12S/SS •	55	75		23										21.3	20.9	19	17.5	16.7	13.7				80x65
65-U5/75 •	75	10		27										26	25.6	24.5	23	22.5	20	18			80x65
65-160/92 •	92	125		33											31.5	30	28	27.1	24	21.5			80x65
65-160/110 •	11	15		36											34.5	33	31.5	30.3	28	25.5			80x65
65-160/1 SO •	15	20		42											41	40	38.5	37.3	35	33	29.5		80x65
65-200/150 •	15	20		45											45.5	43	41	40.2	36.5	34			80x65
65-200/185 •	18.5	25	52											52.3	51	49	48.2	44.5	42			80x65	
65-200/220 •	22	30	59											59.5	58	56	55	52	49.5	44.5		dOx65	
65-250/220 *	22	30	64.8											64.7	62	60	53.5	53	50			80x65	
65-250/300 •	30	40	80											79.8	77.5	75.5	74.5	70	66	58		80x65	
65-250/370 •	37	50	92											90.5	88.5	87	85	80.5	78	68		80x65	
65-31S/3 70 •	37	50	102											99.2	97	95	94.5	92.4	90	83		80x65	
65-315/4S0* •	45	60	112											109.2	107.7	105.3	104.5	102.5	100	93	66	80x65	
6S-315/5S0* •	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76	80x65	
65-315/750 •	75	100	141											139.3	137.3	135.6	134.5	132.3	130	122	96	65.5	80x65
80-125/40 •	4	5.5	17										1&5	15.9	14.3	13.5	11.6	10	7.5			100x80	
80-125/55 •	55	75	21										2Q5	20	19	18	16.5	15	12.5	9.5			100x80
80-125/75 •	75	10	26										25	25	24.5	23.3	22.5	21.3	14.5	16.5			100x80

°=PST available °=PS available °=PST&PS available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	10	Motor Case	Aluminum	19	Impeller Key	Iron
2	Impeller	SS304/Cast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechanical Seal	SiC/Carbon/SS304	12	Back Cover	Cast iron	21	Connection Bolt	Steel
4	O-ring	Rubber	13	Reinforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
5	Connection	Cast iron	14	Fan Cover	Aluminum	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Plastic	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through Bolt	Steel	25	Counter Flange	Galvanized Cast iron
8	Bearing	Ball Bearing	17	Terminal Box	Aluminum	26	Flange Bolt	Steel
9	Wound StatorRotor	Silicon Steel Copper	18	Terminal Board	Plastic			

Product Description





TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
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USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TeCNICOS

60Hz n=3500

1/min

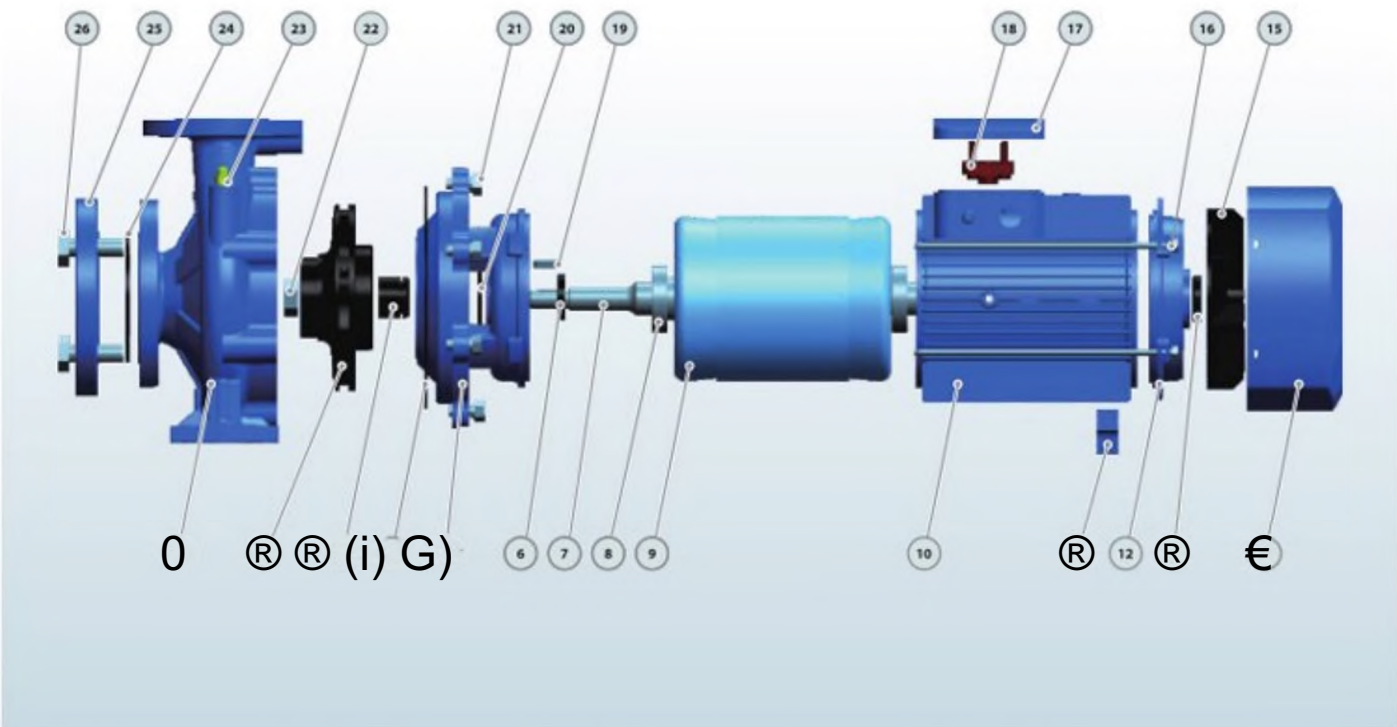
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																			DN
	Potencia  kW	hp		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	S29	608	793	925	
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
				0	6	9	15	18	24	27	36	42	48	54	72	d4	90	108	120	138	180	210	
																							mm
32-12 S/07 o	0.75	1	H(m)	17.5	16.7	15	12	9														50x32	
32-12S/11 o	1.1	1.5		22	21	19.7	16.5	14.5	9													50x32	
32-160/15 •	15	2		25.4	23.7	22.5	18.5	15.3														50x32	
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15													50x32	
32-160/30 •	3	4		35	34.3	34	28	25.5	19	15												50x32	
32-200/30 •	3	4		44.2	43	39.3	35.2	32.2	24.6	19.3												50x32	
32-200/40 •	4	5.5		54.5	52	50	45.5	41.9	35	30.3												50x32	
32-250/55 •	55	75		60	59.5	59	55	51	34.5													50x32	
32-250/75 •	75	10		69.5	69	68.5	66	63	53													50x32	
32-250/110 •	11	15		90	89.5	89	82	79	66													50x32	
32-250/5 SDc	55	75		79.5	74.7	71.3	63	56	37.5													50x32	
32-250/7 5Dc	75	10		95	93	91	83	76	57.3													50x32	
40-U5/11 o	1.1	1.5		14.7				13.5	11.5	10.1	5.3											65x40	
40-125/15 o	1.5	2		18.1				17	15	13.9	9.6	6										65x40	
40*125/22 o	2.2	3		24.5				23.2	21.5	20.2	16	13	&3									65x40	
40-160/30 •	3	4		31.8				29.5	27.5	26.3	21.5	17.8										65x40	
40-160/40 •	4	5.5		38				36	34	33	28.5	25	2Q1									65x40	
40-200/55 •	55	75		46				43.3	41.3	40.1	35	30										65x40	
40-200/75 •	75	10		57				53.6	51.5	50	45	41	3&5									65x40	
40*250/92 •	92	125		64				59	56.5	55	49.5	45	39.8									65x40	
40-250/110 •	11	15		72				67.5	66	63.5	57.5	52.1	47									65x40	
40-250/150 •	15	20		84.5				80	77.3	75.2	71	65	61									65x40	
S0-U5/22 •	2.2	3		17							15.4	14	12.8	11.5	6.5							65x50	
50-125/30 •	3	4		20							18.3	18	17	15.6	11							65x50	
50-125/40 •	4	5.5		24							23.1	23	21.5	20.3	15.3	11.3						65x50	
S0-160/55 •	55	75		32							30.6	30	28	26.6	20.5	14.3						65x50	
50-160/75 •	7.5	10		40							38	37	36	34.4	29	24	21					65x50	
50-200/92 •	92	123		50.5							46.3	45	43	40.9	32.3	26.7						65x50	
50-200A10 •	11	15		57.5							53.5	52	50	47.5	40	34	29					65x50	
50-200/150 •	15	20		62							58	56.5	54.5	52	44.5	39	35.5					65x50	
50-250/150 •	15	20		68.5							64	63	61.5	59	50	41						65x50	
50-250/185 •	18.5	25		79							75.3	74.3	74	71.5	63.5	55.5	47					65x50	
50-250/220 •	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57					65x50	
65-US/40 •	4	5.5		19									17.3	16.8	14.5	13	11.3					dOx65	
65-12S/SS •	55	75		23									21.3	20.9	19	17.5	16.7	13.7				80x65	
65-U5/75 •	7.5	10		27									26	25.6	24.5	23	22.5	20	18			80x65	
65-160/92 •	92	125		33										31.5	30	28	27.1	24	21.5			80x65	
65-160/110 •	11	15		36										34.5	33	31.5	30.3	28	25.5			80x65	
65-160/1 SO •	15	20		42										41	40	38.5	37.3	35	33	29.5		80x65	
65-200/150 •	15	20		45										45.5	43	41	40.2	36.5	34			80x65	
65-200/185 •	18.5	25	52										52.3	51	49	48.2	44.5	42			80x65		
65-200/220 •	22	30	59										59.5	58	56	55	52	49.5	44.5		dOx65		
65-250/220 *	22	30	64.8										64.7	62	60	53.5	53	50			80x65		
65-250/300 •	30	40	80										79.8	77.5	75.5	74.5	70	66	58		80x65		
65-250/370 •	37	50	92										90.5	88.5	87	85	80.5	78	68		80x65		
65-31S/3 70 •	37	50	102										99.2	97	95	94.5	92.4	90	83		80x65		
65-315/4S0*	45	60	112										109.2	107.7	105.3	104.5	102.5	100	93	66	80x65		
6S-315/5S0*	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76	80x65		
65-315/750 •	7.5	100	141										139.3	137.3	135.6	134.5	132.3	130	122	96	65.5	80x65	
80-125/40 •	4	5.5	17									1&5	15.9	14.3	13.5	11.6	10	7.5			100x80		
80-125/55 •	5.5	7.5	21									2Q5	20	19	18	16.5	15	12.5	9.5		100x80		
80-125/75 •	7.5	10	26									25	25	24.5	23.3	22.5	21.3	14.5	16.5		100x80		

°=PST available °=PS available °=PST&PS available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	10	Motor Case	Aluminum	19	Impeller Key	Iron
2	Impeller	SS304/Cast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechanical Seal	SiC/Carbon/SS304	12	Back Cover	Cast iron	21	Connection Bolt	Steel
4	O-ring	Rubber	13	Reinforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
5	Connection	Cast iron	14	Fan Cover	Aluminum	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Plastic	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through Bolt	Steel	25	Counter Flange	Galvanized Cast iron
8	Bearing	Ball Bearing	17	Terminal Box	Aluminum	26	Flange Bolt	Steel
9	Wound StatorRotor	Silicon Steel Copper	18	Terminal Board	Plastic			



End Suction Pumps PSMF

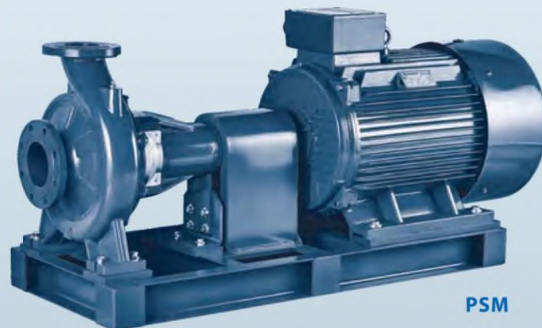
Electric Centrifugal End Suction Fire Pump Coupling Motor (PSMF 60Hz)

- New EN733 standard centrifugal pump with electric motor
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron

仍 PURITY



PS **n s 2900 rpm**
End suction centrifugal pump
Bomba centrífuga de succión final
Pompe centrifuge aspiration finale



NEXINUEVO/NOUVEAU

DESOUPTION/DESCRIPCIONES/DESCRIPTION

- ◆ Complete range with a full series of end suction pumps
- ◆ Original design by PURITY (Patent no.201530478502.0)
- ◆ Outstanding reliability for operation in any application
- ◆ YE3 high efficient motor; with protection IP55 class F
- ◆ Pump case with anti-corrosive coating
- ◆ Customize casting logo on the bearing house as request
- ◆ Quality NSK bearing, wear resistance mechanical seal
- ◆ Gama completa con una serie completa de bombas
- ◆ Diseño original de PURITY (Patente no.201530478502.0)
- ◆ Excelente fiabilidad para cualquier aplicación
- ◆ Motor de eficiencia YE3 con Protección IP55 clase F
- ◆ Cuerpo de bomba con tratamiento anti-corrosión
- ◆ Personalizar el logotipo de fundición en la caja como solicitud
- ◆ Rodamiento de marca NSK y cierre mecánico personalizado
- ◆ Gam me complete avec une s'rie complete de pompes
- ◆ Design original par PURITY (Brevet no.201530478502.0)
- ◆ Fiabilit' exceptionnelle pour n'importe quelle application
- ◆ Moteur haute efficacit' YE3, avec protection IP55 classe F
- ◆ Boîtier de pompe avec revêtement anti-corrosif
- ◆ Personnalisez le logo de coulée sur le palier comme demande
- ◆ Roulement NSK quality joint m'canique de resistance d l'usure

^PUCfi.JIONS/APUCAaONES/APPUCATIONS

The impressive range end-suction pumps is compatible with an array of application areas, including water intake, heating industrial pressure boosting, industrial liquid transfer, air-conditioning, district cooling, irrigation, fire fighting and many more.

La impresionante gama de bombas de succión finales compatible con una variedad de áreas de aplicación, que incluyen la toma de agua, calefacción, aumento de la presión industrial, transferencia de líquido industrial, aire acondicionado, refrigeración urbana, riego, extinción de incendios y muchos más.

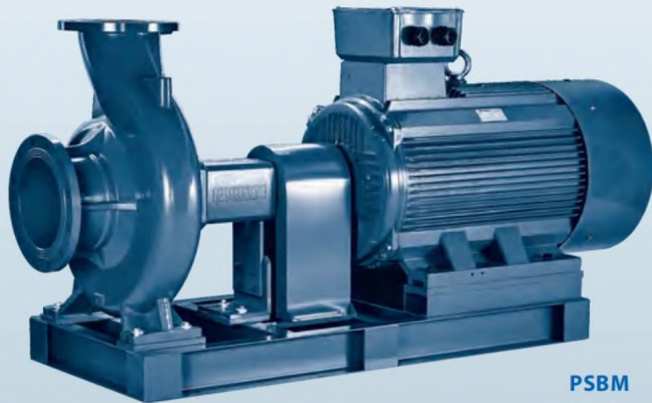
La gamme impressionnante de pompes à aspiration finale est compatible avec un large éventail de domaines d'application, notamment prise d'eau, chauffage, surpression industrielle, transfert de liquide industriel, climatisation, refroidissement urbain, irrigation, lutte contre l'incendie et bien d'autres.

USING UNWTS/UMITES UTILIZACION/UTIUATION LIMITES

- ◆ Liquid temperature between -10°C and +120°C
- ◆ Ambient temperature between -10°C and +50°C
- ◆ Max. working pressure 20 bar
- ◆ Continuous service S1
- ◆ Temperatura del líquido de -10 °C hasta +120 °C
- ◆ Temperatura ambiente de -10 °C hasta +50 °C
- ◆ Presión máxima en el cuerpo de la bomba 20 bar
- ◆ Funcionamiento continuo S1
- ◆ Temperature du liquide entre -10 °C et +120 °C
- ◆ Temperature ambiante entre -10 °C et +50 °C
- ◆ Max. pression de service 20 bar
- ◆ Service continu S1



PSB



PSBM

MODEL CODE/CODIGO MODELO/CODE MODELE

For example/Por ejemplo/Par exemple

PS (PSM) 50-250/220

t-220=Rated power(kw)x10
Potencia nominal(kw)x 10
Puissance nominale (kw) x 10

250=Nominal impeller size(mm)
Tamano nominal del impulsor (mm)
Taille nominale de la roue (mm)

250H=High flow type
Type de caudal grande
Type d haut d bit

50=Discharge/Descarga/Decharge(mm)

PSM=End suction pump with motor&base

Bomba con motor y base

Pompe avec moteur et base

PSBM=End suction pump with motor&base

(in type B bearing house)

Bomba con motor y base

(en soporte de rodamiento tipo B)

Pompe avec moteur et base

(dans une maison de roulement de type B)

PS=End suction pump only

Solo bomba

Pompe uniquement

PSB=End suction pump only

(in type B bearing house)

Solo bomba

(en soporte de rodamiento tipo B)

Pompe uniquement

(dans une maison de roulement de type B)

TECHNICAL SHEET/HOJXI TÉCNICA/FICHE TECHNIQUE

Model/Modelo/Modele	PS	
Capacity/Caudal/Debit	0-1000	m ³ /h
Head /Altura/Hauteur	0-164	m
DN	32-150	mm
Speed/Velocidad/Vitesse	2900	rpm
T max	120	°C
Power/Potencia/Puiss.	1.5-315	kW
Casing/Cuerpo/Corps	Grey cast iron Hierro fundido gris Fontegrise	
Impeller/Impulsor/Roue	Cast iron/AISI 304/Brass Hierro fundido/Inox304/Bronce Fonte/Inox 304/Laiton	
Shaft/Eje/Arbre	45# steel/AISI304 45 # acero/Inox304 45 # acier/Inox 304	
Shaft seal/Sello/Scelle	Mechanical Seal Sello mecánico Garniture mecanique	
Bearing/Rodamiento/Palier	Grease lubrication rolling bearing Rodamientos lubricados con grasa Roulement lubrification a la graisse	

50 Hz n=2900 1/min

PSM PSB PSBM also available/tamb/en disponible/aussi disponible

Performance curve in *page*/Curva en *pdgina*/Courbe en *page* 112-131

TECHNICAL DATA/D/ITOS TÉCNICOS/DONNÉES TECHNIQUES

50 Hz n=2900 1/min

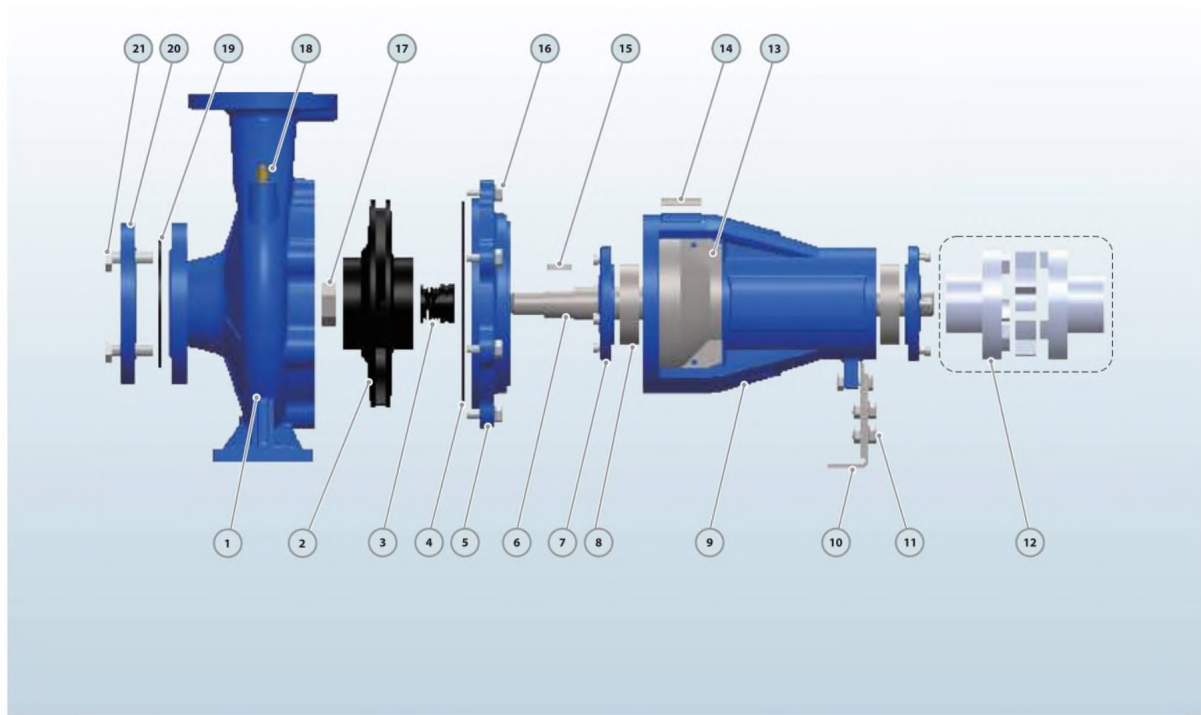
MODEL MODELO MODELE	DN mm	Implr 0 mm	Power Potencia Puissance kw hp	Q=DELIVERY/CAUDAL/D³B/T																	
				us gpm 0 264 396 529 634 793 881 925 1 969 1057 1233 1322 1586 1762												2203		2643 2907 3524 4405			
				/min 01000 1500 2000 2400 3000 3333 3500 3667 4000 4667 5000 6000 6667												8333 10000		11000 1333316667			
				n³/h 0 60 90 120 144 180 200 210 220 240 280 300 360												400 500 600		660 800 1000			
H=Head/4'ft*a/Haufel/rfmJ																					
PS 80-160/110	100x80	160	IF IT	28	27	27.3	24.5	21.1	16	-	-	-	-	-	-	-	-	-	-	-	
PS 80-160/150	100x80	168	15 lo	34	32.6	32.5	30.2	~27	22T	18.5	16.7	-	-	-	-	-	-	-	-	-	
PS 80-160/185	100x80	180	18.5 25	39	38.5	38	36.7	33.6	28.8	25.3	23.5	-	-	-	-	-	-	-	-	-	
PS 80-160/220	100x80	190	22 30	44	43.5	43	41.7	38.6	33.8	30.3	28.5	-	-	-	-	-	-	-	-	-	
PS 80-200/220	100x80	190	22 30	48	47.7	47.5	43.5	39.2	32.5	27.2	24.5	-	-	-	-	-	-	-	-	-	
PS 80-200/300	100x80	^15	30 40^	60	59.7	59.5	57	53.1	47	42.7	40.5	-	-	-	-	-	-	-	-	-	
PS 80-250/370	100x80	226	37 50	71.5	70.9	70.5	65.5	59.3	51	43.2	38.5	-	-	-	-	-	-	-	-	-	
PS 80-250/450	100x80	240	45 60	88	86.7	86	83.6	78.5	70.5	60 ~51	-	-	-	-	-	-	-	-	-	-	
PS 80-250/550	100x80	258	55 75	94.5	94.5	94.5	91.8	87	79.5	72.1	68.3	-	-	-	-	-	-	-	-	-	
PS 80-250/750	100x80	276	75 100	108.5	108.5	108.5	105.3	101	93.5	86.1	82.3	-	-	-	-	-	-	-	-	-	
PS 80-315/450	100x80	255	45 60	85	84	82.6	82	78	68.3	61	56	-	-	-	-	-	-	-	-	-	
PS 80-315/550	100x80	270	55 75	98	97	95.6	95	91	81.3	74	69	-	-	-	-	-	-	-	-	-	
PS 80-315/750	100x80	295	75 100	124	123	121.6	121	117	107.3	100	95	90	80.8	-	-	-	-	-	-	-	
PS 80-315/900	100x80	320	90 125	144	143	141.6	141	137	127.3	120	115	110	100.8	-	-	-	-	-	-	-	
PS 80-315/1100	100x80	328	110 150	153	152	150.6	150	146	136.3	129	124	119	109.8	-	-	-	-	-	-	-	
PS 100-160/150	125x100	167	TT ~20	35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15	-	-	-	-	-	-	-	
PS 100-160/185	125x100	176	18.5 25	38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18	-	-	-	-	-	-	-	
PS 100-160/220	125x100	190	22 ~30	43	41 po	37.6	35.2	31.5	28.5	27	25.3	22	-	-	-	-	-	-	-	-	
PS 100-200/220	125x100	185	22 30	38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13	-	-	-	-	-	
PS 100-200/300	125x100	195	To 40	44.5	42j	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18	-	-	-	-	-	
PS 100-200/370	125x100	208	37 50	55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29	-	-	-	-	-	
PS 100-200/450	125x100	218	15 60	59	57	56.6	55.2	53	51	50	48.8	46.5	38.8	35	-	-	-	-	-	-	
PS 100-250/450	125x100	220	45 60	65	65	64	63	61	58	56	55	53.3	50	39	33.5	-	-	-	-	-	
PS 100-250/550	125x100	240	55 ^5	77	76	75.5	75	71.8	71.5	70.7	69	62.3	59	-	-	-	-	-	-	-	
PS 100-250/750	125x100	257	75 100	91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48	-	-	-	-	
PS 100-250/900	125x100	270	90 125	100	100	99.5	98.7	97	94	93	92.3	90.5	87	80.7	77.5	57	-	-	-	-	
PS 100-315/750	125x100	255	75 100	80	-	-	78.5	76.7	74	73	72.8	72.5	70.7	68	64	52	-	-	-	-	
PS 100-315/900	125x100	280	90 125	100	-	-	98.5	96.7	94	93	92.8	92.5	90.7	88	84	72	-	-	-	-	
PS 100-315/1100	125x100	300	110 150	118	-	-	116.5	114.7	112	111	110.8	110.5	108.7	106	102	90	-	-	-	-	
PS 100-315/1320	125x100	315	132 180	129	-	-	127.5	125.7	123	122	121.8	121.5	119.7	117	112	101	-	-	-	-	
PS 100-315/1600	125x100	328	160 220	148	-	-	146.5	144.7	142	141	140.8	140.5	138.7	136	132	120	-	-	-	-	
PS 125-200/450	150x125	190	~45~60	397	-	-	39.3	39.2	~3T	38.9	38.9	38.8	37.5	~3T	34	28.6	25	-	-	-	
PS 125-200/550	150x125	205	55 75	50.5	-	-	49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35	-	-	-	
PS 125-200/750	150x125	218	75 100	61.5	-	-	60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46	-	-	-	
PS 125-250/550	150x125	240	55 75	70	-	-	67	66	64	63	62	61	59.5	54	50.5	-	-	-	-	-	
PS 125-250/750	150x125	^55	~75 100	80	-	-	76.5	75.5	74	73	72	71.5	70	67	65	56	-	-	-	-	
PS 125-250/900	150x125	265	90 125	87	-	-	84	82.5	81	79.5	79	78	77	73.5	71.5	65	60	-	-	-	
PS 125-250/1100	150x125	274	110 150	97	-	-	94	92.8	91	90	89.3	88.7	87.4	84	83.5	76	71	-	-	-	
PS 125-250H/900	150x125	220	90 125	63.2	-	-	62.4	62	61.6	61.2	61.2	61.2	60.8	60	59.6	57.2	55.2	47.2	-	-	
PS 125-250H/1100	150x125	240	150 ~74~	-	-	-	73.2	72.8	72.4	72	72	72	71.6	70.8	70.4	68	66	58	49.6	-	
PS 125-250H/1320	150x125	260	132 180	84	-	-	83.2	82.8	82.4	82	82	82	81.6	80.8	80.4	78	76	68	59.6	-	
PS 125-250H/1600	150x125	280	160 220	98	-	-	97.2	96.8	96.4	96	96	96	95.6	94.8	94.4	92	90	82	73.6	67.6	
PS 125-315/1320	150x125	280	132 180	96	-	-	-	-	-	95.2	95.1	95	94.8	94	93.5	91.8	88.5	76	-	-	
PS 125-315/1600	150x125	29T	160^ 220	112	-	-	-	-	-	112	111.1	111	110.8	110	109.5	107.8	306^	975	80	-	
PS 125-315/1850	150x125	310	185 250	125	-	-	-	-	-	124.2	124.1	124	123.8	123	122.5	120.8	119	109	90	-	
PS 125-315/2000	150x125	328	200 270	136	-	-	-	-	-	135.2	135.1	135	134.8	134	133.5	131.8	130	120	101	-	
PS 150-200/750	200x150	~20S	75 100	~50	-	-	-	-	-	-	-	48	47.9	47.6	47.2	45.8	44.6	41	35.5	30.5	
PS 150-200/900	200x150	217	90 125	56	-	-	-	-	-	-	-	54	53.9	53.6	53.2	52.7	~52A	48	42.8	39.2	
PS 150-200/1100	200x150	235	110 150	65.2	-	-	-	-	-	-	-	62	61.7	61.2	60.8	59.8	59.2	57.2	54	51.6	
PS 150-200/1320	200x150	245	132 180	71	-	-	-	-	-	-	-	68.5	67.7	67.2	66.8	65.8	65.2	632	60	57.6	
PS 150-200/1600	200x150	258	160 220	77	-	-	-	-	-	-	-	74	74	73.2	72.8	71.8	71.2	69.2	66	63.6	
PS 150-250/1100	200x150	24f	110 350	67	-	-	-	-	-	-	-	-	-	-	63	61.7	^0^	KJ	5L8		
PS 150-250/1320	200x150	265	132 180	80.2	-	-	-	-	-	-	-	-	-	-	78	76.3	73.5	70	65		
PS 150-250/1600	200x150	280	160 ^20	90	-	-	-	-	-	-	-	-	-	-	88	86	85	82	77.2		
PS 150-250/2000	200x150	295	200 270	100	-	-	-	-	-	-	-	-	-	-	97	96	95	92	87.2		
PS 150-315/1850	200x150	287	185 250	^2	-	-	-	-	-	-	-	-	-	-	90	88.3	87.2	82.8	77.3		
PS 150-315/2500	200x150	305	250 340	111	-	-	-	-	-	-	-	-	-	-	110	108	106	102	96		
PS 150-315/2800	200x150	/S	280^ 380	124	-	-	-	-	-	-	-	-	-	-	121	119	118	114	109		
PS 150-315/3150	200x150	327	315 430	135	-	-	-	-	-	-	-	-	-	-	134	133	132	128	122		

PSM PSB PSBM also available/tambi^n disponible/aussi disponible

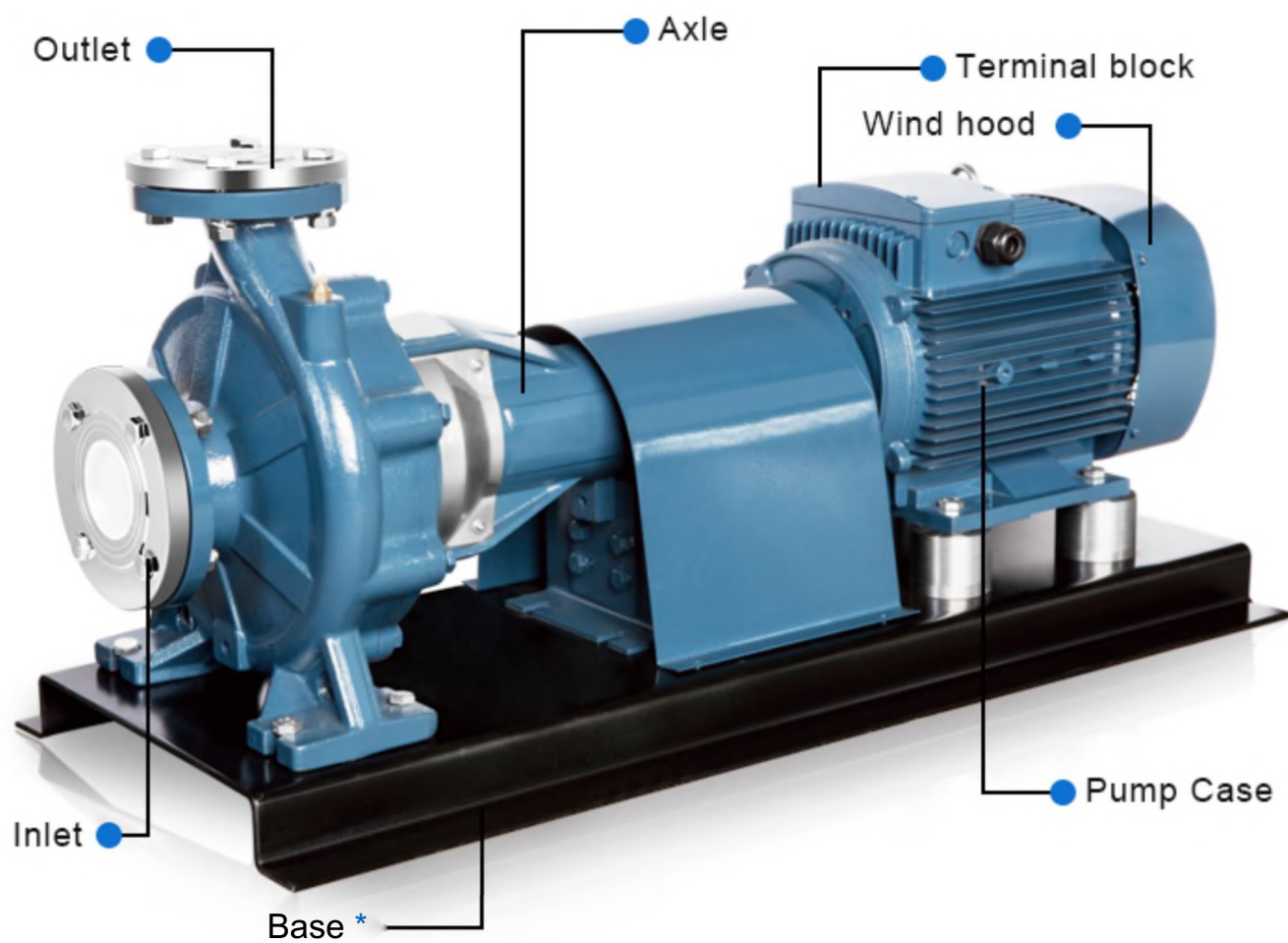
Performance curve in page/Curva en paginai/Courbe en page 132-146

仍 PURITY

MATERIAL DESCRIPTION/DESCRIPCION DE MATERIAL/DESCRIPTION DU MATERIEL



No.	Description Descripción Description	Material Material Matériel	No.	Description Descripción Description	Material Material Matériel	No.	Description Descripción Description	Material Material Matériel
1	Pump Case Cuerpo de Bomba Boîtier de pompe	Cast iron Fundición Fonte	8	Bearing Rodamiento Palier	Ball Bearing Bola Rodamiento Roulement à billes	15	Impeller Key Chaveta Impulsor Clé de roue	Iron Hierro Le fer
2	Impeller Impulsor Roue	SS304/Cast iron Inox304/Fundición Inox304 / Fonte	9	Support Case Cuerpo Soporte Cas de support	Cast iron Fundición Fonte	16	Connection Bolt Perno Boulon de connexion	Steel Acero Acier
3	Mechanical Seal Cierre Mecánico Gamiture mécanique	SiC/Carbon/SS304 SiC/Grafito/Inox304 SiC/Carbon/Inox304	10	Support Foot Soporte Pie Pied de support	Iron Hierro Le fer	17	Impeller Nut Tuerca de Impulsor Écrou de roue	Galvanized Steel Acero Galvanizado Acier Galvanisé
4	O-ring Junta Tórica Joint torique	Rubber Caucho Caoutchouc	11	Foot Bolt Perno Boulon de pied	Steel Acero Acier	18	Release Valve Tapón Cebado Soupape de décharge	Brass Bronce Laiton
5	Connection Conexión Lien	Cast iron Fundición Fonte	12	Coupling(Optional) Unión(Opcional) Accouplement (facultatif)	Steel Acero Acier	19	Gasket Empaque Joint	Rubber Caucho Caoutchouc
6	Shaft Eje Arbre	SS304/45# Steel Inox304/45# Hierro Acier Inox304/ 45 #	13	Case Cover Tapa Cuerpo Housse de protection	SS304 Inox304 Inox304	20	Counter Flange Contra Brida Contre bride	Galvanized Cast iron Fundición Galvanizado Fonte Galvanisée
7	Bearing Cover Tapa Rodamiento Couvercle de palier	Cast iron Fundición Fonte	14	Nameplate Letrero Plaque signalétique	Aluminum Aluminio Aluminium	21	Flange Bolt Perno de Brida Boulon à bride	Steel Acero Acier



ADVANTAGES



Eight Characteristics



Energy-saving
Certificate



Large Flow
Capacity



YE3 Motor IP55 ClassF
All Copper Wire



Stainless Steel 304
Impeller & Shaft



Anti-corrosive
Coating



NSK
Bearing



Costormized
Sizes & Pumps

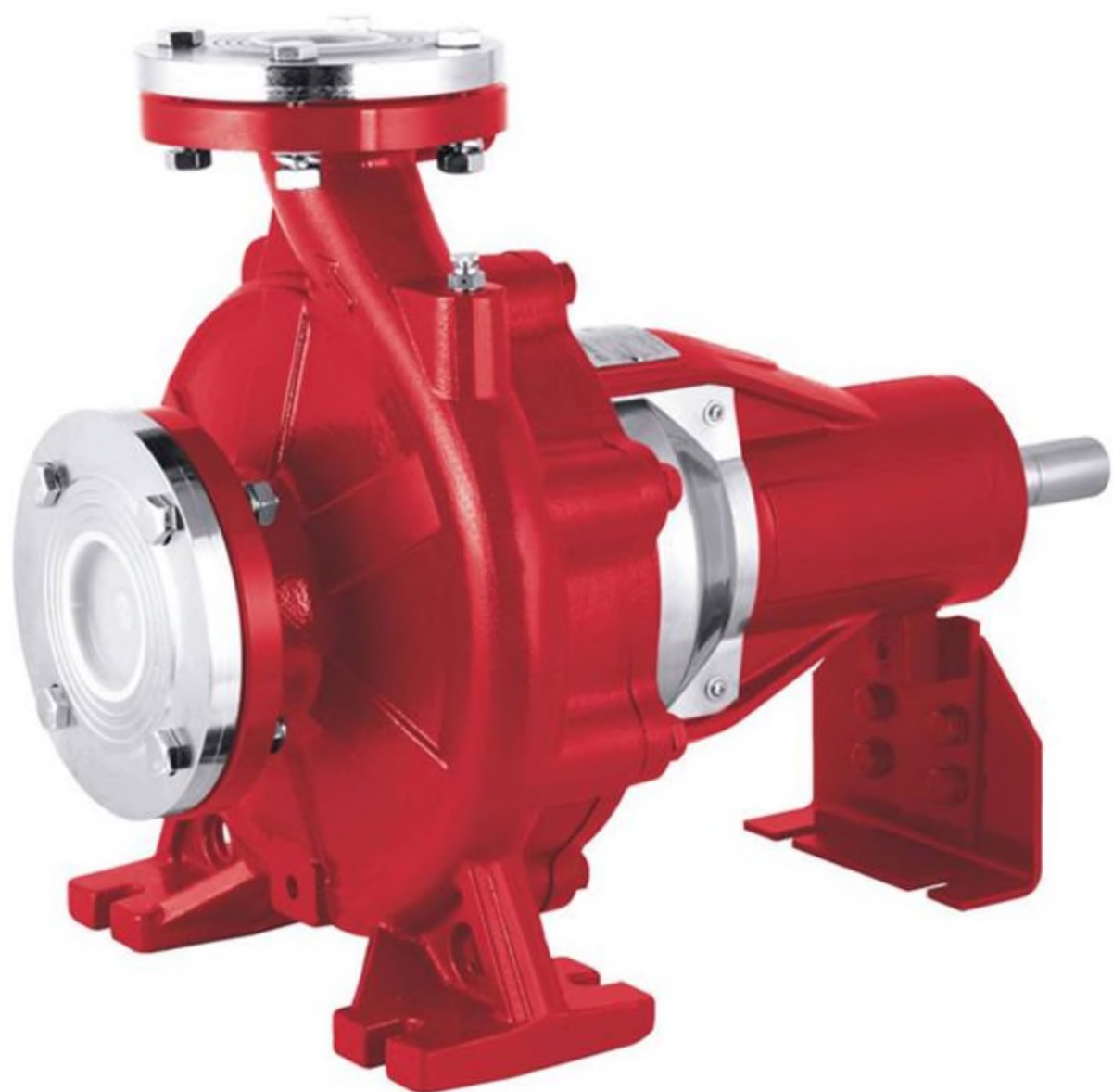


Good Quality & Service
2-Years Guarantee

Product Description



PSM(PS+YE3)





PS

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

PATENTS

Registered model PST
Registered Patent Design n° 201530478502.0

STANDARD IMPELLER MATERIAL

DISCHAEGE SIZE	IMPELLER SIZE						
125	160	200	250	250D	315	400	
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	Cast iron	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron

TECHICAL DATA/DATOS TECNICOS

MODEL MODELO	Power Potencia		us gpm l/min m³/h	Q=DELIVERY/CAUDAL																	DN	
				0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608		793
	0	100		150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500		mm
32-160/15	1.5	2	Head H(m)	25.4	23.7	22.5	18.5	15.8														50x32
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15													50x32
32-160/30	3	4		35	34.3	34	28	25.5	19	15												50x32
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8												50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3												50x32
32-250/55	5.5	7.5		60	59.5	59	55	53	49	46												50x32
32-250/75	7.5	10		75	74.5	74.3	73.5	72.5	68.5	67.3	60											50x32
32-250/110	11	15		90	87.5	85.8	82	79	75	72	65											50x32
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5										65x40
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1									65x40
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30										65x40
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5									65x40
40-250/92	9.2	12.5		64				59	56.5	55	49.5	45	39.8									65x40
40-250/110	11	15		78				75	73	72	67	63	56.43									65x40
40-250/150	15	20		88.5				83.5	80.5	79	74	70.5	65.52									65x40
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5							65x50
50-125/30	3	4		20							18.8	18	17	15.6	11							65x50
50-125/40	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8						65x50
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8						65x50
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21					65x50
50-200/92	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7						65x50
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29					65x50
50-200/150	15	20		62							58	56.5	54	52.52	44.5	39	35.5					65x50
50-250/150	15	20		68.5							64	63	61	55.9	50	41						65x50
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47					65x50
50-250/220	22	30	89.5							86	85.3	84	81.5	73.5	65.5	57					65x50	
65-125/40	4	5.5	19									17	31	16.8	14.5	13	11.8				80x65	
65-125/55	5.5	7.5	23									21	32	0.9	19	17.5	16.7	13.7			80x65	
65-125/75	7.5	10	27									26	25.6	24.5	23	22.5	20	18			80x65	
65-160/92	9.2	12.5	33									31	5	30	28	27.1	24	21.5			80x65	
65-160/110	11	15	36									34	5	33	31.5	30.8	28	25.5			80x65	
65-160/150	15	20	42									41	40	38.5	37.8	35	33	29.5			80x65	
65-200/150	15	20	45									45	5	43	41	40.2	36.5	34			80x65	
65-200/185	18.5	25	52									52	51	49	48.2	44.5	42				80x65	
65-200/220	22	30	59									59	58	56	55	52	49.5	44.5			80x65	
65-250/220	22	30	64.8									64	62	60	58.5	53	50				80x65	
65-250/300	30	40	80									79	77.5	75.5	74.5	70	66	58			80x65	
65-250/370	37	50	92									90	88.5	87	85	80.5	78	68			80x65	
65-315/370	37	50	102									99	97	95	94.5	92.4	90	83			80x65	
65-315/450	45	60	112									109	107.7	105.8	104.5	102.5	100	93	66		80x65	
65-315/550	55	75	122									119	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-315/750	75	100	141									139	137.3	135.6	134.5	132.5	130	122	96	65.5	80x65	
80-125/40	4	5.5	17									16	51	5	14.3	13.5	11.6	10	7.5		100x80	

80-125/55	5.5	7.5		21													20.520	19	18	16.5	15	12.5	9.5				100x80
80-125/75	7.5	10		26													2525	24.5	23.8	22.5	21.5	19.5	16.5				100x80

TECHICAL DATA/DATOS TECNICOS

MODEL MODELO	POTENCIA POWER		US gpm l/min m³/h	Q=DELIVERY/CAUDAL																		DN mm		
	kW	hp		0264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	4405				
				01000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666				
				060	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000				
80-160/110	11	15		2727	27.3	24.5	21.116																	100x80
80-160/150	15	20		32.832.6	32.5	30.2	2722.1		18.5	16.7														100x80
80-160/185	18.5	25		3938.5	38	36.7	33.628.8		25.3	23.5														100x80
80-160/220	22	30		4443.5	43	41.7	38.633.8		30.3	28.5														100x80
80-200/220	22	30		4847.7	47.5	43.5	39.232.5		27.2	24.5														100x80
80-200/300	30	40		6059.7	59.5	57	53.147		42.7	40.5														100x80
80-250/370	37	50		71.570.9	70.5	65.5	59.351		43.2	38.5														100x80
80-250/450	45	60		8886.7	86	83.6	78.570.5		60	51														100x80
80-250/550	55	75		94.594.5	94.5	91.8	8779.5		72.1	68.3														100x80
80-315/450	45	60		8584	82.6	82	7868.3		61	56														100x80
80-315/550	55	75		9897	95.6	95	9181.3		74	69														100x80
80-315/750	75	100		124123	121.6	121	117107.3		100	95	90	80.8												100x80
80-315/900	90	125		144143	141.6	141	137127.3		120	115	110	100.8												100x80
100-160/150	15	20		3533.5	32.5	30	27.824.5		21.5	20	18.3	15												125x100
100-160/185	18.5	25		38.537.5	36.5	34.3	32.229		25.7	24	22	18												125x100
100-160/220	22	30		4341	40	37.6	35.231.5		28.5	27	25.3	22												125x100
100-200/220	22	30		38.536.7	35.7	33.8	31.728.5		26.8	26	25	22.916.3		13										125x100
100-200/300	30	40		44.542.5	42	40.2	38.836.7		34.2	33	31.7	2921.7		18										125x100
100-200/370	37	50		5553	51	50.6	49.247		45	44	42.8	40.532.8		29										125x100
100-250/450	45	60		6565	64	63	6158		56	55	53.3	5039		33.5										125x100
100-250/550	55	75		7776	75.5	75	73.872		71.7	71.5	70.7	6962.3		59										125x100
100-250/750	75	100		9191	90.5	89.7	8885.5		84	83.3	81.5	7871.7		68.5	48									125x100
100-315/550	55	75		80		79	77.475		74	73.5	73	71.368		66	60									125x100
100-315/750	75	100		100		99	97.495		94	93.5	93	91.388		86	80									125x100
100-315/900	90	125		118		116.5	114.7112		111	110.8	110.5	108.7106		104	98									125x100
100-315/1100	110	150		138		136.5	134.7132		131	130.8	130.5	128.7126		124	118									125x100
125-200/450	45	60		39.8		39.3	39.239		38.9	38.9	38.8	37.535		34	28.6	25								150x125
125-200/550	55	75		49.8		49.3	49.249		48.9	48.9	48.8	47.545		44	38.6	35								150x125
125-200/750	75	100		60.8		60.3	60.260		59.9	59.9	59.8	58.556		55	49.6	46								150x125
125-250/550	55	75		70		67	6564		63	62	61	59.557		56	53									150x125
125-250/750	75	100		80		77	7574		73	72	71	69.867.1		66.2	63	58.5								150x125
125-250/900	90	125		87		84	8281		80	79	78	7774.5		73.5	70.2	65.7								150x125
125-250/1100	110	150		97		94	9291		90	89	88	8784.6		83.9	80.4	76								150x125
125-315/900	90	125		89					87	86	85	83.781.5		81	77	74	61							150x125
125-315/1100	110	150		103					101	100	99	97.895.5		95	91.5	88.2	75.6							150x125
125-315/1320	132	180		118					116	115	114	112.5110.5		110.3	106.5	103.2	91							150x125
125-315/1600	160	220		138					136.8135.9	135	133.7131.5	131	127.5	124.2	112									150x125
150-200/750	75	100		50							48	47.947.6		47.2	46.7	46.4	40.6	36.8	25.2					200x150
150-200/900	90	125		56							54	53.953.6		53.2	52.7	52.4	48	42.8	31.2					200x150
150-200/1100	110	150		65.2							62	61.761.2		60.8	59.8	59.2	57.2	54	46					200x150
150-250/1100	110	150		67										64.2	62	60.6	55.8	49.8	33.8					200x150
150-250/1320	132	180		80.2										78.2	76.3	75	70.6	65	50.2	29.8				200x150
150-250/1600	160	220		90										88.4	87	86	82	77.2	62.4	42				200x150
150-315/1600	160	220		92										90	88.3	87.2	82.8	76.8	60.4					200x150
150-315/2000	200	270		111										110.6	108.7	107.4	103.4	98.2	83.4	62.2				200x150
150-315/2500	250	340		135										135.4	133.7	132.6	128.6	123.8	110.2	91				200x150

TECHICAL DATA/DATOS TECNICOS

MODEL MODELO	MVC 1 Potencia kw hp		us gpm	Q=DELIVERY/CAUDAL																	DN	
				0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881		1101
				l/min 0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333		4166
				m³/h 0	2427	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250		
65-160/11	1.1	1.5	Head H(m)	8	7.57.4	7.3	7	6.6	6.3	5.8	4.8	3.4									80x65	
65-160/15	1.5	2		9	8.58.4	8.3	8	7.6	7.4	6.9	6	4.6									80x65	
65-160/22	2.2	3		10.3	9.99.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5								80x65	
65-200/15	1.5	2		10		9.6	9.1	8.5	8.2	7.6	6.4	4.6									80x65	
65-200/22	2.2	3		12.4		12.2	11.8	11.3	11	10.4	9.3	7.6									80x65	
65-200/30	3	4		14.4		14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5								80x65	
65-250/30	3	4		15.4		14.6	13.9	13.1	12.6	11.6	9.7	6.7									80x65	
65-250/40	4	5.5		19		18.3	17.8	17.2	16.9	16.1	14.4	11.7									80x65	
65-250/55	5.5	7.5		22.3		21.3	20.9	20.3	19.9	19.2	17.7	15.1	12								80x65	
65-315/40	4	5.5		18.6		17.9	17.3	16.7	16.2	15.2	13.3										80x65	
65-315/55	5.5	7.5		22.1			21.2	20.6	20.2	19.2	17.3	14									80x65	
65-315/75	7.5	10		26.5			25.6	25.2	24.9	24.3	23	20.8	17.6								80x65	
65-315/110	11	15		34.8			34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7					80x65	
80-160/15	1.5	2		7.2					7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80	
80-160/22	2.2	3		8.5					8.6	8.4	8	7.4	6.6	6.2	5.7	5					100x80	
80-200/30	3	4		11.2					11	10.7	10.1	9.2	8	7.3	6.6						100x80	
80-200/40	4	5.5	13.8					13.8	13.6	13.3	12.4	11.3	10.7	10	9					100x80		
80-250/40	4	5.5	16.5					16	15.6	14.8	13.2	11.4	10.2	9						100x80		
80-250/55	5.5	7.5	19.8					19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1					100x80		
80-250/75	7.5	10	23.6					23.5	23.2	22.5	21.3	19.9	19	18.1	16					100x80		
80-250/110	11	15	27.6					27.5	27.2	26.5	25.3	23.9	23	22.1	20		15			100x80		
80-315/55	5.5	7.5	19.7					19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80		

80-315/75	7.5	10	24.6					23.9	23.6	23	21.9	20.4	19.5	18.6	16.3					100x80
80-315/110	11	15	29.9					29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5			100x80
80-315/150	15	20	36.8					36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23			100x80
80-400/185	18.5	25	40.3					39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5			100x80
80-400/220	22	30	45.1					44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7			100x80
80-400/300	30	40	55.1					54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2			100x80
100-160/22	2.2	3	5.9					5.8	5.7	5.5	5.3	5	4.9	4.6	4.3					125x100
100-160/30	3	4	8.2					8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1				125x100
100-160/40	4	5.5	10					10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3			125x100
100-200/40	4	5.5	11.8					11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9			125x100
100-200/55	5.5	7.5	14.8					14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3			125x100
100-250/55	5.5	7.5	15.9					15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9			125x100
100-250/75	7.5	10	19.5					19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7			125x100
100-250/110	11	15	24.3					24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4		125x100
100-250/150	15	20	27.8					27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9		125x100
100-315/150	15	20	29.9					29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8			125x100
100-315/185	18.5	25	35					34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4			125x100
100-315/220	22	30	37					36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6			125x100
100-315/300	30	40	42					41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6			125x100
100-400/300	30	40	46.4						46	46	46	46	45	44		42	40	29.6		125x100
100-400/370	37	50	51.8					51.3	51.2	51.1	51	50.5		49.5	47.5	46	37.3			125x100
100-400/450	45	60	57.1					56.7	56.4	56.1	56	56	55		53	52	45	32.1		125x100

TECHICAL DATA/DATOS TECNICOS

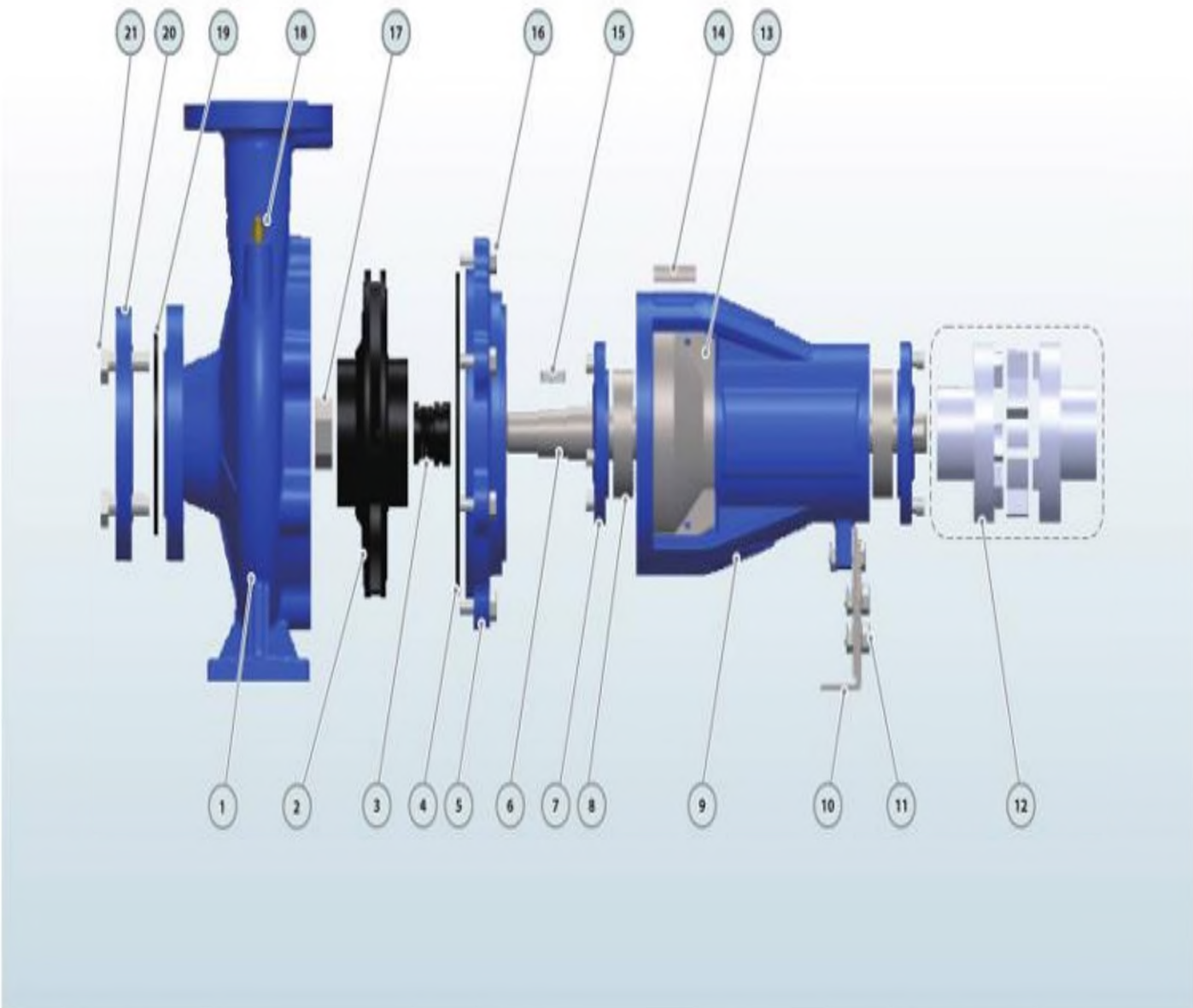
[illegible]

MODEL MODELO	Power Potencia		US gP ^m m³/h 0	Q=DELIVERY/CAUDAL												DN		
	kw	hp		0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075	5586	
				l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200	21133
																	mm	
200-250/185	18.5	25		15.7	15.3	14.8	13.7	12.2	10.6	8.9	6.8						250x200	
200-250/220	22	30		18.5		17.2	16.2	14.8	13.1	11.1	8.7						250x200	
200-250/300	30	40		23.1		21.5	20.5	19.4	17.9	16	13.6	10.8					250x200	
200-315/550	55	75		31.1		30.2	29.8	29.1	27.9	25.8	23.2	19.2	14.8				250x200	
200-315/750	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1				250x200	
200-315/900	90	125		42.1		41.3	41	40.3	39	36.9	34.1	30.4	26.1				250x200	
200-400/750	75	100	H(J)	41		40.6	40.3	39.4	37.7	35	31.3	26.5					250x200	
200-400/900	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9				250x200	
200-400/1100	110	150		52.4		52.2	51.9	51.2	50	48	45.1	41.2	36.2				250x200	
200-400/1320	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50.5	45.4	39.6			250x200	
250-315/550	55	75		26.1			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5		300x250	
250-315/750	75	100		35.4			35.2	34.7	33.8	32.5	30.4	28	25	21.8	16.4		300x250	
250-315/900	90	125		39.8			39.8	39.5	38.8	37.9	36	33.9	31	27.9	22.5		300x250	
250-400/1100	110	150		45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9	300x250	
250-400/1320	132	180		50.8			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5	300x250	
250-400/1600	160	220		56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250

YE3 TECHNICAL DATA

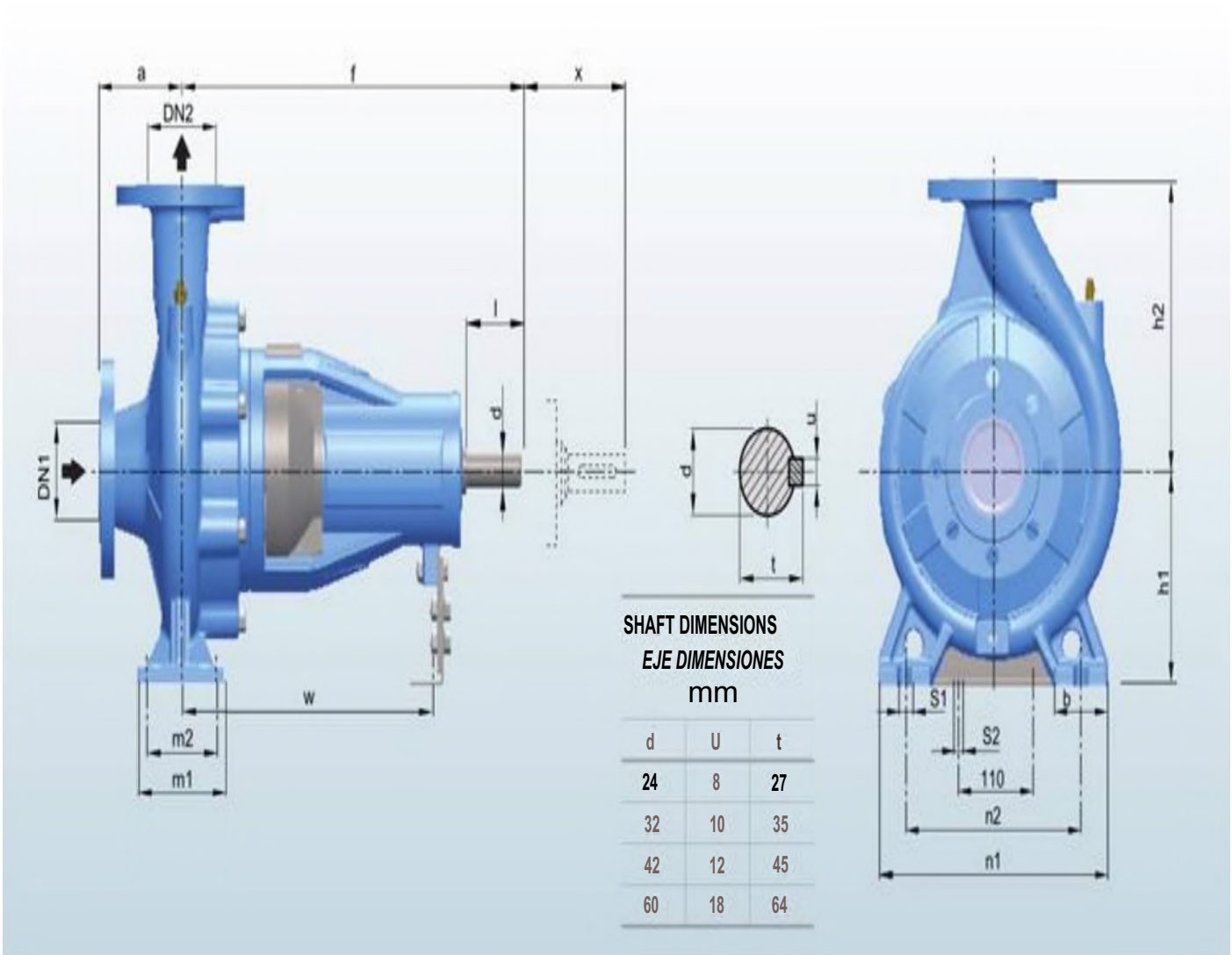
MODEL	Power		rpm	n%	q% at 75%	n% at 50%	COS*	A			Nm	Tmax/Tn	Is/Tn	Is/n	kg
	kw	hp						380V	400V	415V					
YE3-801-2	0.75	1	2880	80.7	80.7	79.1	0.82	1.72	1.64	1.58	2.49	2.3	2.3	7.0	18.1
YE3-802-2	1.1	1.5	2880	82.7	82.7	81.0	0.83	2.43	2.31	2.23	3.65	2.2	2.3	7.3	19.5
YE3-90S-2	1.5	2	2895	84.2	84.2	82.5	0.84	3.22	3.06	2.95	4.95	2.2	2.3	7.6	23.3
YE3-90L-2	2.2	3	2895	85.9	85.9	84.2	0.85	4.58	4.35	4.19	7.26	2.2	2.3	7.6	27.1
YE3-100L-2	3	4	2895	87.1	87.1	85.4	0.87	6.02	5.71	5.51	9.90	2.2	2.3	7.8	38.8
YE3-112M-2	4	5.5	2905	88.1	88.1	86.3	0.88	7.84	7.45	7.18	13.1	2.2	2.3	8.3	48.3
YE3-132S1-2	5.5	7.5	2930	89.2	89.2	87.4	0.88	10.6	10.1	9.75	17.9	2.0	2.3	8.3	55.1
YE3-132S-2	7.5	10	2930	90.1	90.1	88.3	0.88	14.4	13.7	13.2	24.4	2.0	2.3	7.9	69.2
YE3-160M1-2	11	15	2945	91.2	91.2	89.4	0.89	20.6	19.6	18.9	35.7	2.0	2.3	8.1	113
YE3-160M2-2	15	20	2945	91.9	91.9	90.1	0.89	27.9	26.5	25.5	48.6	2.0	2.3	8.1	123
YE3-160L-2	18.5	25	2940	92.4	92.4	90.6	0.89	34.2	32.5	31.3	60.1	2.0	2.3	8.2	142
YE3-180M-2	22	30	2955	92.7	92.7	90.8	0.89	40.5	38.5	37.1	71.1	2.0	2.3	8.2	182
YE3-200L1-2	30	40	2960	93.3	93.3	91.4	0.89	54.9	52.1	50.3	96.8	2.0	2.3	7.6	246
YE3-200L2-2	37	50	2960	93.7	93.7	91.8	0.89	67.4	64.0	61.7	119.4	2.0	2.3	7.6	265
YE3-225M-2	45	60	2965	94.0	94.0	92.1	0.90	80.8	76.8	74.0	144.9	2.0	2.3	7.7	323
YE3-250M-2	55	75	2970	94.3	94.3	92.4	0.90	98.5	93.5	90.2	176.9	2.0	2.3	7.7	413
YE3-280S-2	75	100	2975	94.7	94.7	92.8	0.90	134	127	122	240.8	1.8	2.3	7.1	546
YE3-280M-2	90	125	2975	95.0	95.0	93.1	0.90	160	152	146	288.9	1.8	2.3	7.1	569
YE3-315S-2	110	150	2978	95.2	95.2	93.3	0.90	195	185	179	352.8	1.8	2.3	7.1	897
YE3-315M-2	132	180	2978	95.4	95.4	93.5	0.90	234	222	214	423.3	1.8	2.3	7.1	1029
YE3-315L1-2	160	220	2980	95.6	95.6	93.7	0.91	279	265	256	512.8	1.8	2.3	7.2	1067
YE3-315L2-2	200	270	2980	95.8	95.8	93.9	0.91	349	331	319	640.9	1.8	2.2	7.2	1194
YE3-355M-2	250	340	2982	95.8	95.8	93.9	0.91	436	414	399	800.6	1.6	2.2	7.2	1685
YE3-355L-2	315	430	2982	95.8	95.8	93.9	0.91	549	522	503	1009	1.6	2.2	7.2	1734

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon/SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel

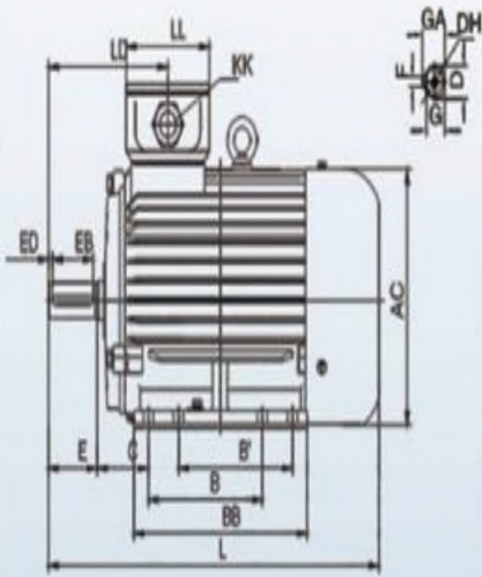
DIMENSIONS AND WEIGHT /DIMENSIONES Y PESOS



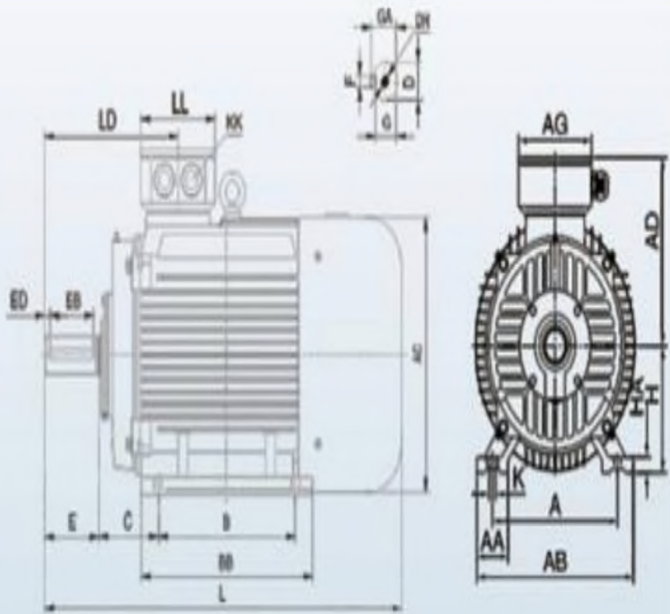
MODEL MODELO	DIMENSIONS/D/MENS/ONES mm																	t o -
	DN1	DN2	3	f	h1	h2	b	m1	m2	n1	n2	s1	S2	w	x	d	l	
32-160	50	32	80	360	132	160	55	95	70	240	190	14	14	260	100	24	50	31
32-200	50	32	80	360	160	180	55	95	70	240	190	14	14	260	100	24	50	31
32-250	50	32	80	360	160	180	55	95	70	240	190	14	14	260	100	24	50	35
40-160	65	40	80	360	132	160	50	100	70	240	190	14	14	260	100	24	50	35
40-200	65	40	100	360	160	180	55	100	70	265	212	14	14	260	100	24	50	38
40-250	65	40	100	360	180	225	65	125	70	320	250	14	14	260	100	24	50	38
50.125	65	50	100	360	132	160	50	100	70	240	190	14	14	260	100	24	50	30
50.160	65	50	100	360	160	180	55	100	70	265	212	14	14	260	100	24	50	30
50*200	65	50	100	360	160	200	50	100	70	265	212	14	14	260	100	24	50	30
50-250	65	50	100	360	180	225	65	125	70	320	250	14	14	260	100	24	50	42
65.125	80	65	100	360	160	180	65	125	70	280	212	14	14	260	100	24	50	42
65.160	80	65	100	360	160	200	65	125	70	280	212	14	14	260	100	24	50	50
65.200	80	65	100	360	180	225	65	125	70	320	250	18	14	260	140	24	50	50
65.250	80	65	100	470	200	250	80	140	70	360	280	18	14	340	140	32	50	71
65-315	80	65	125	470	225	280	80	140	70	360	280	14	14	340	140	32	50	98
80*125	100	80	100	360	180	225	5	140	70	320	250	14	14	260	140	24	50	46
80-160	100	80	100	360	180	225	6	140	70	345	250	14	14	260	140	24	50	48
80-200	100	80	100	470	200	250	5	140	70	345	280	14	14	340	140	32	50	65
80-250	100 80	100	100	470	200	280	9	140	70	400	315	14	14	340	140	32	50	79
80.31S	100	80	125	470	250	315	80	140	70	400	315	14	14	340	140	32	50	118
80.400	100	80	125	540	280	355	80	140	70	400	315	14	14	340	140	32	50	150
100-160	125	100	125	360	200	280	80	140	70	360	280	14	14	260	140	32	50	55
100-200	125	100	125	470	200	280	80	140	70	360	280	14	14	340	140	32	50	75
100*250	125	100	125	470	225	280	80	140	70	400	315	14	14	340	140	32	50	88
100-315	125	100	140	470	250	315	80	140	70	400	315	19	14	340	140	32	50	116
100-400	125	100	140	530	280	355	100	200	150	500	400	23	14	370	140	42	110	178
125.200	150	125	140	470	250	315	80	160	120	400	315	19	14	340	140	32	50	112
125.250	150	125	140	470	250	355	80	160	120	400	315	19	14	340	140	32	50	112
125.31S	150	125	140	530	280	355	100	200	150	500	400	23	14	370	140	42	110	152
125-400	150	125	140	530	315	400	100	200	150	500	400	23	14	370	140	42	110	200
150.200	200	150	160	470	280	400	100	200	150	550	450	23	14	370	140	42	110	166
150-250	200	150	160	530	280	400	100	200	150	550	450	23	14	370	140	42	110	180
ISO-315	200	150	160	530	280	400	100	200	150	550	450	23	14	370	140	42	110	186
150-400	200	150	160	530	315	450	100	200	150	550	450	23	14	370	140	42	110	228
200.250	250	200	180	530	355	475	100	200	150	550	450	23	14	370	200	42	110	230
200-315	250	200	180	530	355	480	100	200	150	550	450	23	14	370	200	42	110	234
200-400	250	200	180	770	400	500	110	300	250	710	600	28	14	525	250	60	140	363
250.31S	300	250	250	530	400	500	110	300	250	710	600	28	14	525	250	60	140	316
250-400	300	250	250	770	400	560	110	300	250	710	600	28	14	525	250	60	140	400

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DIMENSIONS/D/Mf/V\$/ONES



80-132



160-355

MODEL MODELO	DIMENSIONS/DIOS/ONES mm																							
	A	AA	AB	AC	AD	AG	B	BB	c	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LD	LL
80	125	M	160	167	147	102	100	150	SO	19	M6X16	40	30	25	6	15.5	215	80	10	4410	1-M25XL5	304	119	102
90S	140	36	176	182.4	1545	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4.CQ0	1-M2SXL5	336	143	102
901	140	36	176	182.4	1545	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-010	1-M25XL5	361	143	102
100L	160	40	200	205,4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4412	1-M32XL5	406	147	102
112M	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4.W2	2-M32XL5	394	147	110
132S	216	55	265	25R4	203	118	140	186	89	38	M12X28	80	65	5	10	33	41	132	18	4.W	2 初 2X15	338	172	no
132M	216	S5	265	25M	203	118	178	224	89	38	M12X28	80	65	7.5	10	33	41	132	18	4412	2-M32X15	476	172	no
160M	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	73	12	37	45	160	20	_5	2_1S	608	256	152
160L	254	65	314	314	2S1	162	254	304	108	42	M16X36	110	90	10	12	37	45	ieo	20	4-@14,52	-M40X15	652	2S6	152
180M	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	425	5L5	180	22	_5	2-M40XL5	688	271	152
180L	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	425	515	180	22	刪疆	5 726	271	152	
200L	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	10	16	49	59	200	25	4-0.5 2-M50X15	779	296	190	
225S	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	5	18	53	64	225	28	4-@1&52	-M50X1S	824	329	190
22SM	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	7.5	16	49	59	225	28	4418.52^	50X15	819	299	190
2S0M	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	73	18	53	64	250	30	4.\$24	2-M63X15	910	347	218
280S	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	73	18	58	69	280	35	024	2 櫛 XIS	982	355.5	218
280M	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-024	2-M63X15	1033	355.5	218
315S	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	028	2M63XL5	1194	397	280
31SM	S08	120	628	620	527	320	457	680	216	65	M20X42	140	125	75	18	58	69	315	45	4.\$28	2-M63X15	1304	397	280
315L	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4.W8	2^63X15	1304	397	280
3SSM	610	116	726	698	642	380	560	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6補	2-M63XL5	1486	414	330
355L	610	116	726	698	642	380	630	750	254	75	M20X42	140	130	5	20	67.5	79.5	3S5	52	6① 282 櫛	XIS	1486	414	330



End Suction Pumps PST

Close Coupled Fire Pump for Fire Fighting System

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

Product Description

Technical Description

New EN733 standard centrifugal pump
 Impeller in stainless steel AISI 304 or cast iron
 Shaft in stainless steel AISI 304 or galvanized iron
 Galvanized counter flange with bolts, nuts and gaskets
 Quality NSK bearing, wear resistance mechanical seal

Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
 The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

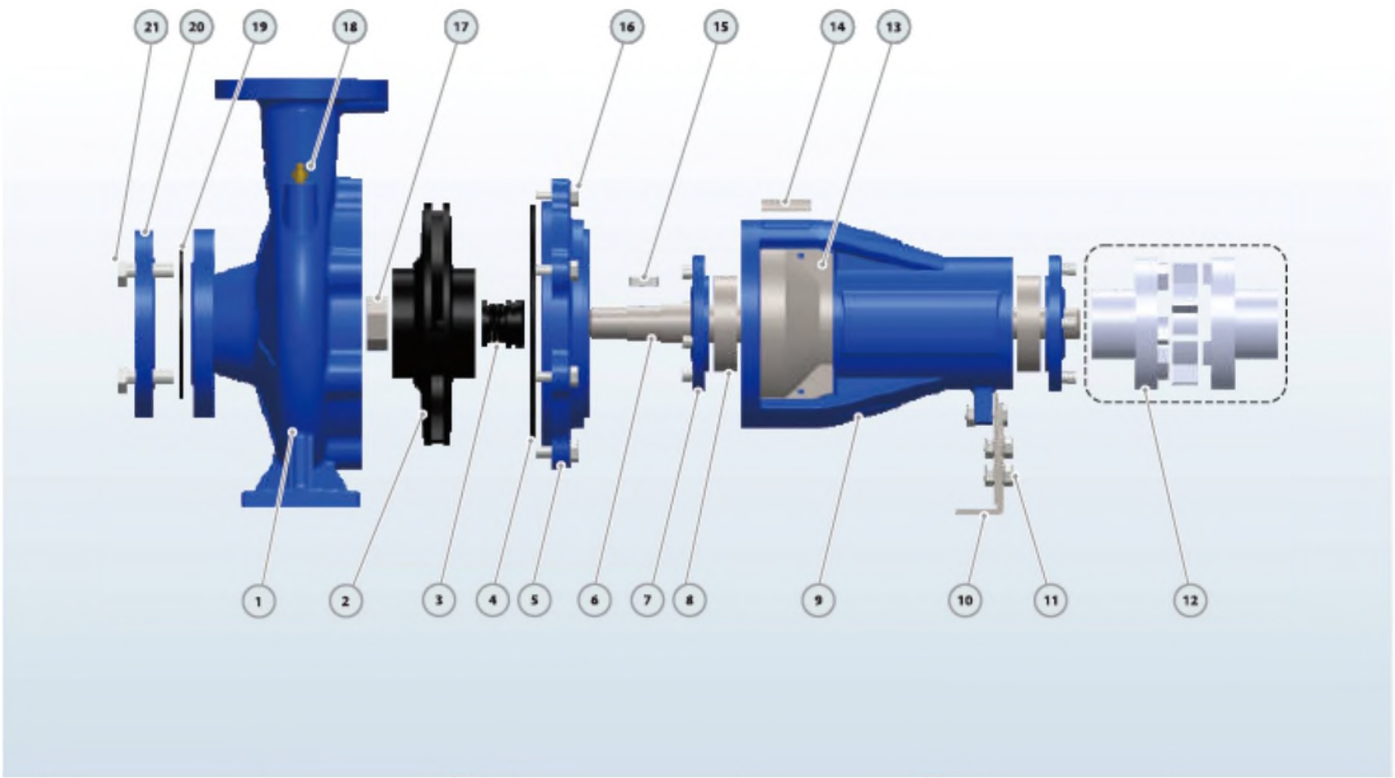
Using Limits

Liquid temperature between -10°C and +120°C
 Ambient temperature up to +50°C
 Max. working pressure 16 bar
 Continuous service S1

Standard Impeller Material

DISCHARGE SIZE TAMAYODE DESCARGA	IMPELLER SIZE TAMAYO DEL 9APULSOR						
	125	160	200	250	250D	315	400
32	SS304/Inox304	SS304/*x 304	SS304/*xw 304	Cast iron/FuidKi6n	SS3M/hcx 304		
40	Cast wor\Fundid6n	Cast rcr\Fundci6n	SS304/Inox 304	Cast ivor\Fundci6n	/		
50	Cast lxn\Fmdio6n	Cast iron/Fundición	Cast iroVFiodbttn	Cast iron/Fundicibn	/		
65	Cast 'mn/Fundid6n	Cast rcn/Furutcidn	Cast iton/FurKicidn	Cast ivon/FundiciAn	/	Cast trciy/FuKScidn	
80	Cast won/Fuidia6n	Cast tron/Fuufd6n	Cast kcn/Fmddd	Cast iror/Fm<fd6n	/	Cast iron/Fmdcidn	Cast irorV^iodcidn
100		Cast iron/Fundición	Cast ircn/F^dcid6n	Cast ivon/Furxicidn	/	Cast rcn/Fmdci6n	Cast Ircn/Fu}dcid6n
125			Cast vor\FuHSd6n	Cast ivor\Fuidei6n	/	Cast ron/Fmdci6n	Cast ircn/Fimfd6n
150			Cast rori/Fundcidn	Cast imn/Fmdtidn	/	Cast vcn/FiiHfci6n	Cast irof\FuTdcidn
200				Cast ivon/Fmd) d6n	/	Cast rcn/Fuideidn	Cast iron/Fmdcidn
250					/	Cast rcn/F^dei6n	Cast ircn/Fundeid6n

Material Description



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	15	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	9	Support Case Cuerpo Soporte	Cast iron Fundición	16	Connection Bolt Perno	Steel Acero
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	10	Support Foot Soporte Pie	Iron Hierro	17	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
4	O-ring Junta Tónica	Rubber Caucho	11	Foot Bolt Perno	Steel Acero	18	Release Valve Tapón Cebado	Brass Bronce
5	Connection Conexión	Cast iron Fundición	12	Coupling(Optional) Unión(Opcional)	Steel Acero	19	Gasket Empague	Rubber Caucho
6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	13	Case Cover Tapa Cuerpo	SS304 Inox304	20	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
7	Bearing Cover Tapa Rodamiento	Cast iron Fundición	14	Nameplate Letrero	Aluminum Aluminio	21	Flange Bolt Perno de Brida	Steel Acero

MODEL/MODELO Three-phase TrfUsico	DIMENSIONS / DIMENSIONESmm															kg			
	DN1	DN2	a	f	h	h!	n	n!	nV	n2	b	w	m	s1	sV	3*			
6S-250/220	80	65	116	870	420	180	369	260	279	320	70	246	241	18	IS	210			
65-250/300				250	318	327		293	305	19		230							
6S.250/370													990		456	195	240		
80-200/220	100	80	118	880	460	250	360	279	260		95		25«	246	241	20	IS	212	
80*200/300				9S0						318		310	228					305	222
80-250/370				980	537								490					356	310
80*250/450			1160			406	229	311	385										
80-250/550			910			279	256	349	24	497									
100-200/220			1025			530	225	422	324	318	402	115		248	241	18	15		
100-200/300			125	100	140	1000	sao	250	418	310	406	402	95	325	349	20	19	20	2S0
100*200/370	1180	280				436													503
100.250/450	1250	535																	
100-2 50/5S0																			
100-250/750																			

Technical Data

50Hz n=2900 1/min

MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																		DN	
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				kw	hp	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120		118
32-12 S/07 °	0.75	1	H(m)	17.5	16.7	15	12	9														50x32	
32-12S/11 °	LI	L5		22	21	19.7	165	145	9													50x32	
32-160/15 •	15	2		25.4	23.7	22.5	18.5	153														50x32	
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15													50x32	
32-160/30 •	3	4		35	34.3	34	28	255	19	15												50x32	
32-200/30 •	3	4		44.2	43	39.3	35.2	32.2	24.6	19.3												50x32	
32-200/40 •	4	55		54.5	52	50	45.5	41.9	35	30.3												50x32	
32-250/55 •	55	75		60	59.5	59	55	51	34.5													50x32	
32-250/7S •	75	10		69.5	69	68.5	66	63	53													50x32	
32-250/110 •	11	15		90	89.5	89	82	79	66													50x32	
32-250/5 SDc	55	7S		79.5	74.7	71.3	63	56	37.5													50x32	
32-250/7 5Do	75	10		95	93	91	83	76	57.3													50x32	
40-12S/11 °	LI	15		14.7				13.5	11.5	10.1	5.3											65x40	
40-12S/1S °	15	2		18.1				17	15	13.9	9.6	6										65x40	
40-125/22 °	22	3		24.5				23.2	21.5	20.2	16	13	&3									65x40	
40-160/30 •	3	4		31.8				29.5	27.5	26.3	21.5	17.5										65x40	
40-160/40 •	4	55		38				36	34	33	28.5	25	2Q1									65x40	
40-200/55 •	55	75		46				43.3	41.3	40.1	35	30										65x40	
40-200/75 •	75	10		57				53.6	51.5	50	45	41	3&5									65x40	
40-250/92 •	92	12.5		64				59	56.5	55	49.5	45	39.8									65x40	
40-250/110 •	11	15		72				67.5	66	63.5	57.5	52.2	47									65x40	
40-250/150*	15	20		84.5				80	77.3	75.2	71	65	61									65x40	
S0-U5/22 •	22	3		17							15.4	14	12.8	11.5	6.5							65x50	
50-U5/30 •	3	4		20							18.3	18	17	15.6	11							65x50	
50-125/40 •	4	55		24							23.1	23	21.5	20.3	15.3	11.3						65x50	
S0-160/55 •	55	75		32							30.6	30	28	26.6	20.5	14.8						65x50	
50-160/75 •	75	10		40							38	37	36	34.4	29	24	21					65x50	
50-200/92 •	92	125		50.5							46.3	45	43	40.9	32.3	26.7						65x50	
50-200A10 •	11	15		57.5							53.5	52	50	47.5	40	34	29					65x50	
50-200/150 •	15	20		62							58	56.5	54.5	52	44.5	39	35.5					65x50	
50-2S0/150 •	15	20		68.5							64	63	61.5	59	50	41						65x50	
50-250/185 •	18.5	25		79							75.3	74.3	74	71.5	63.5	55.5	47					65x50	
50-250/220 •	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57					65x50	
65-US/40 •	4	5S		19										17.3	16.8	14.5	13	11.3				d0x65	
65-12S/5S •	55	75		23										21.3	20.9	19	17.5	16.7	13.7			80x6S	
65-U5/75 •	75	10		27										26	25.6	24.5	23	22.5	20	18		80x65	
65-160/92 •	92	125		33											31.5	30	28	27.1	24	21.5		80x65	
65-160/110 •	11	15		36											34.5	33	31.5	30.3	28	25.5		80x65	
65-160/150 •	15	20		42											41	40	38.5	37.3	35	33	29.5	80x65	
65-200/150 •	15	20		45											45.5	43	41	40.2	36.5	34		80x65	
65-200/18S •	18.5	25	52											52.3	51	49	48.2	44.5	42		80x65		
65-200/220 •	22	30	S9											59.5	58	56	55	52	49.5	44.5	a0x65		
65-250/220 *	22	30	64.8											64.7	62	60	53.5	53	50		80x65		
65-250/300 •	30	40	80											79.8	77.5	75.5	74.5	70	66	58	80x65		
65-250/370 •	37	50	92											90.5	88.5	87	85	80.5	78	68	80x65		
65-315/370 •	37	50	102											99.2	97	95	94.5	92.4	90	83	80x65		
65-315/450*	45	60	112											109.2	107.7	105.3	104.5	102.5	100	93	66	80x65	
6S-315/550*	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76	80x65	
65-315/750 •	75	100	141											139.3	137.3	135.6	134.5	132.3	130	122	96	655	80x65
80-125/40 •	4	55	17											1&5	15.9	14.3	13.5	11.6	10	7.5		100xflO	
80-125/55 •	55	75	21											2Q5	20	19	18	16.5	15	12.5	9LS	100x80	
80-125/75 •	75	10	26											25	25	24.5	23.3	22.5	21.3	14.5	16.5	100x80	

°=PST available °=PS available °=PST&PS available/d/spon/b/e

Technical Data

50Hz n=2900 1/min

MODEL MODELO	Power Potencia		us gem l/min m³/h	Q ³ DEUVERY/ C4L/D4I																		DN
	kw	hp		0	264	396	S29	6M	793	881	92S	969	1057	1233	1322	1S86	1762	2203	2543	3S24	440S	
				0	1000	1S00	2000	2400	3000	3333	3500	S666	4000	4666	SOOO	E000	6666	8333	10000	13331	16666	
	kw	hp		0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	mm
80160/110 •	11	15	3000	27	27	273	245	211	16													100x80
80-160/1S0 •	15	20		32.8	32.6	323	3Q2	27	221	18.5	16.7											100x80
80-160/135 •	18.5	25		39	38.5	38	3&7	33.6	28.8	253	23.5											100x80
80*160/220 •	22	30		44	435	43	417	38.6	33.8	303	28.5											100x80
80*200/220 •	22	30		48	47.7	475	415	392	32.5	272	24.5											100x80
80-200/300 •	30	40		60	597	595	57	53.1	47	427	40.5											100x80
80-250/370 •	37	50		71.5	70.9	70S	65.5	593	51	432	38.5											100x80
80-2S0/450 •	45	60		88	86.7	86	816	78.5	70.5	60	51											100x80
802S0/550 •	55	75		94.5	945	945	918	87	79.5	721	68.3											100x80
80-315/450 •	45	60		85	84	82.6	82	78	68.3	61	56											100x80
80-315/550 •	5S	75		98	97	95.6	95	91	81.3	74	69											100x80
80-315/750 •	75	100		124	123	121.6	121	117	107.3	100	95	90	803									100x80
80-315/900 •	90	125		144	143	141.6	141	137	127.3	120	U5	110	1003									100x80
100-16(yi50 •	15	20		35	33S	323	30	273	24.5	21.5	20	183	15									125x100
100-16C/185 •	18.5	25		38.5	375	36.5	34.3	322	29	25.7	24	22	18									125x100
100-16(^220 •	22	30		43	41	40	37.6	352	31.5	28.5	27	253	22									125x100
100-20CV220 •	22	30		38.5	36.7	35.7	318	3L7	28.5	263	26	25	22.9	163	13							125x100
100-20(^300 •	30	40		44.5	42.5	42	4G2	383	36.7	342	33	3L7	29	217	18							125x100
100-20CV370 •	37	50		55	53	51	5Q6	492	47	45	44	423	40.5	323	29							125x100
100-25(X450 •	45	60		65	65	64	63	61	58	56	55	533	50	39	335							125x100
100-25(y5S0 •	55	75		77	76	755	75	733	72	7L7	71.5	70.7	69	623	59							125x100
100-25(^750 •	75	100		91	91	90.5	89.7	8S	85.5	84	83.3	81.5	78	717	68.5	48						125x100
100-315/550 •	55	75		80			79	77.4	75	74	73.5	73	713	68	66	60						125x100
100-315/750 •	75	100		100			99	97.4	95	94	93.5	93	913	88	86	ao						125x100
10031V900 •	90	125		118			116.5	114.7	112	111	U03	1105	1087	106	104	98						125x100
100-315/1100 •	110	150		138			136.5	1347	132	131	BOB	130S	128.7	126	124	118						125x100
12S-20CV450 •	45	60		39.8			3ft3	392	39	38.9	38.9	383	375	35	34	2&6	25					150x125
125-200/550 •	55	75		49.8			493	492	49	43.9	48.9	483	475	45	44	3&6	35					150x125
125-200/750 •	75	100		60.8			603	602	60	59.9	59.9	593	58.5	56	55	4916	46					150x125
U5-2S0/550 •	55	75		70			67	6S	64	63	62	61	59.5	57	56	53						150x125
125-250/750 •	75	100		80			77	75	74	73	72	71	693	67J	662	63	585					150x125
12S-250/900 •	90	125		87			84	82	81	80	79	78	77	745	735	70.2	65.7					150x125
L25-250A100 •	110	150		97			^4	92	91	90	的	88	87	84.6	83.9	8Q4	76					150x125
125-315/900 •	90	125		89						87	86	85	83.7	81.5	81	77	74	61				150x125
L25-315A100 •	110	150	103						101	100	99	973	955	95	915	882	75.6				150x125	
125-315A320 •	132	180	11B						116	US	114	1123	1105	1103	106.5	1032	91				150x125	
U5-315A600 •	160	220	138						1363	135^	135	133.7	131.5	131	127.5	1242	112				150x125	
150-200/750 •	75	100	50								43	47.9	47.6	472	4&7	46.4	40.6	36B	25.2		200x150	
150-200/900 •	90	125	56								54	535	53.6	532	527	524	48	423	312		200x150	
150*200/1100 •	110	150	65.2								62	61.7	612	603	59.8	592	57.2	54	46		200x150	
150^250/1100 •	110	150	67												642	62	60.6	55.8	493	33.8	200x150	
150-250A320 •	132	iao	80.2												782	763	75	70.6	65	sa2	29.8	200x150
150-250A600 •	160	220	90												88.4	87	86	82	772	624	42	200x150
150315/1600 •	160	220	92												90	883	872	82.8	763	6Q4		200x150
150-315/2000 •	200	270	111												1106	10&7	107.4	103.4	982	814	62.2	200x150
150-315/2500 •	250	340	135												135.4	133.7	132.6	128.6	1233	110.2	91	200x150

• =PS available •=PST&PS available/disponibte

Product Description

Technical Description

New EN733 standard centrifugal pump
 Impeller in stainless steel AISI 304 or cast iron
 Shaft in stainless steel AISI 304 or galvanized iron
 Galvanized counter flange with bolts, nuts and gaskets
 Quality NSK bearing, wear resistance mechanical seal

Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
 The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

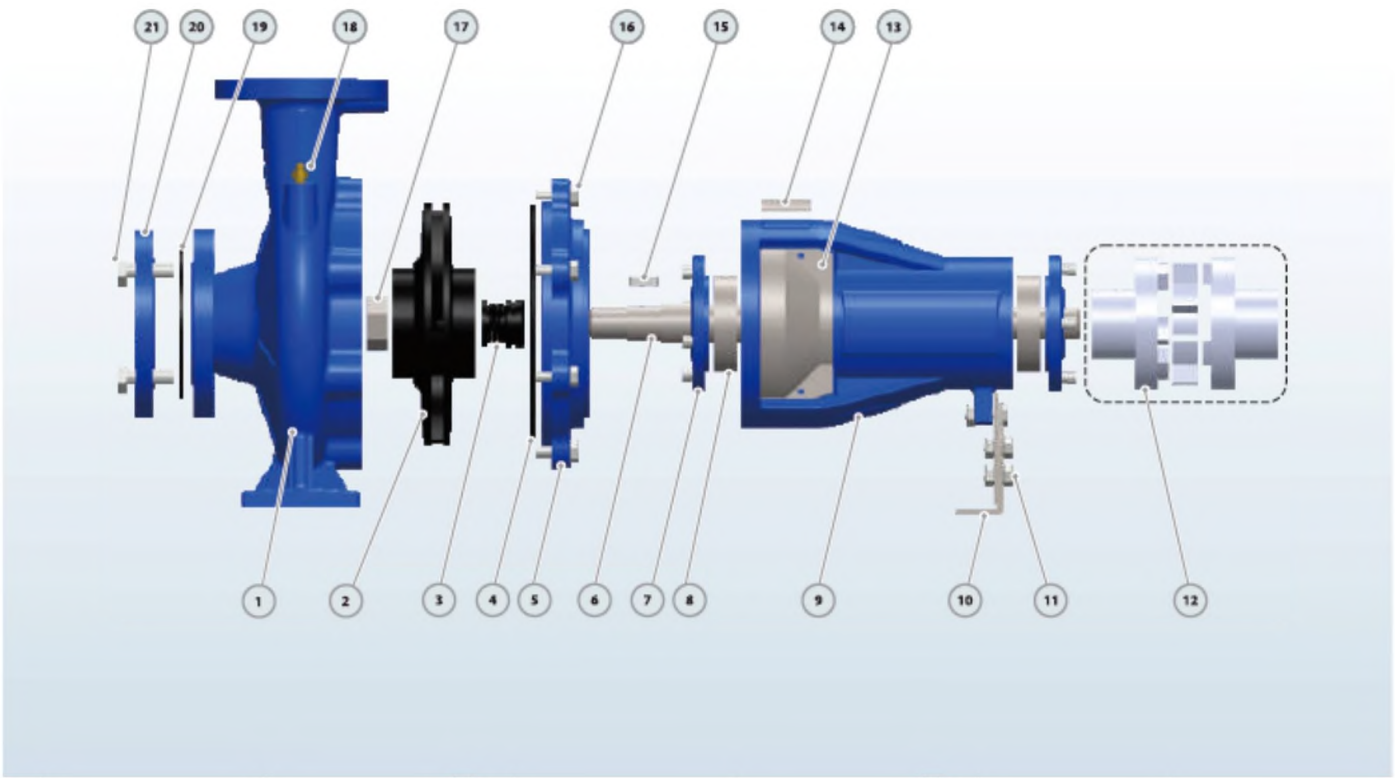
Using Limits

Liquid temperature between -10°C and +120°C
 Ambient temperature up to +50°C
 Max. working pressure 16 bar
 Continuous service S1

Standard Impeller Material

DISCHARGE SIZE TAMAYO DESCARGA	IMPELLER SIZE TAMAYO DEL 9APULSOR						
	125	160	200	250	250D	315	400
32	SS304/Inox304	SS304/*x 304	SS304/*xw 304	Cast iron/FuidKi6n	SS3M/hcx 304		
40	Cast wor\Fundid6n	Cast rcr\Fundci6n	SS304/Inox 304	Cast ivor\Fundci6n	/		
50	Cast lxn\Fmdio6n	Cast iron/Fundición	Cast iroVFiodbttn	Cast iron/Fundicibn	/		
65	Cast 'mn/Fundid6n	Cast rcn/Furutcidn	Cast iton/FurKicidn	Cast ivon/FundiciAn	/	Cast trciy/FuKScidn	
80	Cast won/Fuidia6n	Cast tron/Fuufd6n	Cast kcn/Fmddd	Cast iror/Fm<fd6n	/	Cast iron/Fmdcidn	Cast irorV^iodcidn
100		Cast iron/Fundición	Cast ircn/F^dcid6n	Cast ivon/Furxicidn	/	Cast rcn/Fmdci6n	Cast Ircn/Fu}dcid6n
125			Cast vor\FuHSd6n	Cast ivor\Fuidei6n	/	Cast ron/Fmdci6n	Cast ircn/Fimfd6n
150			Cast rori/Fundcidn	Cast imn/Fmdtidn	/	Cast vcn/FiiHfci6n	Cast irof\FuTdcidn
200				Cast ivon/Fmd) d6n	/	Cast rcn/Fuideidn	Cast iron/Fmdcidn
250					/	Cast rcn/F^dei6n	Cast ircn/Fundeid6n

Material Description



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	15	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	9	Support Case Cuerpo Soporte	Cast iron Fundición	16	Connection Bolt Perno	Steel Acero
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	10	Support Foot Soporte Pie	Iron Hierro	17	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
4	O-ring Junta Tónica	Rubber Caucho	11	Foot Bolt Perno	Steel Acero	18	Release Valve Tapón Cebado	Brass Bronce
5	Connection Conexión	Cast iron Fundición	12	Coupling(Optional) Unión(Opcional)	Steel Acero	19	Gasket Empague	Rubber Caucho
6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	13	Case Cover Tapa Cuerpo	SS304 Inox304	20	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
7	Bearing Cover Tapa Rodamiento	Cast iron Fundición	14	Nameplate Letrero	Aluminum Aluminio	21	Flange Bolt Perno de Brida	Steel Acero

[illegible]

Technical Data

60Hz n=3500 1/min

MODa MODELO	Tower		US 9pm l/min ft³/h	Q= DeUVEKY, CAUDAL																				DN
	Potencia			0	26	40	66	79	106	119	1S9	18S	211	238	317	370	396	476	S29	608	793	925		
	kw	hp		0	100	ISO	2 SO	300	400	4S0	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500		
				0	6	9	IS	18	24	27	36	42	48	54	72	84	90	108	120	138	1的	210		
32-12 5A>7 o	0.75	1	Mfm	17.5	16.7	15	12	9														50x32		
32-125/11 o	11	15		22	21	19.7	165	145	9													50x32		
32.160/15 •	15	2		25.4	23.7	225	185	IS名														50x32		
32.160/22 •	22	3		31	29J6	285	245	22	15													50x32		
32-160/30 •	3	4		35	343	34	28	255	19	15												50x32		
32-200/30 •	3	4		44.2	43	39名	352	322	24.6	19名												50x32		
32-200/40 •	4	55		54.5	52	50	455	41J9	35	303												50x32		
32-2S0/5S •	53	IS		60	595	59	55	S3	49	46												50x32		
32-250/75 •	75	10		75	743	743	735	725	68.5	673	60											50x32		
32-2S0/110 •	11	15		90	875	8S3	82	79	75	72	6S											50x32		
32-2S0/5SDc	55	75		79.5	77	74	70	66	54	42												50x32		
32-250/7 SO o	75	10		95	93	91	87	83	75	70	32											50x32		
40-12 5A1 o	1J	15		14.7				135	11.S	101	S3											65x40		
40*12 SA 5 ®	15	2		18.1				17	15	133	9羌	6										65x40		
40-125/22 o	22	3		24.5				232	21.5	202	16	13	&3									65x40		
40-160/30 •	3	4		31.8				295	27.S	263	215	173										65x40		
40*160/40 •	4	55		38				36	34	33	285	25	20L1									65x40		
40 200/55 •	55	75		46				433	41.3	401	3S	30										65x40		
40-200/75 •	75	10		57				S3^	S1.S	50	45	41	36i5									65x40		
40-250/92 •	92	12.S		64				59	56.S	ss	495	45	39L8									65x40		
40 250/110 •	11	15		78				75	73	72	67	63	56	43								65x40		
40-250A50 •	15	20		88.5				835	80.S	79	74	703	6S	S2								65x40		
50-125/22 •	22	3		17							15.4	14	128	11.5	6.S							65x50		
50-125/30 •	3	4		20							183	18	17	15.6	11							65x50		
50-125/40 •	4	55		24							231	23	2L5	20.3	1S3	113						65x50		
50-160/55 •	S3	75		32							30石	30	28	26.6	205	143						65x50		
50-160/75 •	75	10		40							38	37	36	M.4	29	24	21					65x50		
50-200/92 •	92	12.S		50.S							463	4S	43	40.9	325	26.7						65x50		
50-200/110 •	11	IS		57.5							533	52	SO	47.5	40	弘	29					65x50		
50-200/150 •	15	20		62							58	S6S	545	S2	445	39	3SS					65x50		
50-250A50*	15	20		68.S							64	63	61S	S9	SO	41						6SxS0		
50-250A85 •	18.5	25		79							753	743	74	71.5	63S	555	47					65x50		
50-250/220 •	22	30		89.5							86	853	84	81.5	735	65.5	57					65x50		
65-125/40 •	4	5.5		19										17.3	16.8	14.5	13	113				80x65		
65-125/55 •	55	75		23										2L3	20.9	19	175	16.7	13.7			80x65		
65-125/75 •	7S	10		27										26	25.6	24.5	23	22.5	20	18		80x65		
65-160/92 •	92	12.5		33											31.5	30	28	27.1	24	215		80x65		
65-160/110 •	11	15		36											34.5	33	31.5	303	28	25.5		80x65		
65-160A50 •	15	20		42											41	40	38.5	373	35	33	29.5	80x65		
65-200A50 •	15	20		45											45.5	43	41	402	36.5	34		80x65		
65-200A85 •	18.5	25	S2											52.3	51	49	482	44.5	42		80x65			
65-200/220 •	22	30	59											59.5	58	56	55	52	49.5	44.5	80x65			
6S-250/220 •	22	30	M.8											64.7	62	60	58.5	53	50		80x65			
65*250/300 •	30	40	80											79.8	775	75.5	74.5	70	66	58	80xb5			
65-250/370 •	37	50	92											90.5	88.5	87	85	80.5	78	63	80x65			
65-315/370 •	37	50	102											^9.2	97	95	^4.5	92.4	90	83	80x65			
65-315/450 •	45	60	112											1092	107.7	1053	104.5	102.5	100	93	66	80x65		
65 315/550 •	55	75	122											U92	117.4	115.7	114.5	112.5	110	103	76	80x65		
6S-315/750 •	75	100	141											1393	1373	135.6	134.5	1325	130	122	%	65.5	80x65	
80-125/40 •	4	5*5	17											I&S	15.9	143	135	11.6	10	7.5		100x80		
的 12S/5S •	55	75	21											2Q5	20	19	18	16.5	15	125	as	100x80		
80-125/75 •	7S	10	26											25	25	24.5	233	22.5	21.5	19.5	16.5	100x80		

° = PST available ° =PS available °=PST&PS availsble/d/apon/b/e

Technical Data

60Hz n=3500 1/min

MODEL MODELO	Power Potencia		us gem l/min rn^/h	Q^DEUVERY/ C4L/D4I																	DN		
	kw	hp		0	264	396	S29	6M	793	881	92S	969	1057	1233	1322	1S86	1762	2203	2543	3S24		440S	
				0	1000	1S00	2000	2400	3000	3333	3500	S666	4000	4666	SOOO	E000	6666	8333	10000	13331		16666	
				0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	mm	
80160/110 •	11	15	" (叫	27	27	273	245	211	16													100x80	
80-160/1S0 •	15	20		32.8	32.6	323	3Q2	27	2Z1	18.5	16.7												100x80
80-160/135 •	18.5	25		39	38.5	38	3&7	33.6	28.8	253	23.5												100x80
80*160/220 •	22	30		44	435	43	417	38.6	33.8	303	28.5												100x80
80*200/220 •	22	30		48	47.7	475	415	392	32.5	272	24.5												100x80
80-200/300 •	30	40		60	597	595	57	53.1	47	4Z7	40.5												100x80
80-250/370 •	37	50		71.5	70.9	70S	65.5	593	51	432	38.5												100x80
80-2S0/450 •	45	60		88	86.7	86	816	78.5	70.5	60	51												100x80
802S0/550 •	55	75		94.5	945	945	918	87	79.5	721	68.3												100x80
80-315/450 •	45	60		85	84	82.6	82	78	68.3	61	56												100x80
80-315/550 •	5S	75		98	97	95.6	95	91	81.3	74	69												100x80
80-315/750 •	75	100		124	123	121.6	121	117	107.3	100	95	90	803										100x80
80-315/900 •	90	125		144	143	141.6	141	137	127.3	120	U5	110	1003										100x80
100-16(yi50 •	15	20		35	33S	323	30	273	24.5	21.5	20	183	15										125x100
100-16C/185 •	18.5	25		38.5	375	36.5	34.3	322	29	25.7	24	22	18										125x100
100-16(^220 •	22	30		43	41	40	37.6	352	31.5	28.5	27	253	22										125x100
100-20CV220 •	22	30		38.5	36.7	35.7	318	3L7	28.5	263	26	25	22.9	163	13								125x100
100-20(^300 •	30	40		44.5	42.5	42	4G2	383	36.7	342	33	3L7	29	217	18								125x100
100-20CV370 •	37	50		55	53	51	5Q6	492	47	45	44	423	40.5	323	29								125x100
100-25(X450 •	45	60		65	65	64	63	61	58	56	55	533	50	39	335								125x100
100-25(y5S0 •	55	75		77	76	755	75	733	72	7L7	71.5	70.7	69	623	59								125x100
100-25(^750 •	75	100		91	91	90.5	89.7	8S	85.5	84	83.3	81.5	78	717	68.5	48							125x100
100-315/550 •	55	75		80			79	77.4	75	74	73.5	73	713	68	66	60							125x100
100-315/750 •	75	100		100			99	97.4	95	94	93.5	93	913	88	86	ao							125x100
10031V900 •	90	125		118			116.5	114.7	112	111	U03	1105	1087	106	104	98							125x100
100-315/1100 •	110	150		138			136.5	1347	132	131	BOB	130S	128.7	126	124	118							125x100
12S-20CV450 •	45	60		39.8			3ft3	392	39	38.9	38.9	383	375	35	34	2&6	25						150x125
125-200/550 •	55	75		49.8			493	492	49	43.9	48.9	483	475	45	44	3&6	35						150x125
125-200/750 •	75	100		60.8			603	602	60	59.9	59.9	593	58.5	56	55	4916	46						150x125
U5-2S0/550 •	55	75		70			67	6S	64	63	62	61	59.5	57	56	53							150x125
125-250/750 •	75	100	80			77	75	74	73	72	71	693	67J	662	63	585						150x125	
12S-250/900 •	90	125	87			84	82	81	80	79	78	77	745	735	70.2	65.7						150x125	
L25-250A100 •	110	150	97			^4	92	91	90	的	88	87	84.6	83.9	8Q4	76						150x125	
125-315/900 •	90	125	89						87	86	85	83.7	81.5	81	77	74	61					150x125	
L25-315A100 •	110	150	103						101	100	99	973	955	95	915	882	75.6					150x125	
125-315A320 •	132	180	11B						116	US	114	1123	1105	1103	106.5	1032	91					150x125	
U5-315A600 •	160	220	138						1363	135^	135	133.7	131.5	131	127.5	1242	112					150x125	
150-200/750 •	75	100	50								43	47.9	47.6	472	4&7	46.4	40.6	36B	25.2			200x150	
150-200/900 •	90	125	56								54	535	53.6	532	527	524	48	423	312			200x150	
150*200/1100 •	110	150	65.2								62	61.7	612	603	59.8	592	57.2	54	46			200x150	
150^250/1100 •	110	150	67											642	62	60.6	55.8	493	33.8			200x150	
150-250A320 •	132	iao	80.2											782	763	75	70.6	65	sa2	29.8		200x150	
150-250A600 •	160	220	90											88.4	87	86	82	772	624	42		200x150	
150315/1600 •	160	220	92											90	883	872	82.8	763	6Q4			200x150	
150-315/2000 •	200	270	111											1106	10&7	107.4	103.4	982	814	62.2		200x150	
150-315/2500 •	250	340	135											135.4	133.7	132.6	128.6	1233	110.2	91		200x150	

• =PS available •=PST&PS available/disponibte



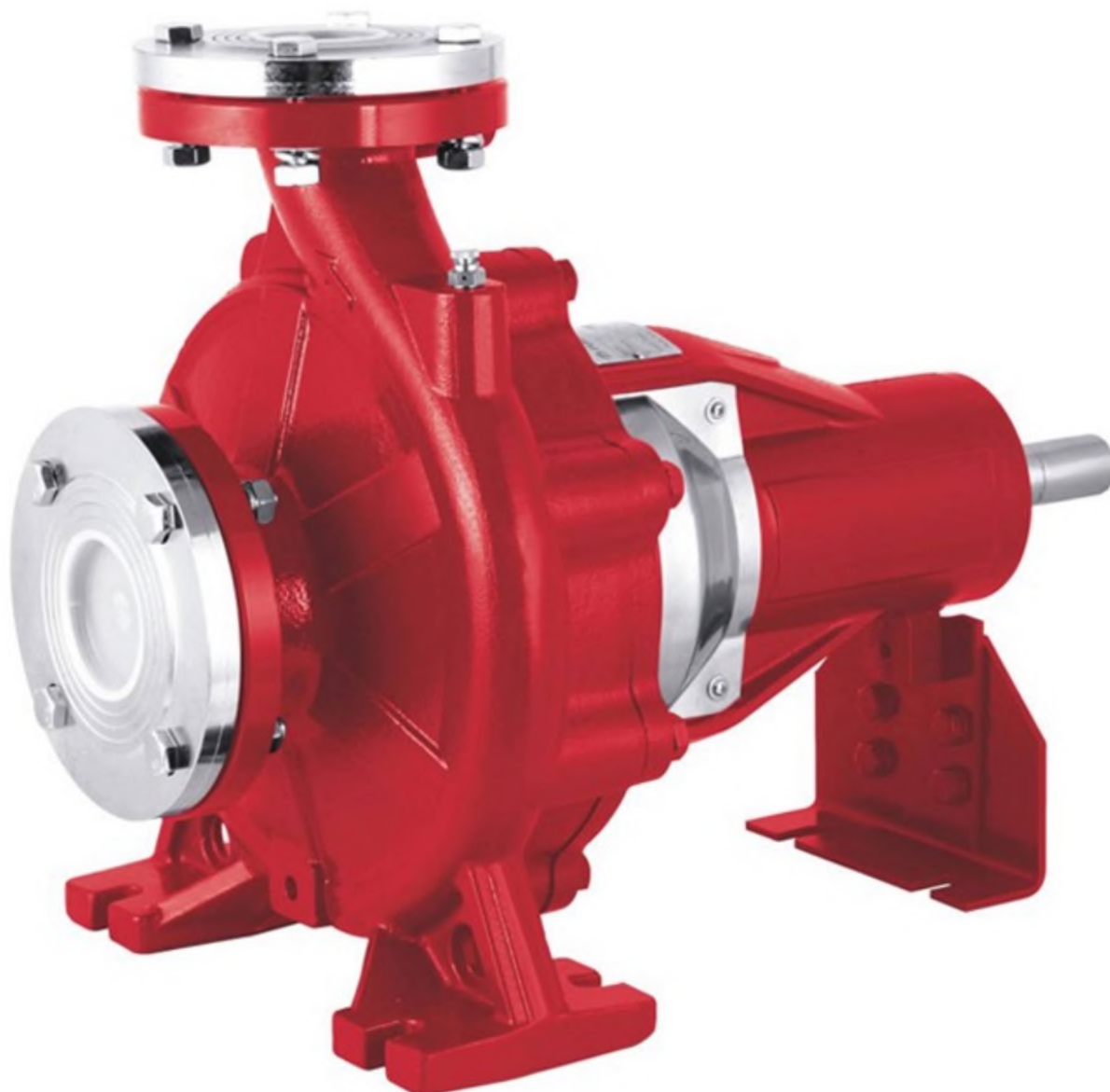
End Suction Pumps PS

[PS]End Suction Pump Bare Shaft Pump for water supply

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900

1/min

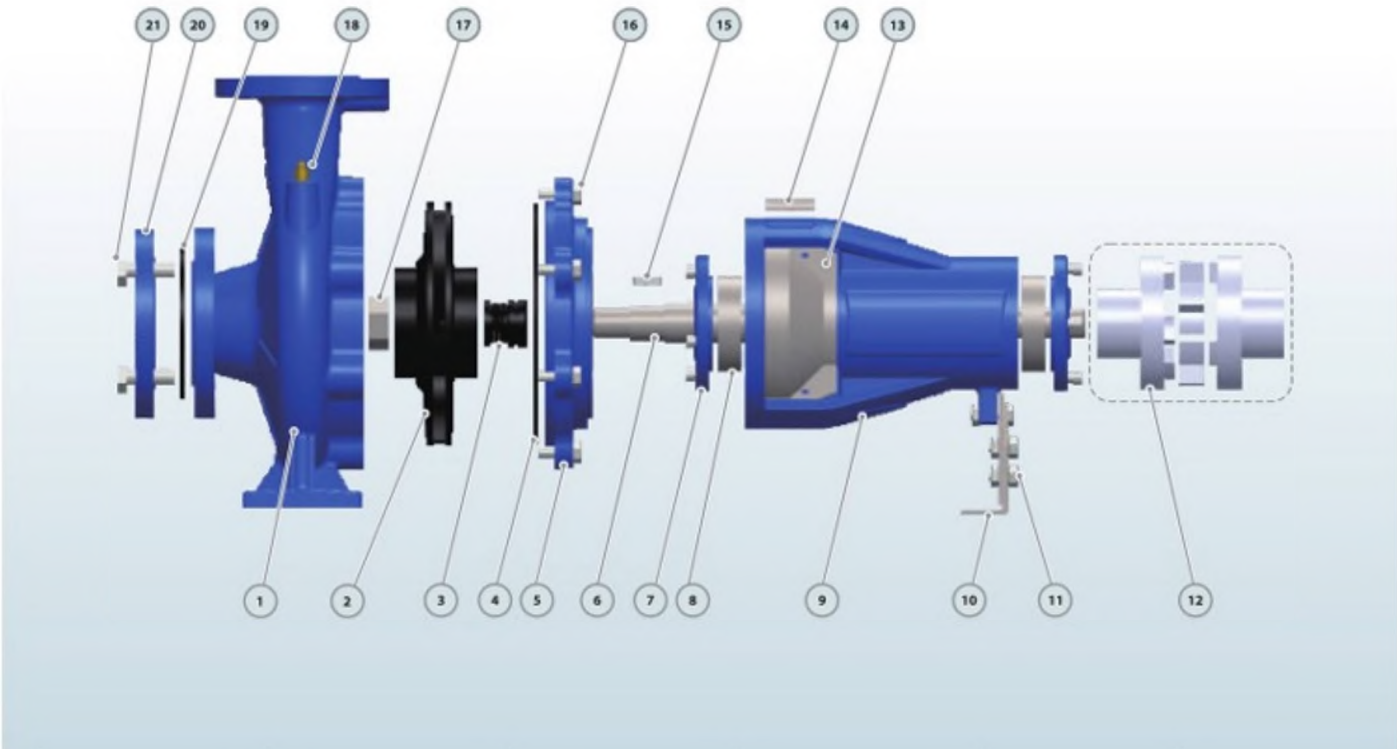
MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																		DN	
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925
				0	100	150	250	300	400	4S0	600	700	800	900	1200	1400	1S00	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	S4	72	d4	90	108	120	118	180		210
I	kw	hp		17.5	16.7	15	12	9														50x32	
32-12 S/07 °	0.75	1		22	21	19.7	165	145	9													50x32	
32-12S/11 °	LI	L5		25.4	23.7	22.5	18.5	153														50x32	
32-160/15 •	15	2		31	29.6	28.5	24.5	22	15													50x32	
32-160/22 •	22	3		35	34.3	34	28	255	19	15												50x32	
32-160/30 •	3	4		44.2	43	39.3	352	322	24.6	193												50x32	
32-200/30 •	3	4		54.5	52	50	455	41.9	35	303												50x32	
32-200/40 •	4	55		60	59.5	59	55	51	345													50x32	
32-250/55 •	55	75		69.5	69	68.5	66	63	53													50x32	
32-250/7S •	75	10		90	89.5	89	82	79	66													50x32	
32-250/110 •	11	15		79.5	74.7	71.3	63	56	375													50x32	
32-250/5 SDc	55	7S		95	93	91	83	76	573													50x32	
32-250/7 5Do	75	10		14.7				135	115	10.1	53											65x40	
40-12S/11 °	LI	15		18.1				17	15	13.9	9.6	6										65x40	
40-12S/1S °	15	2		24.5				232	21.5	202	16	13	&3									65x40	
40*125/22 °	22	3		31.8				295	275	263	21.5	175										65x40	
40-160/30 •	3	4		38				36	34	33	28.5	25	2Q1									65x40	
40-160/40 •	4	55		46				433	413	40.1	35	30										65x40	
40-200/55 •	55	75		57				53.6	51.5	50	45	41	3&5									65x40	
40-200/75 •	75	10		64				59	56.5	55	49.5	45	39.8									65x40	
40*250/92 •	92	12.5		72				675	66	63.5	57S	522	47									65x40	
40-250/110 •	11	15		84.5				80	773	752	71	65	61									65x40	
40-250/150*	15	20		17							15.4	14	128	11.5	6.5							65x50	
S0-U5/22 •	22	3		20							183	18	17	15.6	11							65x50	
50-U5/30 •	3	4		24							231	23	215	20.3	153	113						65x50	
50-125/40 •	4	55		32							30.6	30	28	26.6	205	14B						65x50	
S0-160/55 •	55	75		40							38	37	36	34.4	29	24	21					65x50	
50-160/75 •	75	10		50.5							463	45	43	40.9	323	26.7						65x50	
50-200/92 •	92	125		57.5							535	52	50	47.5	40	34	29					65x50	
50-200A10 •	11	15		62							58	56.5	54.5	52	44.5	39	35.5					65x50	
50-200/150 •	15	20		68.5							64	63	615	59	50	41						65x50	
50-2S0/150 •	15	20		79							753	743	74	71.5	635	555	47					65x50	
50-250/185 •	18.5	25		89.5							86	853	84	81.5	735	655	57					65x50	
50-250/220 •	22	30		19									17.3	16.8	145	13	113					dOx65	
65-US/40 •	4	5S		23									213	20.9	19	175	16.7	13.7				80x6S	
65-12S/5S •	55	75		27									26	25.6	245	23	22.5	20	18			80x65	
65-U5/75 •	75	10		33										31.5	30	28	27.1	24	215			80x65	
65-160/92 •	92	125		36										34.5	33	315	303	28	25.5			80x65	
65-160/110 •	11	15		42										41	40	385	373	35	33	29.5		80x65	
65 160/150 •	15	20		45										45.5	43	41	402	36.5	34			80x65	
65-200/150 •	15	20		52										52.3	51	49	4B2	44.5	42			80x65	
65-200/18S •	18.5	25		S9										59.5	58	56	55	52	49.5	44.5		a0x65	
65-200/220 •	22	30		64.8										64.7	62	60	53.5	53	50			80x65	
65-250/220 *	22	30		80										79.8	775	755	74.5	70	66	58		80x65	
65-250/300 •	30	40		92										90.5	88.5	87	85	80.5	78	68		80x65	
65-250/370 •	37	50		102										99.2	97	95	94.5	92.4	90	83		80x65	
65-315/370 •	37	50		112										1092	107.7	1053	104.5	102.5	100	93	66	80x65	
65-315/4S0*	45	60		122										1192	117.4	115.7	114.5	112.5	110	103	76	80x65	
6S-315/5S0*	55	75		141										1393	1373	135.6	134.5	132.3	130	122	96	655	80x65
65-315/750 •	75	100		17										1&5	15.9	143	135	11.6	10	7.5		100x80	
80-125/40 •	4	55		21										2Q5	20	19	18	16.5	15	125	9LS		100x80
80-125/55 •	55	75		26										25	25	245	233	22.5	213	145	16.5		100x80
80 125/75 •	75	10																					

°=PST available ° =PS available °=PST&d°S available/d/spon/b/e

Other Sizes Can Provide On Request.

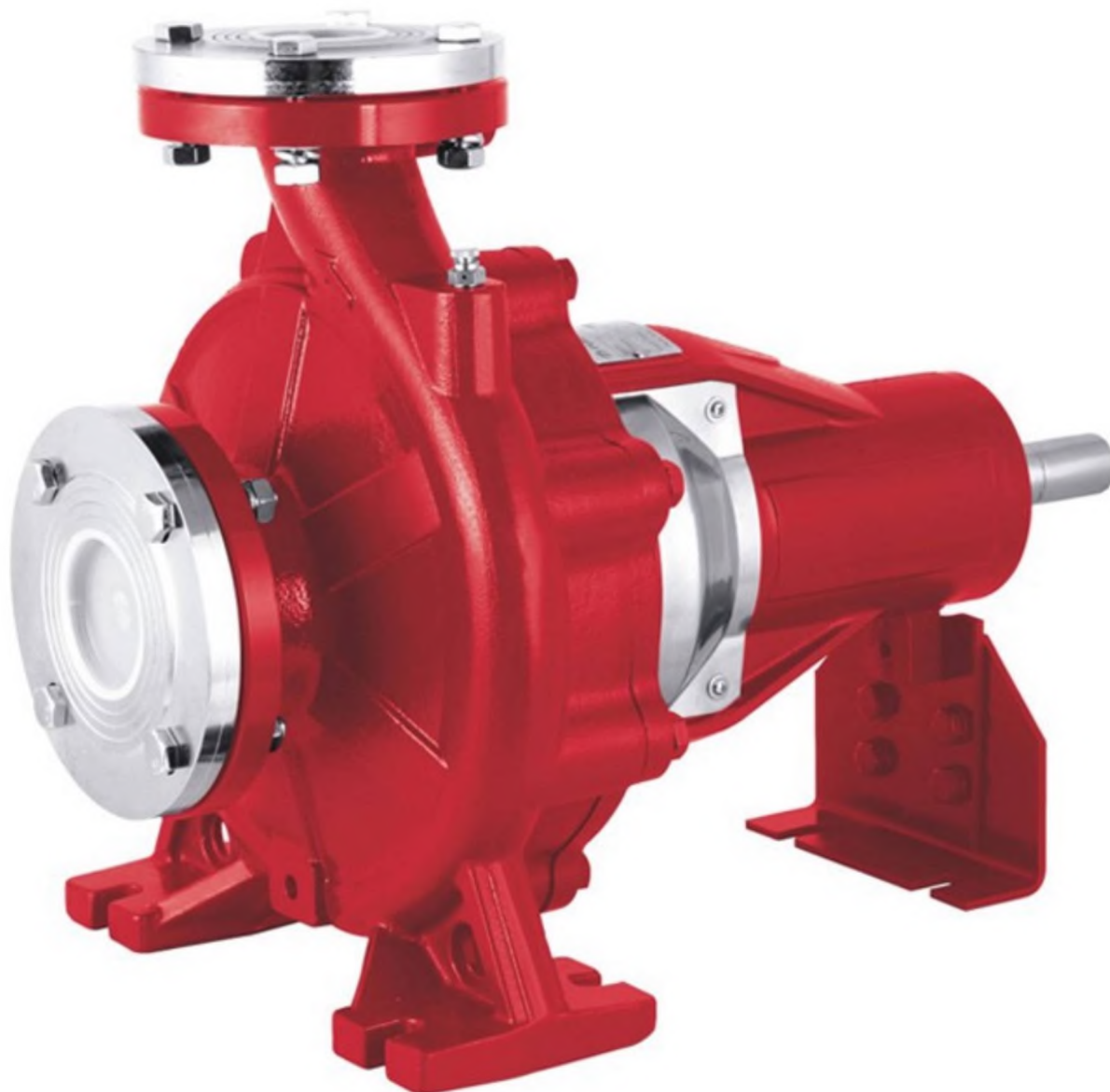
Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS

60Hz n=3500

1/min

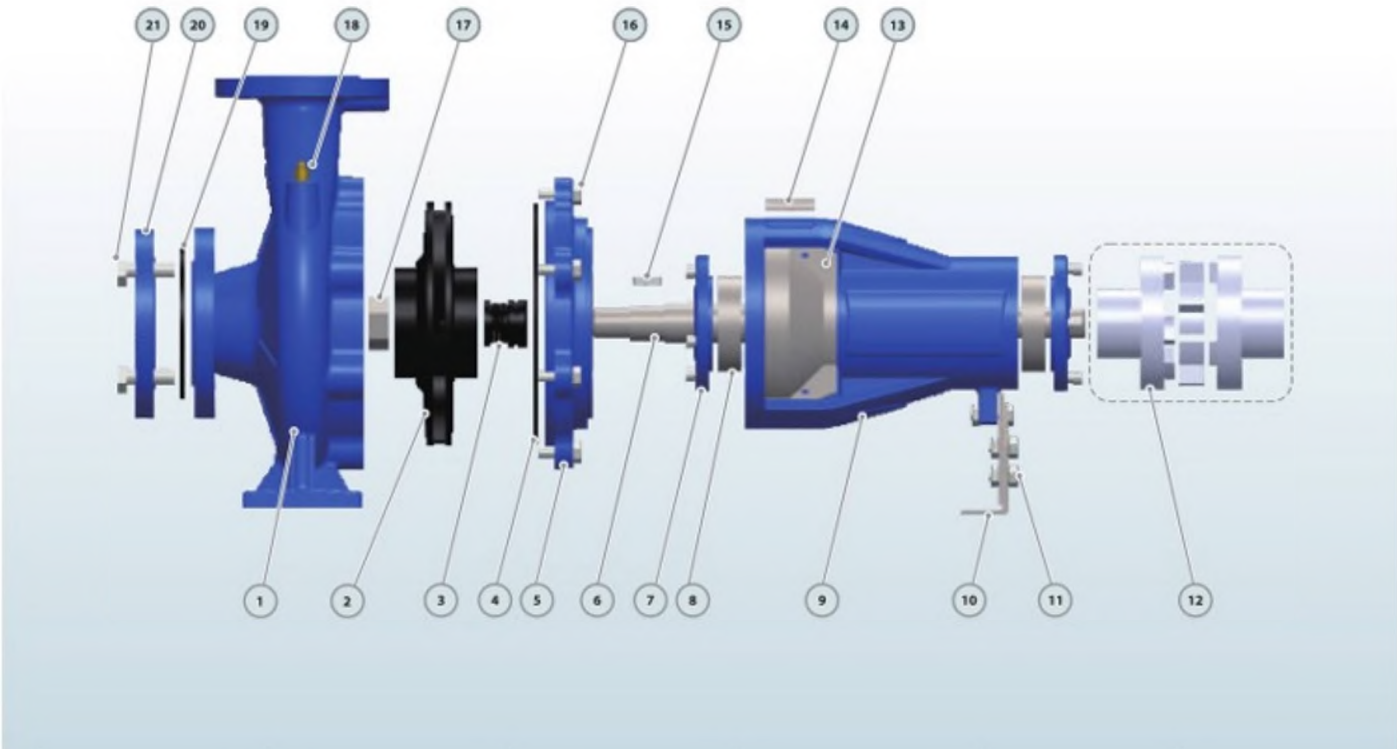
MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																			DN
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925	
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
	I	kw		hp	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	118	180	
32-12 S/07 °	0.75	1	H(m)	17.5	16.7	15	12	9															50x32
32-12S/11 °	LI	L5		22	21	19.7	165	145	9														50x32
32-160/15 •	15	2		25.4	23.7	22.5	18.5	153															50x32
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30 •	3	4		35	343	34	28	255	19	15													50x32
32-200/30 •	3	4		44.2	43	393	352	322	24.6	193													50x32
32-200/40 •	4	55		54.5	52	50	455	41.9	35	303													50x32
32-250/55 •	55	75		60	595	59	55	51	345														50x32
32-250/75 •	75	10		695	69	68.5	66	63	53														50x32
32-250/110 •	11	15		90	89.5	89	82	79	66														50x32
32-250/5 SDc	55	75		79.5	74.7	713	63	56	375														50x32
32-250/7 5Dc	75	10		95	93	91	83	76	573														50x32
40-12S/11 °	LI	15		14.7				135	115	10.1	53												65x40
40-12S/15 °	15	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22 °	22	3		24.5				232	215	202	16	13	&3										65x40
40-160/30 •	3	4		31.8				295	275	263	215	175											65x40
40-160/40 •	4	55		38				36	34	33	28.5	25	2Q1										65x40
40-200/55 •	55	75		46				433	413	40.1	35	30											65x40
40-200/75 •	75	10		57				53.6	51.5	50	45	41	3&5										65x40
40-250/92 •	92	12.5		64				59	56.5	55	49.5	45	39.8										65x40
40-250/110 •	11	15		72				675	66	63.5	575	522	47										65x40
40-250/150*	15	20		84.5				80	773	752	71	65	61										65x40
50-U5/22 •	22	3		17							15.4	14	128	11.5	6.5								65x50
50-U5/30 •	3	4		20							183	18	17	15.6	11								65x50
50-125/40 •	4	55		24							231	23	215	20.3	153	113							65x50
50-160/55 •	55	75		32							30.6	30	28	26.6	205	14B							65x50
50-160/75 •	75	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92 •	92	125		50.5							463	45	43	40.9	323	26.7							65x50
50-200A10 •	11	15		57.5							535	52	50	47.5	40	34	29						65x50
50-200/150 •	15	20		62							58	565	54.5	52	44.5	39	35.5						65x50
50-250/150 •	15	20		68.5							64	63	615	59	50	41							65x50
50-250/185 •	18.5	25		79							753	743	74	71.5	635	555	47						65x50
50-250/220 •	22	30		89.5							86	853	84	81.5	735	655	57						65x50
65-US/40 •	4	55		19									17.3	16.8	145	13	113						dOx65
65-12S/55 •	55	75		23									213	20.9	19	175	16.7	13.7					80x65
65-U5/75 •	75	10		27									26	25.6	245	23	22.5	20	18				80x65
65-160/92 •	92	125		33										31.5	30	28	27.1	24	215				80x65
65-160/110 •	11	15		36										34.5	33	315	303	28	25.5				80x65
65-160/150 •	15	20		42										41	40	385	373	35	33	29.5			80x65
65-200/150 •	15	20		45										45.5	43	41	402	36.5	34				80x65
65-200/185 •	18.5	25	52										52.3	51	49	4B2	44.5	42				80x65	
65-200/220 •	22	30	59										59.5	58	56	55	52	49.5	44.5			a0x65	
65-250/220 *	22	30	64.8										64.7	62	60	53.5	53	50				80x65	
65-250/300 •	30	40	80										79.8	775	755	74.5	70	66	58			80x65	
65-250/370 •	37	50	92										90.5	88.5	87	85	80.5	78	68			80x65	
65-315/370 •	37	50	102										99.2	97	95	94.5	92.4	90	83			80x65	
65-315/450*	45	60	112										1092	107.7	1053	104.5	102.5	100	93	66		80x65	
65-315/550*	55	75	122										1192	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-315/750 •	75	100	141										1393	1373	135.6	1345	1323	130	122	96	655	80x65	
80-125/40 •	4	55	17									1&5	15.9	143	135	11.6	10	7.5				100x80	
80-125/55 •	55	75	21									2Q5	20	19	18	16.5	15	125	9LS			100x80	
80-125/75 •	75	10	26									25	25	245	233	22.5	213	145	16.5			100x80	

°=PST available ° =PS available °=PST&d°S available/d/spon/b/e

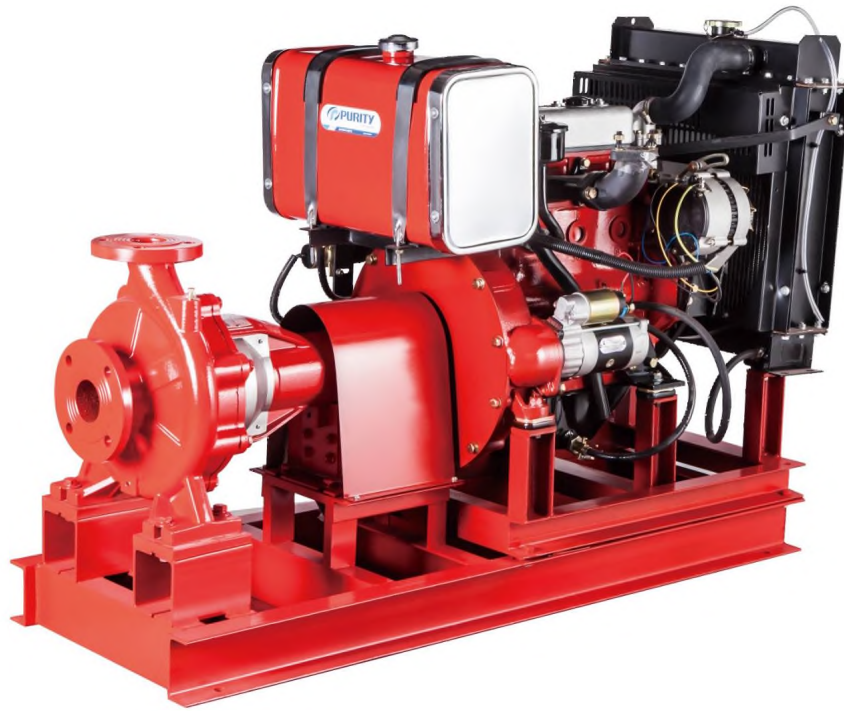
Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			



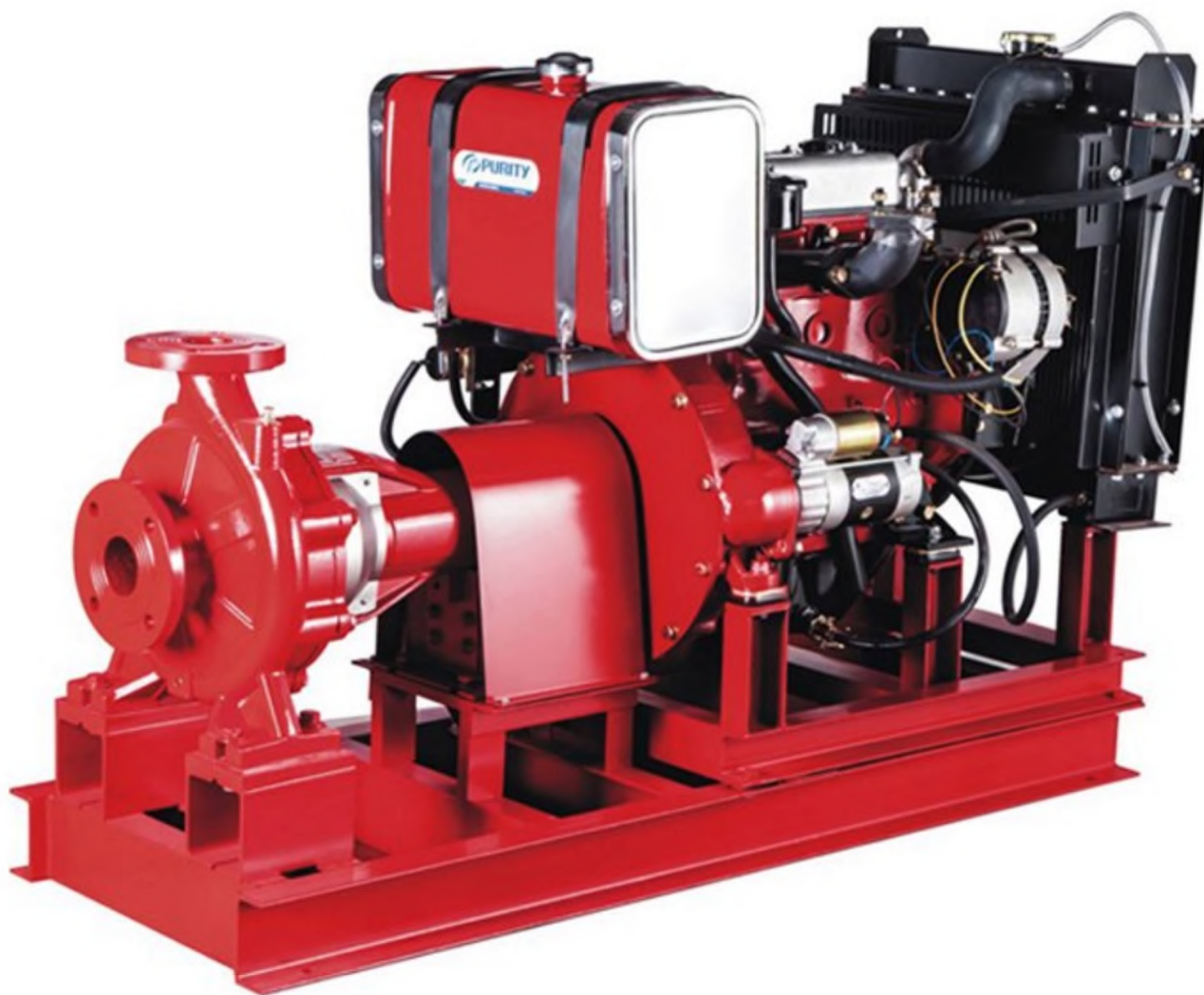
End Suction Pumps PSD

[PSD] Fire Fighting Water Pump With Diesel Engine from PURITY

TECHNICAL DESCRIPTION

- More Environmentally Friendly
- Meeting China III Emission Standard
- Low Fuel Consumption
- Strong Power
- Easy To Assemble

Product Description



PSD(PS+PD)

PS

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump

Original design by PURITY (patented)

Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating
 Impeller in stainless steel AISI 304 or cast iron
 Shaft in stainless steel AISI 304 or galvanized iron
 Galvanized counter flange with bolts, nuts and gaskets
 Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
 The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

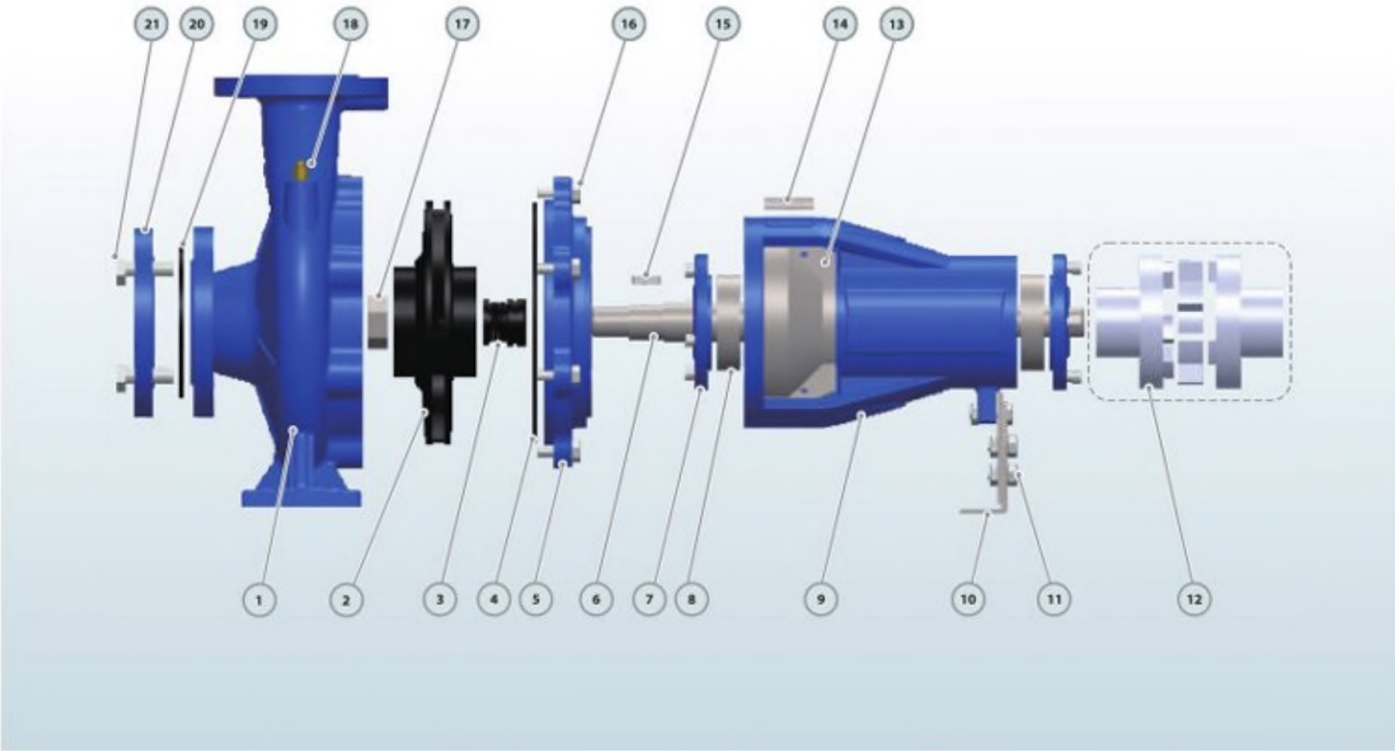
Liquid temperature between -10°C and +120°C
 Ambient temperature up to +50°C
 Max. working pressure 16 bar
 Continuous service S1

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE TAMAÑO DE DESCARGA	IMPELLER SIZE TAMAÑO DEL MPULSOR						
	125	160	200	250	250D	315	400
32	SS304/Aox3M	SS304/Aox3M	SS304/A or XM	Cast iron/Fundición	SS3M/hox304		
40	Cast iron/Fundición	Cast iron/Fundición	SS304/Aox304	Cast iron/Fundición	f		
50	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	/		
65	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	f	Cast iron/Fundición	
80	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
WO		Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	f	Cast iron/Fundición	Cast iron/Fundición
125			Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
150			Cast iron/Fundición	Cast iron/Fundición	f	Cast iron/Fundición	Cast iron/Fundición
200				Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
250					f	Cast iron/Fundición	Cast iron/Fundición

TECHICAL DATA 50 HZ n=2900 1/min

Other Sizes Can Provide On Request.



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	15	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	9	Support Case Cuerpo Soporte	Cast iron Fundición	16	Connection Bolt Perno	Steel Acero
3	Mechanical Seal Cierre Mecánico	SIC/Carbon/SS304 SiC-Grafito-Inox304	10	Support Foot Soporte Pie	Iron Hierro	17	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
4	O-ring Junta Tórica	Rubber Caucho	11	Foot Bolt Perno	Steel Acero	18	Release Valve Tapón Cebado	Brass Bronce
5	Connedion Conexión	Cast iron Fundición	12	Coupling(Optional) Unión(Opcional)	Steel Acero	19	Gasket Empague	Rubber Caucho
6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	13	Case Cover Tapa Cuerpo	SS304 Inox304	20	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
7	Bearing Cover Tapa Rodamiento	Cast iron Fundición	14	Nameplate Letrero	Aluminum Aluminio	21	Flange Bolt Perno de Brida	Steel Acero

PD
Product Description

TECHNICAL DESCRIPTION
More Environmentally Friendly
Meeting China III Emission Standard
Low Fuel Consumption

Strong Power
Easy To Assemble

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The diesel engine pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

Product Description



PSD(PS+PD)

PS

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump

Original design by PURITY (patented)

Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating
 Impeller in stainless steel AISI 304 or cast iron
 Shaft in stainless steel AISI 304 or galvanized iron
 Galvanized counter flange with bolts, nuts and gaskets
 Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
 The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

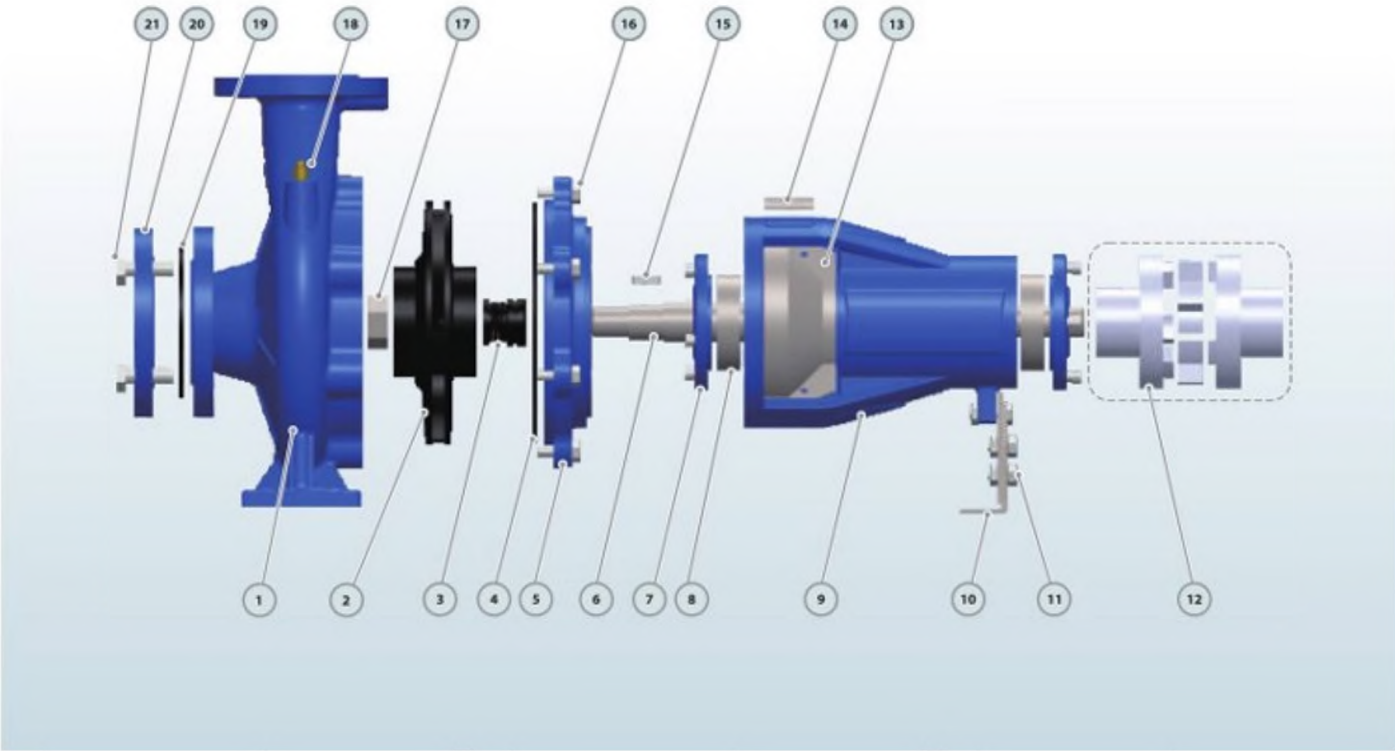
Liquid temperature between -10°C and +120°C
 Ambient temperature up to +50°C
 Max. working pressure 16 bar
 Continuous service S1

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE TAMAÑO DE DESCARGA	IMPELLER SIZE TAMAÑO DEL MPULSOR						
	125	160	200	250	250D	315	400
32	SS304/Aox3M	SS304/Aox3M	SS304/Aor XM	Cast iron/Fundición	SS3M/hox304		
40	Cast iron/Fundición	Cast iron/Fundición	SS304/Aox304	Cast iron/Fundición	f		
50	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	/		
65	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	f	Cast iron/Fundición	
80	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
WO		Cast iron/Fundición	Cast iron/Fundición	Cast iron/Fundición	f	Cast iron/Fundición	Cast iron/Fundición
125			Cast iron/Fundición	Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
150			Cast iron/Fundición	Cast iron/Fundición	f	Cast iron/Fundición	Cast iron/Fundición
200				Cast iron/Fundición	/	Cast iron/Fundición	Cast iron/Fundición
250					f	Cast iron/Fundición	Cast iron/Fundición

TECHICAL DATA 60 HZ n=3500 1/min

Other Sizes Can Provide On Request.



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	15	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	9	Support Case Cuerpo Soporte	Cast iron Fundición	16	Connection Bolt Perno	Steel Acero
3	Mechanical Seal Cierre Mecánico	SIC/Carbon/SS304 SiC-Grafito-Inox304	10	Support Foot Soporte Pie	Iron Hierro	17	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
4	O-ring Junta Tórica	Rubber Caucho	11	Foot Bolt Perno	Steel Acero	18	Release Valve Tapón Cebado	Brass Bronce
5	Connedion Conexión	Cast iron Fundición	12	Coupling(Optional) Unión(Opcional)	Steel Acero	19	Gasket Empague	Rubber Caucho
6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	13	Case Cover Tapa Cuerpo	SS304 Inox304	20	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
7	Bearing Cover Tapa Rodamiento	Cast iron Fundición	14	Nameplate Letrero	Aluminum Aluminio	21	Flange Bolt Perno de Brida	Steel Acero

PD
Product Description

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More Environmentally Friendly
Meeting China III Emission Standard
Low Fuel Consumption

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Easy To Assemble

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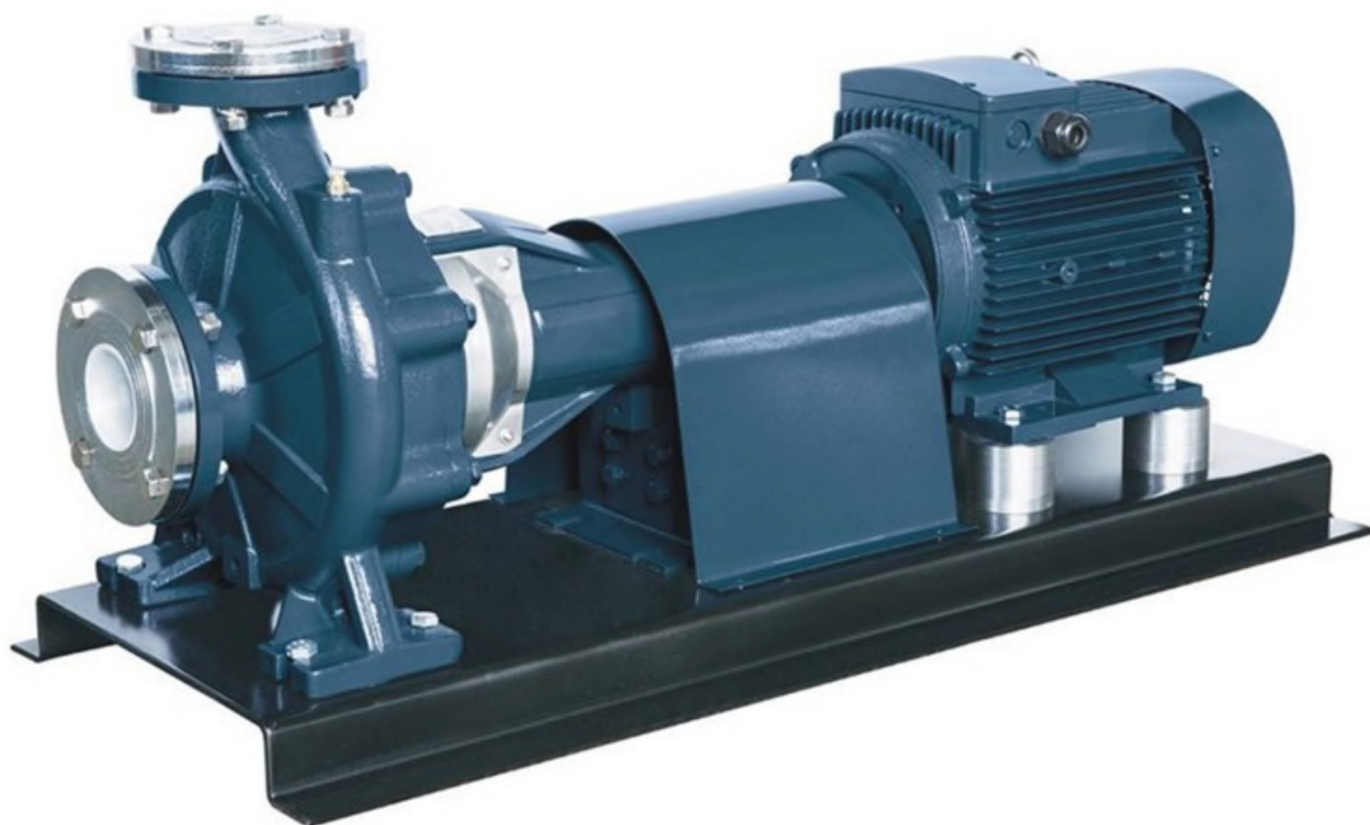
End Suction Pumps PSM

[PSM]Horizontal Centrifugal Water Pump Bare Shaft Pump

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Pump case with anti-corrosive coat
- Impeller in stainless steel AISI 304 or cast iron
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Wear resistance mechanical seal
- CE approved water pumps
- Shaft in stainless steel AISI 304 or galvanized iron

Product Description



PSM(PS+YE3)

PS

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump

Original design by PURITY (patented)

Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

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The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

PATENTS

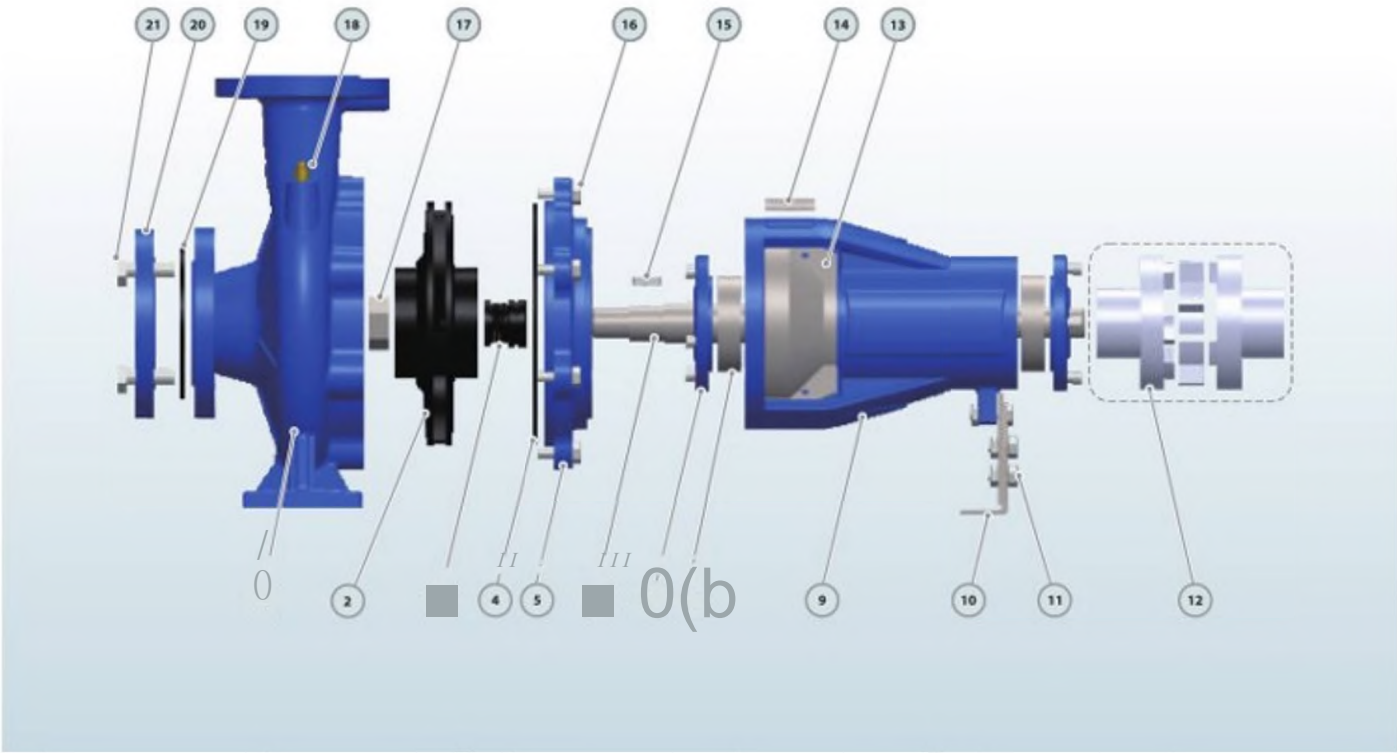
Registered model PST
Registered Patent Design n°201530478502.0

TECHNICAL DATA

MODEL MODELO	Tower Potencia		US gpm l/min	Q= DELIVERY/ CAUDAL																		DN		
				0	26	40	66	79	106	119	159	18S	211	238	317	370	396	476	529	608	793		925	
				0	100	150	250	300	400	4^0	600	700	800	900	1200	1400	1500	1800	2000	2100	1000		3500	
	kw	hp	ir^/h	0	6	9	1S	18	24	27	36	42	48	S4	72	B4	90	108	120	118	180		210	mm
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9															50x32	
32-125/11	LI	15		22	21	19.7	165	145	9														50x32	
32-160/1S	L5	2		25.4	23.7	22.5	18.5	153															50x32	
32-160/22	22	3		31	29.6	28.5	24.5	22	15														50x32	
32-160/30	3	4		35	343	34	28	255	19	15													50x32	
32-200/30	3	4		44.2	43	393	352	322	24.6	193														50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	303														50x32
32-250/55	55	75		60	595	59	55	51	343															50x32
32-250/75	75	10		695	69	68.5	66	63	53															50x32
32-250/110	11	15		90	89.5	89	82	79	66															50x32
32-250/5 SDG	55	75		79.5	74.7	713	63	56	375															50x32
32-250/7 SDG	75	10		95	93	91	83	76	573															50x32
40-125/1	1A	15		14.7				135	1L5	10.1	53													65x40
40-125/15	L5	2		18.1				17	15	13.9	9.6	6												65x40
40-125/22	22	3		24.5				232	213	202	16	13	R3											65x40
40-160/30	3	4		31.8				29.5	275	263	215	175												65x40
40-160/40	4	55		38				36	34	33	28.5	25	20.1											65x40
40-200/55	55	75		46				433	413	40.1	35	30												65x40
40-200/75	75	10		57				53.6	5L5	50	45	41	3&5											65x40
40-250/92	92	12.5		64				59	56.5	55	495	45	39.8											65x40
40-250/110	11	15		72				675	66	63.5	575	522	47											65x40
40-250/150*	15	20		84.5				80	773	752	71	65	61											65x40
50-U5/22	22	3		17							15.4	14	128	11.5	6.5									65x50
50-U5/30	3	4		20							183	18	17	15.6	11									65x50
50-125/40	4	55		24							231	23	215	20.3	153	11£								65x50
50-160/55	55	75		32							30.6	30	28	26.6	205	143								65x50
50-160/75	75	10		40							38	37	36	34.4	29	24	21							65x50
50-200/92	92	125		50.5							463	45	43	40.9	323	26.7								65x50
50-200/110	11	15		57.5							535	52	50	47.5	40	34	29							65x50
50-200/150*	15	20		62							58	565	545	52	44.5	39	35.5							65x50
50-250/150	15	20		68.5							64	63	6L5	59	50	41								65x50
50-250/185	18.5	25		79							753	743	74	7L5	635	555	47							65x50
50-250/220	22	30		89.5							86	853	84	8L5	735	65.5	57							65x50
65-125/40	4	53		19										17.3	16.8	145	13	113						80x65
65-125/55	55	75		23										213	20.9	19	175	16.7	13.7					80x65
65-125/75	75	10		27										26	25.6	245	23	22.5	20	18				a0x65
65-160/92	92	12.5		33											31.5	30	28	27.1	24	215				80x65
65-160/110	11	15		36											34.5	33	315	303	28	25.5				80x65
65-160/150	15	20		42											41	40	385	373	35	33	29.5			80x65
65-200/150	15	20		45											45.5	43	41	402	36.5	34				80x65
65-200A85	18.5	25	52											52.3	51	49	432	44.5	42				80x65	
65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5			a0x65	
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50				80x65	
65-250/300	30	40	80																				a0x65	
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68			S0x65	
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83			80x65	
65-315/450	45	60	112											1092	107.7	1053	104.5	102.5	100	93	66		a0x65	
65-315/550	55	75	122											1192	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-315/750	75	100	141											1393	1373	135.6	1345	1325	130	122	%	655	S0x65	
d0-125/40	4	55	17										1&5	15.9	143	135	11.6	10	7.5				100xd0	
80-125/55	55	75	21										2as	20	19	18	16.5	15	125	9.5			100x80	
80-125/75	75	10	26											25	25	245	233	22.5	213	145	16.5		100x80	

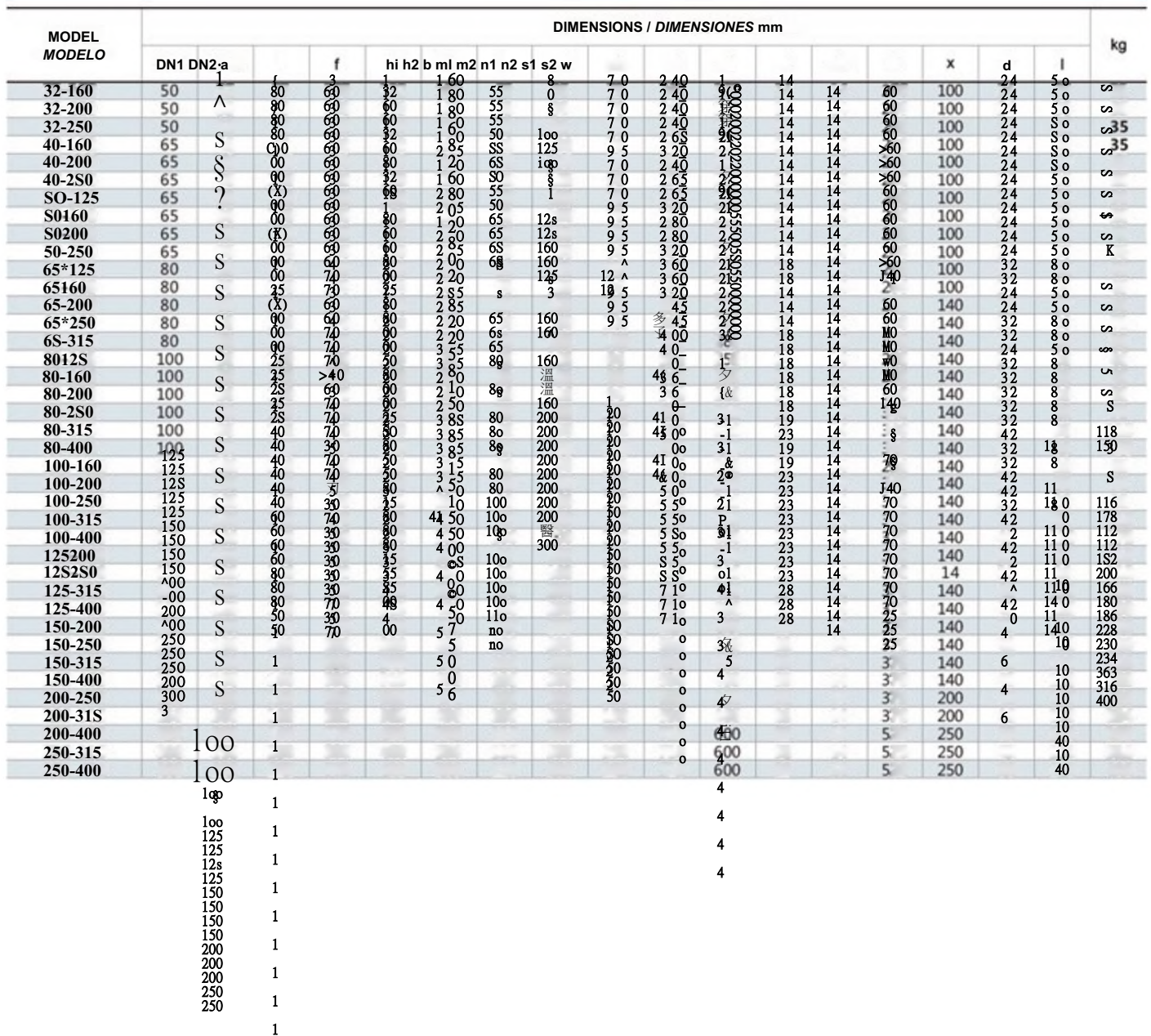
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Other Sizes Can Provide On Request.



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
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2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	9	Support Case Cuerpo Soporte	Cast iron Fundición	16	Connection Bolt Perno	Steel Acero
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	10	Support Foot Soporte Pie	Iron Hierro	17	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
4	O-ring Junta Tónica	Rubber Caucho	11	Foot Bolt Perno	Steel Acero	18	Release Valve Tapón Cebado	Brass Bronce
5	Connexion Conexión	Cast iron Fundición	12	Coupling(Optional) Unión(Opcional)	Steel Acero	19	Gasket Empague	Rubber Caucho
6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	13	Case Cover Tapa Cuerpo	SS304 Inox304	20	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
7	Bearing Cover Tapa Rodamiento	Cast iron Fundición	14	Nameplate Letrero	Aluminum Aluminio	21	Flange Bolt Perno de Brida	Steel Acero

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



Product Description



PSM(PS+YE3)

PS

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump

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Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
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USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

PATENTS

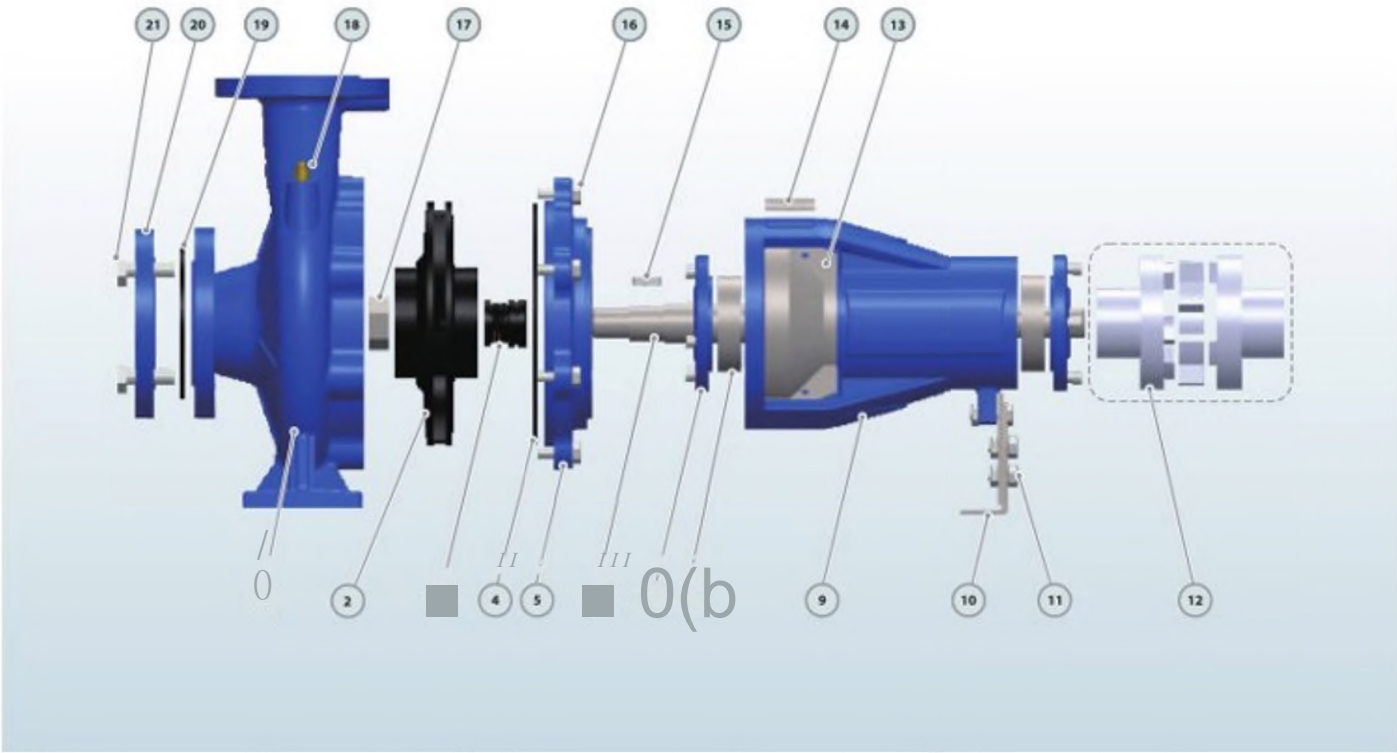
Registered model PST
Registered Patent Design n°201530478502.0

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MODEL MODELO	Tower Potencia		US gpm l/min	Q= DELIVERY/ CAUDAL																		DN	
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	kw	hp	ir^/h	0	6	9	1S	18	24	27	36	42	48	S4	72	B4	90	108	120	118	180	210	mm
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9														50x32	
32-125/11	1	1.5		22	21	19.7	16.5	14.5	9													50x32	
32-160/1S	1.5	2		25.4	23.7	22.5	18.5	15.3														50x32	
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15													50x32	
32-160/30	3	4		35	34.3	34	28	25.5	19	15												50x32	
32-200/30	3	4		44.2	43	39.3	35.2	32.2	24.6	19.3												50x32	
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3												50x32	
32-250/55	5.5	7.5		60	59.5	59	55	51	34.3													50x32	
32-250/75	7.5	10		69.5	69	68.5	66	63	53													50x32	
32-250/110	11	15		90	89.5	89	82	79	66													50x32	
32-250/5 SDG	5.5	7.5		79.5	74.7	71.3	63	56	37.5													50x32	
32-250/7 SDG	7.5	10		95	93	91	83	76	57.3													50x32	
40-125/1	1	1.5		14.7				13.5	11.5	10.1	5.3											65x40	
40-125/15	1.5	2		18.1				17	15	13.9	9.6	6										65x40	
40-125/22	2.2	3		24.5				23.2	21.3	20.2	16	13	R3									65x40	
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5										65x40	
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1									65x40	
40-200/55	5.5	7.5		46				43.3	41.3	40.1	35	30										65x40	
40-200/75	7.5	10		57				53.6	51.5	50	45	41	3&5									65x40	
40-250/92	9.2	12.5		64				59	56.5	55	49.5	45	39.8									65x40	
40-250/110	11	15		72				67.5	66	63.5	57.5	52.2	47									65x40	
40-250/150*	15	20		84.5				80	77.3	75.2	71	65	61									65x40	
50-U5/22	2.2	3		17							15.4	14	12.8	11.5	6.5							65x50	
50-U5/30	3	4		20							18.3	18	17	15.6	11							65x50	
50-125/40	4	5.5		24							23.1	23	21.5	20.3	15.3	11.4						65x50	
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.3						65x50	
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21					65x50	
50-200/92	9.2	12.5		50.5							46.3	45	43	40.9	32.3	26.7						65x50	
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29					65x50	
50-200/150*	15	20		62							58	56.5	54.5	52	44.5	39	35.5					65x50	
50-250/150	15	20		68.5							64	63	61.5	59	50	41						65x50	
50-250/185	18.5	25		79							75.3	74.3	74	71.5	63.5	55.5	47					65x50	
50-250/220	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57					65x50	
65-125/40	4	5.5		19										17.3	16.8	14.5	13	11.3				80x65	
65-125/55	5.5	7.5		23										21.3	20.9	19	17.5	16.7	13.7			80x65	
65-125/75	7.5	10		27										26	25.6	24.5	23	22.5	20	18		80x65	
65-160/92	9.2	12.5		33											31.5	30	28	27.1	24	21.5		80x65	
65-160/110	11	15		36											34.5	33	31.5	30.3	28	25.5		80x65	
65-160/150	15	20		42											41	40	38.5	37.3	35	33	29.5	80x65	
65-200/150	15	20		45											45.5	43	41	40.2	36.5	34		80x65	
65-200/185	18.5	25	52											52.3	51	49	43.2	44.5	42		80x65		
65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5	80x65		
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50		80x65		
65-250/300	30	40	80											79.8	77.3	75.5	74.5	70	66	58	80x65		
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68	80x65		
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83	80x65		
65-315/450	45	60	112											109.2	107.7	105.3	104.5	102.5	100	93	66	80x65	
65-315/550	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76	80x65	
65-315/750	75	100	141											139.3	137.3	135.6	134.5	132.5	130	122	%	655	80x65
80-125/40	4	5.5	17										1&5	15.9	14.3	13.5	11.6	10	7.5			100x80	
80-125/55	5.5	7.5	21										2as	20	19	18	16.5	15	12.5	9.5		100x80	
80-125/75	7.5	10	26											25	25	24.5	23.3	22.5	21.3	14.5	16.5		100x80

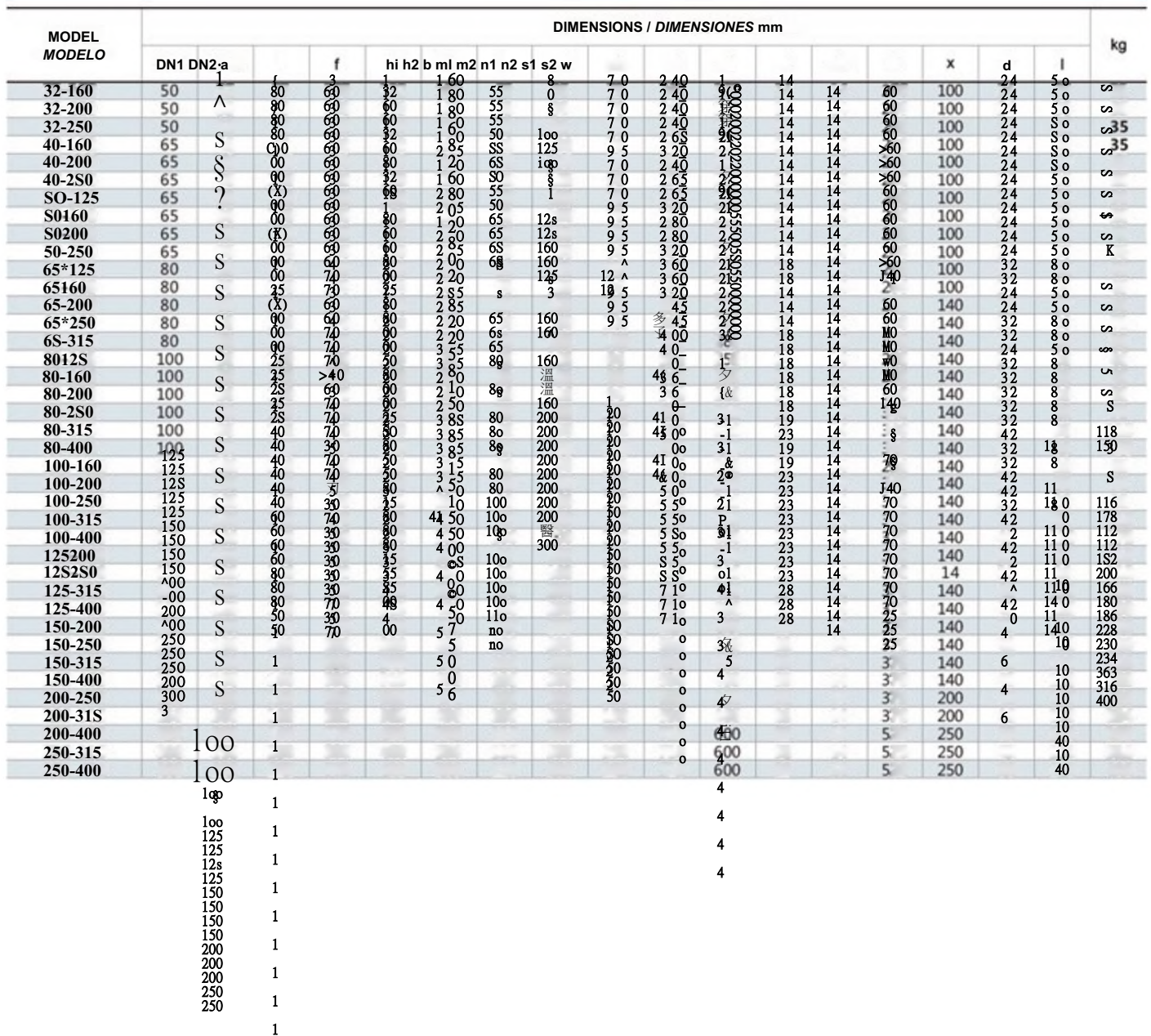
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3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	10	Support Foot Soporte Pie	Iron Hierro	17	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
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6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	13	Case Cover Tapa Cuerpo	SS304 Inox304	20	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
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DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS





End Suction Pumps PS

PS Series End Suction Centrifugal Pump With High Quality

TECHNICAL DESCRIPTION

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Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating

Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron

Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

ADVANTAGES



Our Eight Strengths



Energy-saving
Certificate



Large Flow
Capacity



YE3 Motor IP55 ClassF
All Copper Wire



Stainless Steel 304
Impeller & Shaft



Anti-corrosive
Coating



NSK
Bearing

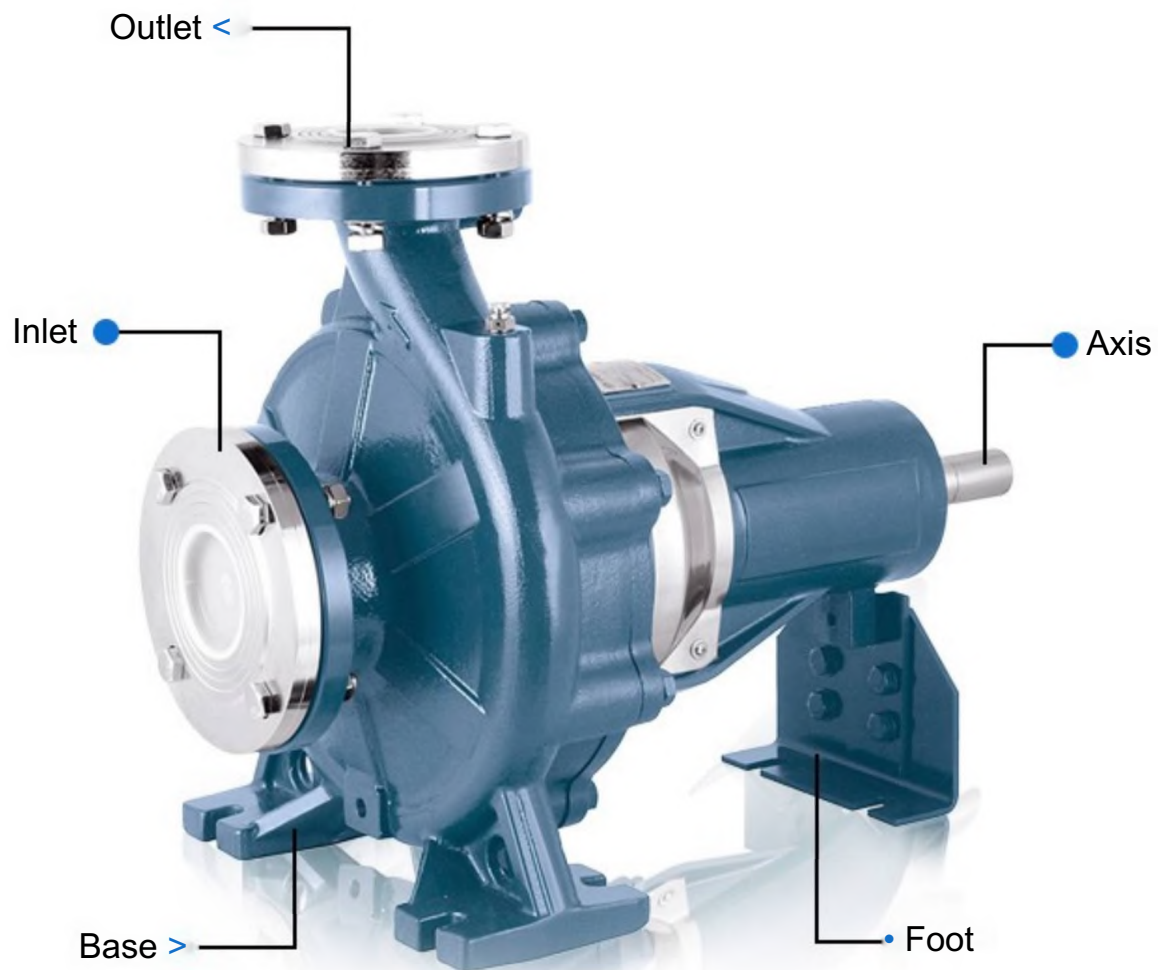


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION



ADVANTAGES



Our Eight Strengths



Energy-saving
Certificate



Large Flow
Capacity



YE3 Motor IP55 ClassF
All Copper Wire



Stainless Steel 304
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Anti-corrosive
Coating



NSK
Bearing

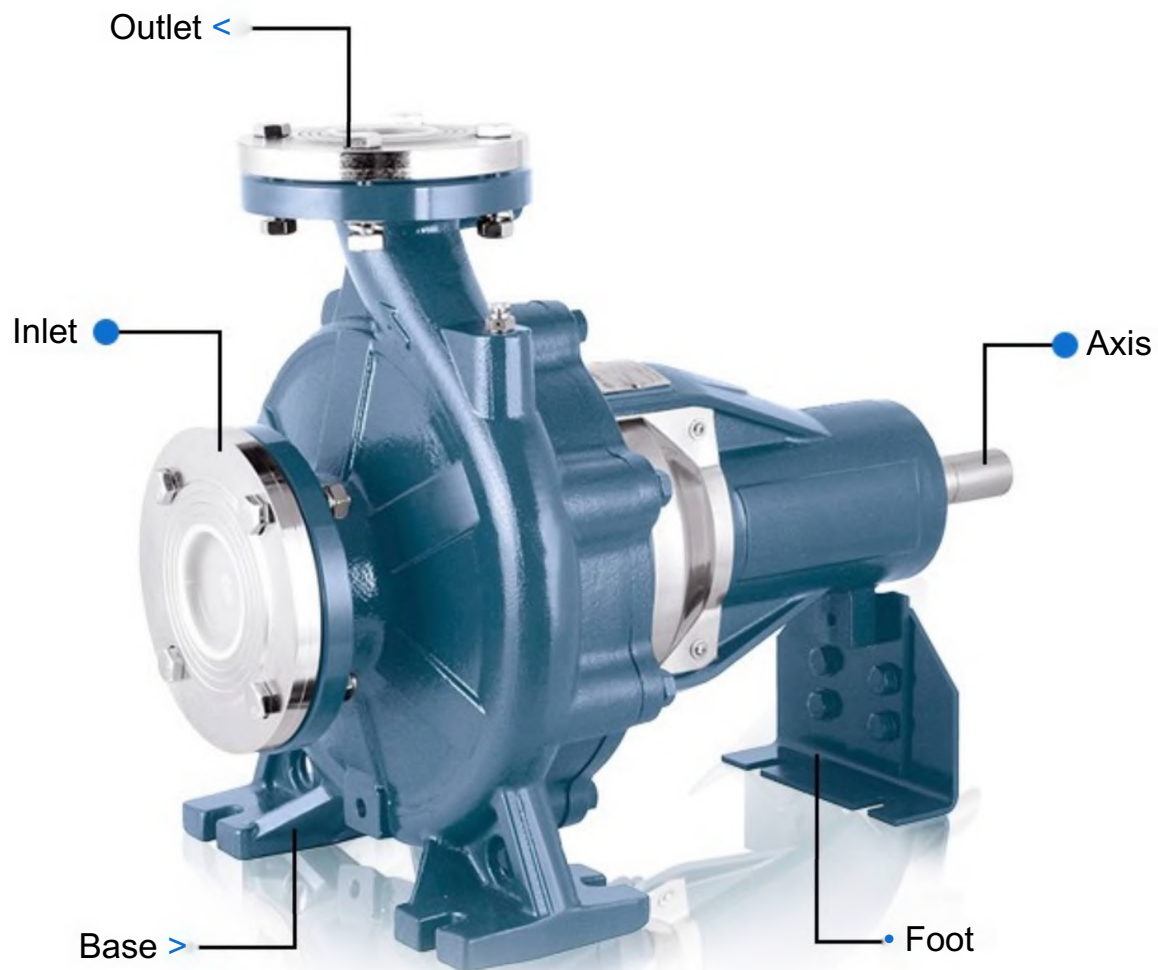


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION





End Suction Pumps PSD

PSD centrifugal fire pumps coupling with diesel engine

TECHNICAL DESCRIPTION

- More Environmentally Friendly
- Meeting China III Emission Standard
- Low Fuel Consumption
- Strong Power
- Easy To Assemble

PD

Diesel engine for pump

Diesel para bomba



Clean Civil



U

fridustry



NEW/NUEVO

TECHNICAL DESCRIPTION

- More Environmentally Friendly
- Meeting China III Emission Standard
- Low Fuel Consumption
- .Strong Power

- Easy To Assemble

USING LIMITS

- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The diesel engine pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.

TECHNICAL DATA / DATOS TECNICOS

Model	178	186	188	192	380	385	480	485	490N	490	495
Type	Single-cylinder;4-stroke.air-cooled				Direct Injection, Water-cooling, Four Stroke						
Intake Type					Naturally Aspirated						
Bore*Stroke(mm*mm)	78*62	86*72	88*75	92*75	80*90	85*90	80*90	85*100	90*100	90*105	95*105
Cylinder No.	1	1	1	1	3	3	4	4	4	4	4
Displacement (L)	0.296	0.418	0.456	0.499	1.357	1.532	1.8	2.27	2.54	2.67	2.977
Rated Power/ Speed(kW/r/min)	3.7/3000 4.0/3600	5.7/3000 6.3/3600	6.6/3000 7.2/3600	7.5/3000 8.2/3600	20/3000	24/3000	28/3000	36/3000	42/3000	45/3000	50/3000
Horse Power	5.0/3000 5.5/3600	7.8/3000 8.6/3600	9.0/3000 10.0/3600	10.2/3000 12.0/3600	27	32	38	49	58	61	68
Power Coverage(kW)	≤11	≤11	≤11	≤11	≤37	≤37	≤37	≤55	≤55	≤55	≤75

Model	498	4102	4105	4108	485Z	490NZ	490Z	498Z	4102Z	4105Z	4108Z
Type	Direct Injection, Water-cooling, Four Stroke										
Intake Type	Naturally Aspirated						Turbo-charging				
Bore*Stroke(mm*mm)	98*105	102*118	105*118	108*118	85*100	90*100	90*105	98*105	102*118	105*118	108*118
Cylinder No.	4	4	4	4	4	4	4	4	4	4	4
Displacement (L)	3.168	3.857	4.087	4.324	2.27	2.54	2.67	3.168	3.857	4.087	4.324
Rated Power/ Speed(kW/r/min)	54/3000	62/3000	67/3000	73/3000	44/3000	50/3000	55/3000	60/3000	73/3000	75/3000	83/3000
Horse Power	73	85	91	99	60	68	75	81	99	102	113
Power Coverage(kW)	≤75	≤100	≤100	≤100	≤55	≤55	≤55	≤75	≤100	≤100	≤100

PD



Diesel enginefor pump

Diesel para bomba



NEW/NUEVO

TECHNICAL DESCRIPTION

- More Environmentally Friendly
- Meeting China III Emission Standard
- Low Fuel Consumption
- .Strong Power
- Easy To Assemble

USING LIMITS

- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The diesel engine pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

Model	178	186	188	192	380	385	480	485	490N	490	495
Type	Single<ylinden4-stroke,air-cooled				Direct Injection, Water-cooling, Four Stroke						
Intake Type	Naturally Aspirated										
Bore*Stroke(mm*mm)	78*62	86*72	88*75	92*75	80*90	85*90	80*90	85*100	90*100	90*105	95*105
Cylinder No.	1	1	1	1	3	3	4	4	4	4	4
Displacement (L)	0296	0.418	0.456	0.499	1.357	L532	13	227	254	267	2977
Rated Power/ Sp eed (kW/r/min)	3.7/3000 4.0/3600	5.7/3000 6.3/3600	6.6/3000 7.2/3600	7.5/3000 8.2/3600	20/3000	24/3000	28/3000	36/3000	42/3000	45/3000	50/3000
Horse Power	5X)/3000 SS/3600	7.8/3000 8.6/3600	9.Q/3000 10.0/3600	10.2/3000 12.0/3600	27	32	38	49	58	61	68
Power Coverage(kW)	≤11	≤11	≤11	≤11	≤37	≤37	≤37	≤55	≤55	≤55	≤75

Model	498	4102	4105	4108	485Z	490NZ	490Z	498Z	4102Z	4105Z	4108Z
Type	Direct Injection, Water-cooling, Four Stroke										
Intake Type	Naturally Aspirated				Turbo-charging						
Bore*Stroke(mm*mm)	98*105	102*118	105*118	108*118	85*100	90*100	90*105	98*105	102*118	105*118	108*118
Cylinder No.	4	4	4	4	4	4	4	4	4	4	4
Displacement (L)	3.168	3.357	4.087	4.324	2.27	2.54	2.67	3.168	3.857	4.087	4.324
Rated Power/ Speed (kW/r/min)	54/3000	62/3000	67/3000	73/3000	44/3000	50/3000	55/3000	60/3000	73/3000	75/3000	83/3000
Horse Power	73	85	91	99	60	68	75	81	99	102	113
Power Coverage(kW)	≤75	≤100	≤100	≤100	≤55	≤55	≤55	≤75	≤100	≤100	≤100



End Suction Pumps PSM

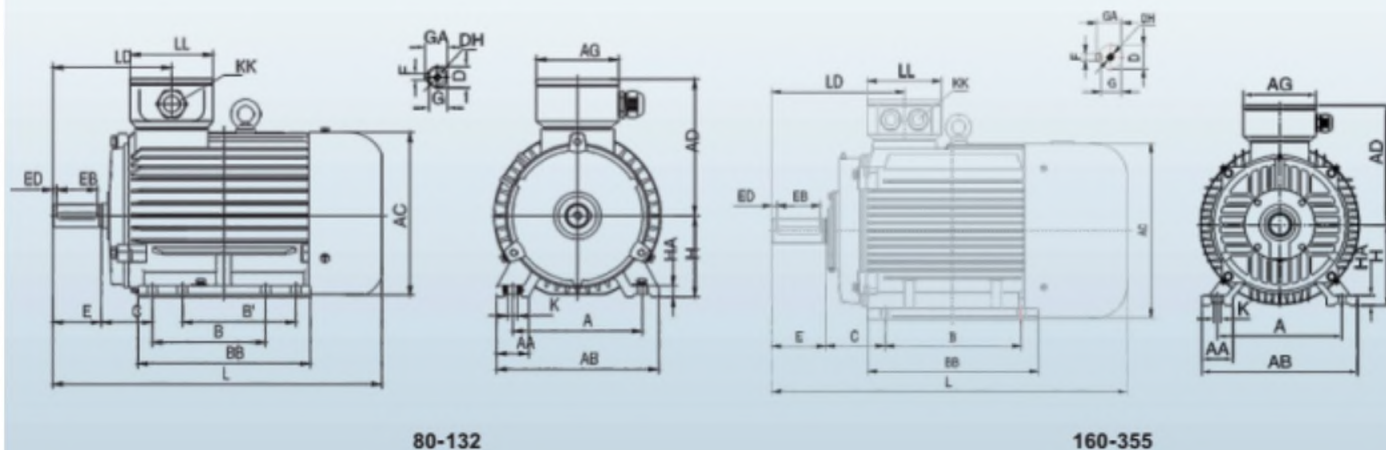
PSM Standard Centrifugal Pump Coupling with Electric Motor

Product Specification (50HZ)

TECHNICAL DATA / DATOS TÉCNICOS

MODEL MODELO	Power P_{max} 以这		rpm	n%	n% at 75%	n% at 50%	cosφ	A			Nm	Inaax/In		Is/n	kg
	kw	hp						380V	400V	415V					
YE3-801-2	0.75	1	2880	80.7	80.7	79.1	0.82	1.72	1.64	1.58	2.49	2.3	2.3	7.0	18.1
YE3-802-2	1.1	1.5	2880	82.7	82.7	81.0	0.83	2.43	Z31	Z23	3.65	2.2	2.3	7.3	19.5
YE3-90S-2	1.5	2	2895	84.2	84.2	82.5	0.84	3.22	3.06	2.95	4.95	2.2	2.3	7.6	23.3
YE3-90L-2	2.2	3	2895	85.9	85.9	84.2	0.85	4.58	4.35	4.19	7.26	2.2	2.3	7.6	27.1
YE3-100L-2	3	4	2895	87.1	87.1	85.4	0.87	6.02	5.71	5.51	9.90	2.2	2.3	7.8	38.8
YE3-112M-2	4	5.5	2905	88.1	88.1	86.3	0.88	7.84	7.45	7.18	13.1	2.2	2.3	8.3	48.3
YE3-132S1-2	5.5	7.5	2930	89.2	89.2	87.4	0.88	10.6	10.1	9.75	17.9	2.0	2.3	8.3	55.1
YE3-132S-2	7.5	10	2930	90.1	90.1	88.3	0.88	14.4	13.7	132	24.4	2.0	2.3	7.9	69.2
YE3-160M1-2	11	15	2945	91.2	91.2	89.4	0.89	20.6	19.6	18.9	35.7	2.0	2.3	8.1	113
YE3-160M2-2	15	20	2945	91.9	91.9	90.1	0.89	27.9	26.5	25.5	48.6	2.0	2.3	8.1	123
YE3-160L-2	18.5	25	2940	92.4	92.4	90.6	0.89	34.2	32.5	31.3	60.1	2.0	2.3	8.2	142
YE3-180M-2	22	30	2955	92.7	92.7	90.8	0.89	40.5	38.5	37.1	71.1	2.0	2.3	8.2	182
YE3-200L1-2	30	40	2960	93.3	93.3	91.4	0.89	54.9	52.1	50.3	96.8	2.0	2.3	7.6	246
YE3-200L2-2	37	50	2960	93.7	93.7	91.8	0.89	67.4	64.0	61.7	119.4	2.0	2.3	7.6	265
YE3-225M-2	45	60	2965	94.0	94.0	92.1	0.90	80.8	76.8	74.0	144.9	2.0	2.3	7.7	323
YE3-250M-2	55	75	2970	94.3	94.3	92.4	0.90	98.5	93.5	90.2	176.9	2.0	2.3	7.7	413
YE3-280S-2	75	100	2975	94.7	94.7	92.8	0.90	134	127	122	240.8	1.8	2.3	7.1	546
YE3-280M-2	90	125	2975	95.0	95.0	93.1	0.90	160	152	146	288.9	1.8	2.3	7.1	569
YE3-315S-2	110	150	2978	95.2	95.2	93.3	0.90	195	185	179	352.8	1.8	2.3	7.1	897
YE3-315M-2	132	180	2978	95.4	95.4	93.5	0.90	234	222	214	423.3	1.8	2.3	7.1	1029
YE3-315L1-2	160	220	2980	95.6	95.6	93.7	0.91	279	265	256	512.8	1.8	2.3	7.2	1067
YE3-315L2-2	200	270	2980	95.8	95.8	93.9	0.91	349	331	319	640.9	1.8	2.2	7.2	1194
YE3-355M-2	250	340	2982	95.8	95.8	93.9	0.91	436	414	399	800.6	1.6	2.2	7.2	1685
YE3-355L-2	315	430	2982	95.8	95.8	93.9	0.91	549	522	503	1009	1.6	2.2	7.2	1734

DIMENSIONS / DIMENSIONES

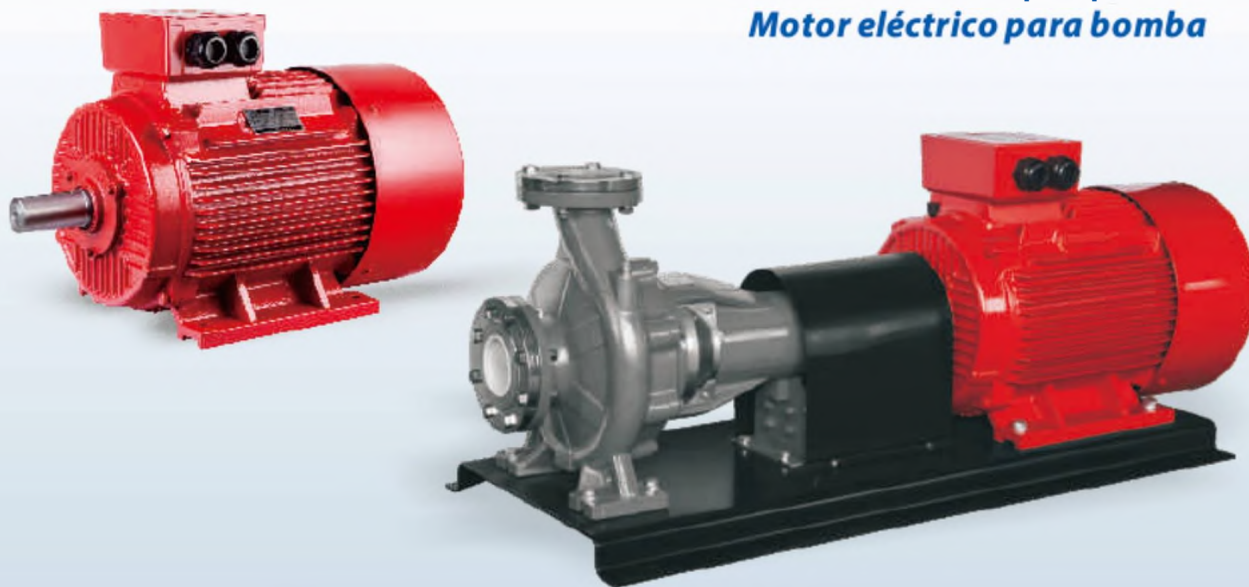


MODEL MODELO	DIMEN SION S 1 DIMENSIONES mm																							
	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LD	LL
80	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	2.5	6	15.5	21.5	80	10	4-010	1-M25X1.5	304	119	102
90S	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-010	1-M25X1.5	336	143	102
90L	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-010	1-M25X1.5	361	143	102
100L	160	40	200	205.4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4-012	1-M32X1.5	406	147	102
112M	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4-012	2-M32X1.5	394	147	110
132S	216	55	265	258.4	203	118	140	186	89	38	M12X28	80	65	5	10	33	41	132	18	4-012	2-M32X1.5	438	172	110
132M	216	55	265	258.4	203	118	178	224	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-012	2-M32X1.5	476	172	110
160M	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	7.5	12	37	45	160	20	4-0)14.52	2-M40X1.5	608	256	152
160L	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	4-0>14.52	M40X1.5	652	256	152
180M	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-014.5	2-M40X1.5	688	271	152
180L	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-014.5	2-M40X1.5	726	271	152
200L	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	10	16	49	59	200	25	4-018.5	2-M50X1.5	779	296	190
225S	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	5	18	53	64	225	28	4-018.5	2-M50X1.5	824	329	190
225M	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	7.5	16	49	59	225	28	4-(D18.52)	M50X1.5	819	299	190
250M	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	53	64	250	30	4-024	2-M63X1.5	910	347	218
280S	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-024	2-M63X1.5	982	355.5	218
280M	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-d>24	2-M63X1.5	1033	355.5	218
315S	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-028	2-M63X1.5	1194	397	280
315M	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-(P28	2-M63X1.5	1304	397	280
315L	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-0>28	2-M63X1.5	1304	397	280
355M	610	116	726	698	642	380	560	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-028	2-M63X1.5	1486	414	330
355L	610	116	726	698	642	380	630	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-028	2-M63X1.5	1486	414	330

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Clean Civil Industry

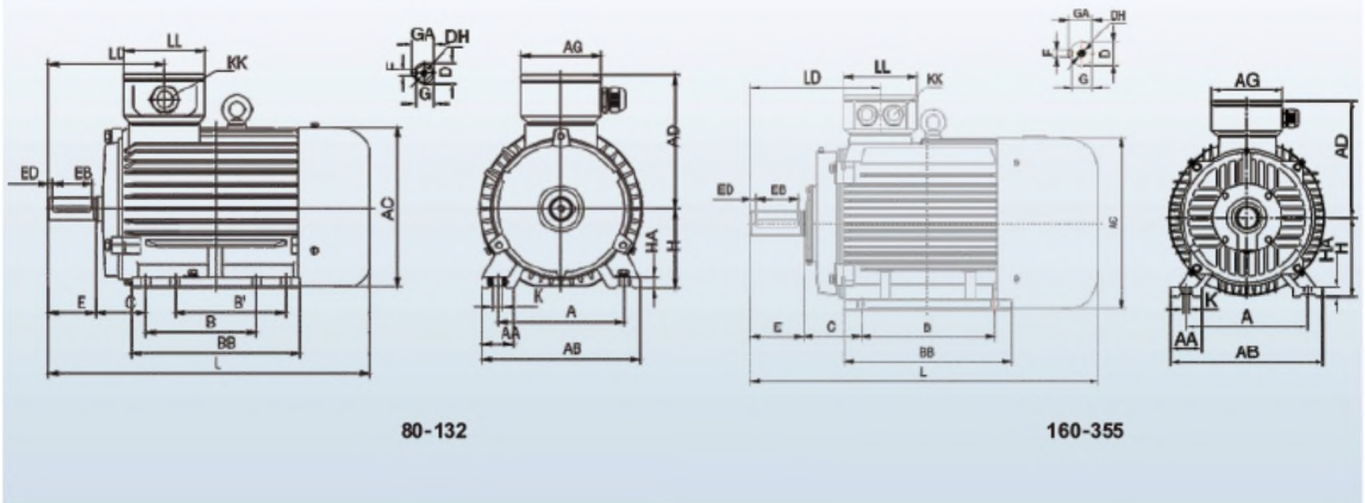
YE3

Electric motor for pump
Motor eléctrico para bomba


TECHNICAL DATA / DATOS TÉCNICOS

MODEL MODELO	Power Potencia		rpm	q%	n* at 75%	q% at 50%	co&4>	A		Nm	Tmax/Tn	TsfTn	ls/n	kg
	kw	hp						220V	380V					
YES-助 1-2	0.75	1	3500	80.7	80.7	79.1	032	3.6	L83	249	23	23	7.0	1&1
YE3 · 助 2-2	11	L5	3500	827	827	81.0	033	4.5	258	3.65	22	23	7.3	19.5
YE3-90S-2	1.5	2	3500	842	84.2	82.5	0.84	6.8	3.43	4.95	22	23	7.6	23.3
YE3-90L-2	22	3	3500	85.9	85.9	842	035	9.6	4.85	7.26	22	23	7.6	27.1
YE3-100L-2	3	4	3500	87.1	87.1	85.4	037	11.5	6.31	9.90	22	2.3	7.8	38.8
YE3-112M-2	4	5.5	3500	881	88.1	863	038	14.5	81	13.1	22	23	8.3	4&3
YE3-132S1-2	5.5	7.5	3500	892	89.2	87.4	0.88	22	11	17.9	20	2.3	83	55.1
YE3-132S-2	7.5	10	3500	901	90.1	883	038	28	145	24.4	20	23	7.9	69.2
YE3-160M1-2	11	15	3500	912	91.2	89.4	039	42	213	35.7	20	2.3	8.1	113
YE3-160M2-2	15	20	3500	919	91.9	90.1	039	54	283	4&6	20	23	8.1	123
YE3-160L-2	18.5	25	3500	924	92.4	90.6	039	68	34.7	60.1	20	23	8.2	142
YE3-180M-2	22	30	3500	927	92.7	903	039	80	41	71.1	20	23	8.2	182
YE3-200U-2	30	40	3500	933	93.3	91.4	039	104	55.5	96.8	20	23	7.6	246
YE3-200L2-2	37	50	3500	93.7	93.7	913	039	130	675	119.4	20	23	7.6	265
YE3-225M-2	45	60	3500	94.0	94.0	92.1	0.90	150	823	144.9	20	23	7.7	323
YE3-250M-2	55	75	3500	943	94.3	92.4	050	192	101	176.9	20	23	7.7	413
YE3-280S-2	75	100	3500	94.7	94.7	923	050	245	134	240.8	18	23	7.1	546
YE3-280M-2	90	125	3500	95X)	95.0	93.1	030	312	160	288.9	L8	23	7.1	569
YE3<315S<2	110	150	3500	952	95.2	933	0.90	400	195	352.8	L8	2.3	7.1	897
YE3-315M-2	132	180	3500	95.4	95.4	93.5	050	425	233	423.3	L8	2.3	7.1	1029
YE3-315L1-2	160	220	3500	95.6	95.6	93.7	0.91	600	279	512.8	13	23	7.2	1067
YE3-315L2-2	200	270	3500	953	95.8	93.9	031	630	349	640.9	L8	22	7.2	1194
YE3-355M-2	250	340	3500	953	95.8	93.9	031	800	436	800.6	16	2.2	7.2	1685
YE3-355L2	315	430	3500	953	95.8	935	031	990	549	1009	16	2.2	7.2	1734

DIMENSIONS / DIMENSIONES



MODEL MODELO	DIMENSIONS / DIMENSIONES mm																							
	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LD	LL
80	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	25	6	15.5	21.5	80	10	4-010	1-M25XL5	304	119	102
90S	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-<W0	1-M25XL5	336	143	102
90L	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-010	1-M25XL5	361	143	102
100L	160	40	200	205.4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4-012	1-M32XL5	406	147	102
112M	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4-012	2-M32XL5	394	147	110
132S	216	55	265	25&4	203	118	140	186	89	38	M12X28	80	65	5	10	33	41	132	18	4-<W2	2-M32XL5	438	172	110
132M	216	55	265	258.4	203	118	178	224	89	38	M12X28	80	65	75	10	33	41	132	18	4-012	2-M32XL5	476	172	110
160M	254	65	314	314	251	162	210	260	108	42	M16X36	no	90	75	12	37	45	160	20	4-0145	2-M40XL5	608	256	152
160L	254	65	314	314	251	162	254	304	108	42	M16X36	no	90	10	12	37	45	160	20	4-014.5	2-M40X1.5	652	256	152
1B0M	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	425	51.5	180	22	4-0)145	2-M40XL5	688	271	152
180L	279	70	349	355	267	162	279	349	121	48	M16X36	no	90	10	14	425	51.5	180	22	4-014.5	2-M40X1.5	726	271	152
200L	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	10	16	49	59	200	25	4-a) i&52	2-M50XL5	779	296	190
22SS	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	5	18	53	64	225	28	4-a) ia5	2-M50X1.5	824	329	190
22 5M	356	75	431	446	322	210	311	393	149	55	M20X42	no	100	75	16	49	59	225	28	4-<wa5	2-M50XL5	819	299	190
250M	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	53	64	250	30	4-024	2-M63XL5	910	347	218
280S	457	85	542	547	387	248	368	465	190	65	M20X42	140	125	75	18	58	69	280	35	4-024	2-M63XL5	982	355.5	218
280M	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-0>24	2-M63X1.5	1033	355.5	218
315S	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	75	18	58	69	315	45	4-<J)	282-M63XL5	1194	397	280
315M	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-028	2-M63X1.5	1304	397	280
315L	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	75	18	58	69	315	45	4-028	2-M63XL5	1304	397	280
35 5M	610	116	726	698	642	380	560	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-028	2-M63XL5	1486	414	330
355L	610	116	726	698	642	380	630	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-<J)	282-M63XL5	1486	414	330



End Suction Pumps PSTB

PSTB End Suction Pumps

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

PST

EN733 standard centrifugal pump

Bomba centrifuga normalizada EN733



NEW/NUEVO

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APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

PATENTS

- Registered model PST
- Registered Patent Design n 201530478502.0

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE <i>DE</i> <i>DESCARGA</i>	IMPELLER SIZE <i>DEL IMPULSOR</i>						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	SS304	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron

MODEL MODELO	Power		us gpm l/min m³/h	Q= DELI VERY/ CAUDAL																			DN
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925	
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	mm
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9															50x32
32-125/11	1.1	1.5		22	21	197	16.5	14.5	9														50x32
32-160/15	1.5	2		25.4	23.7	22.5	18.5	15.8															50x32
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30	3	4		35	343	34	28	25.5	19	15													50x32
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8													50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32
32-250/55	5.5	7.5		60	59.5	59	55	51	34.5														50x32
32-250/75	7.5	10		69.5	69	68.5	66	63	S3														50x32
32-250/110	11	15		90	89.5	89	82	79	66														50x32
32-250/55D	5.5	7.5		79.5	74.7	71.8	63	56	37.5														50x32
32-250/75D	75	10		95	93	91	83	76	57.8														50x32
40-125/11	1.1	1.5		14.7				13.5	11.5	10.1	5.8												65x40
40-125/15	15	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22	2.2	3		24.5				23.2	21.5	20.2	16	13	83										65x40
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5											65x40
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1										65x40
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30											65x40
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5										65x40
40-250/92	9.2	12.5		64				59	565	55	49.5	45	39.8										65x40
40-250/110	11	15		72				67.5	66	615	57.5	52.2	47										65x40
40-250/150	15	20		84.5				80	773	75.2	71	65	61										65x40
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5								65x50
50-125/30	3	4		20							18.8	18	17	1S.6	11								65x50
50-125/40	4	5.5		24							23.1	23	21.5	203	15.8	11.8							65x50
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92	92	12.5		50.5							46.8	45	43	40.9	32.5	267							65x50
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150	15	20		62							58	56.5	54.S	52	44.5	39	35.5						65x50
50-250/150	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47						65x50
50-250/220	22	30	89.5							86	85.3	84	81.5	73.5	65.5	57						65x50	
65-125/40	A	5.5	19									17.3	16.8	14.5	13	11.8						80x65	
65-125/55	5.5	7.5	23									213	20.9	19	17.5	16.7	13.7					80x65	
65-125/75	7.5	10	27									26	25.6	24.5	23	22.5	20	18				80x65	
65-160/92	9.2	12.5	33										31.5	30	28	27.1	24	21.S				80x65	
65-160/110	11	15	36										34.5	33	31.5	30.8	28	25.5				80x65	
65-160/150	15	20	42										41	40	38.5	37.8	35	33	29.5			80x65	
65-200/150	15	20	45										45.5	43	41	40.2	36.5	34				80x65	
65-200/185	18.5	25	52										52.3	51	49	48.2	44.5	42				80x65	

65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5				80x65
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50					80x65
65-250/300	30	40	80											79.8	77.5	75.5	74.5	70	66	58				80x65
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68				80x65
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83				80x65
65-315/450	45	60	112											109.2	107.7	105.8	104.5	102.5	100	93	66			80x65
65-315/550	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76			80x65
65-315/750	75	100	141											139.8	137.3	135.6	134.5	132.5	130	122	96	65.5		80x65
80-125/40	4	5.5	17											16.5	15.9	14.3	13.5	11.6	10	7.5				100x80
80-125/55	5.5	7.5	21											20.5	20	19	18	16.5	15	12.5	9.5			100x80
80-125/75	7.5	10	26											25	25	24.5	23.8	22.5	21.5	19.5	16.5			100x80

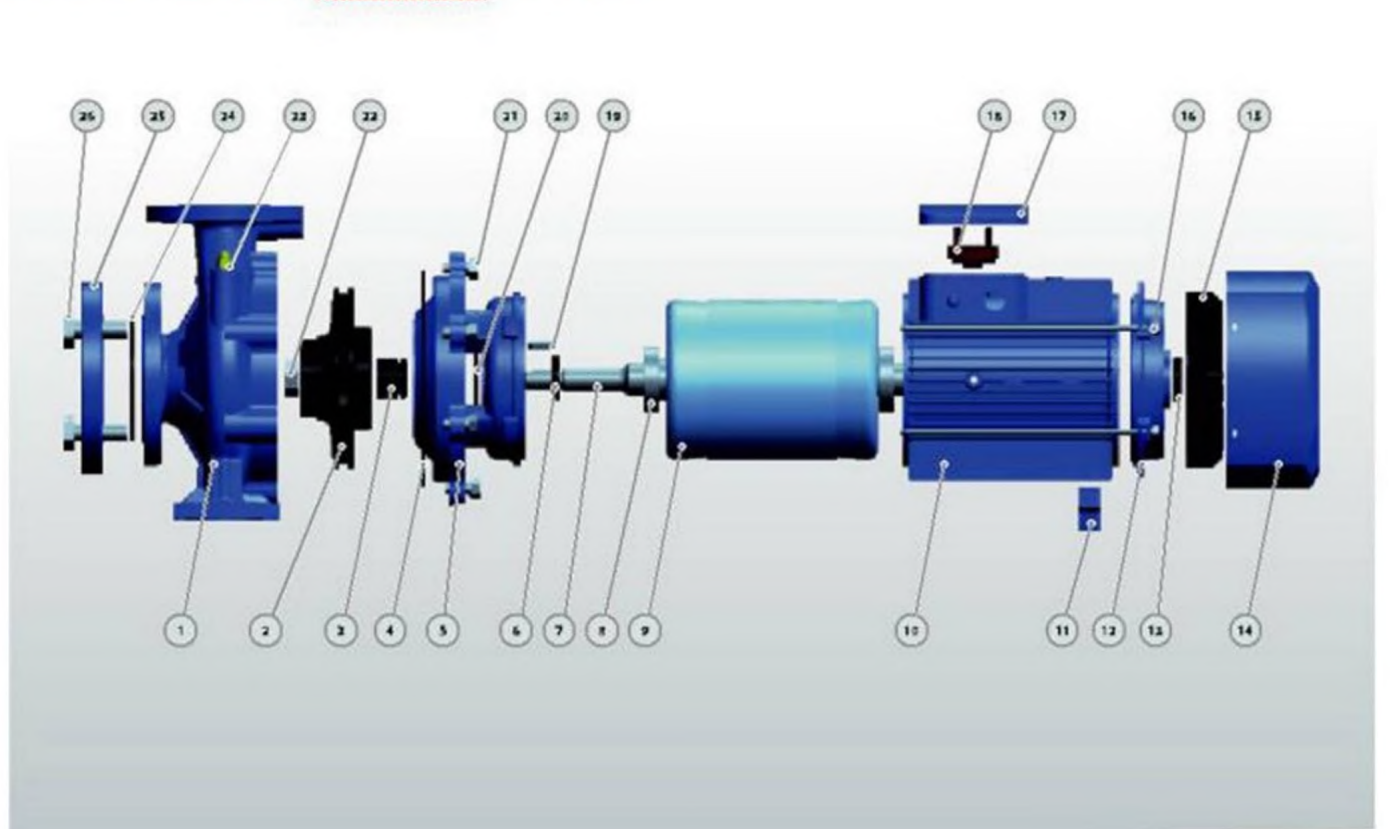
TECHICAL DATA/DATOS TECNICOS

50 HZ n=2900 1/min

MODEL MODELO	Power Potencia		us gpm l/min m³/h	Q=DELIVERY/ OU/DiXU																			DN mm
	kw	hp		0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	4405		
				0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666		
				0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000		
80-160/110	11	15		27	27	273	24.5	21.1	16													100x80	
80-160/150	15	20		32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100x80	
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	253	23.5											100x80	
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	303	28.5											100x80	
80-200/220	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5											100x80	
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80	
80-250/370	37	50		71.5	70.9	70.5	65.5	593	51	43.2	38.5											100x80	
80-250/450	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100x80	
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	683											100x80	
80-315/450	45	60		85	84	82.6	82	78	683	61	56											100x80	
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100x80	
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100x80	
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100x80	
100-160/150	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x100	
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x100	
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	253	22									125x100	
100-200/220	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x100	
100-200/300	30	40		44.5	42.5	42	40.2	38.8	36.7	342	33	31.7	29	217	18							125x100	
100-200/370	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x100	
100-250/450	45	60		65	65	64	63	61	58	56	55	533	50	39	33.5							125x100	
100-250/550	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59							125x100	
100-250/750	75	100		91	91	90.5	89.7	88	85.5	84	833	81.5	78	71.7	68.5	48						125x100	
100-315/550	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60						125x100	
100-315/750	75	100		100			99	97.4	95	94	93.5	93	913	88	86	80						125x100	
100-315/900	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98						125x100	
100-315/1100	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x100	

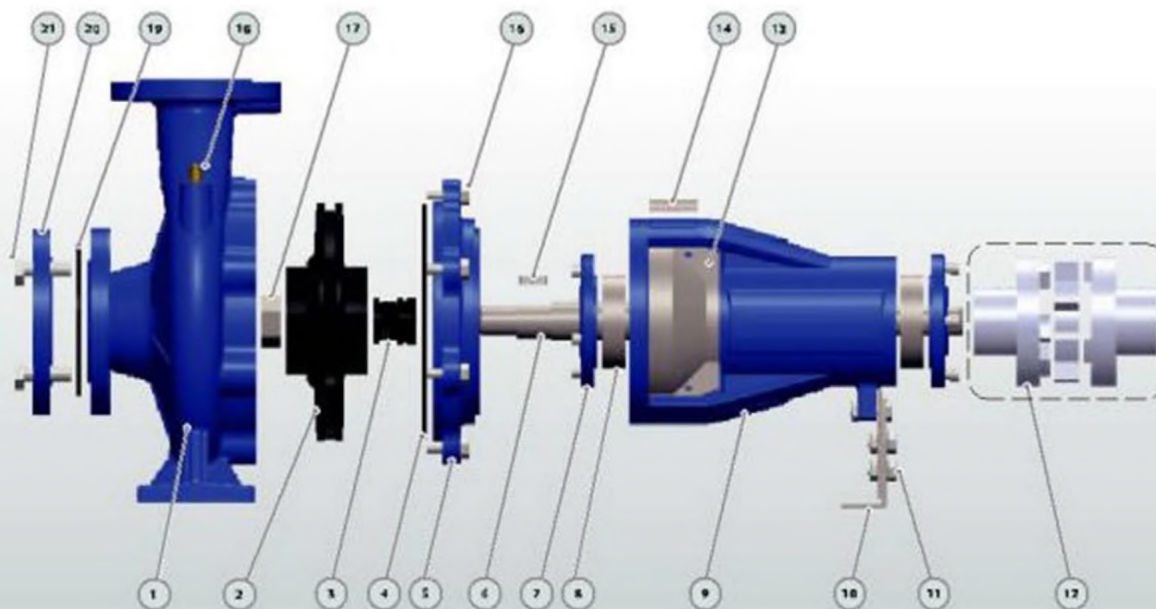
125-200/450	45	60	H(m)	39.8			393	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25							150x125
125-200/550	55	75		49.8			493	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35							150x125
125-200/750	75	100		60.8			603	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46							150x125
125-250/550	55	75		70			67	65	64	63	62	61	59.5	57	56	53								150x125
125-250/750	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5							150x125
125-250/900	90	125		87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7							150x125
125-250/1100	110	150		97			94	92	91	90	89	88	87	84.6	83.9	80.4	76							150x125
125-315/900	90	125		89						87	86	85	83.7	81.5	81	77	74	61						150x125
125-315/1100	110	150		103						101	100	99	97.8	95.5	95	91.5	88.2	75.6						150x125
125-315/1320	132	180		118						116	115	114	112.5	110.5	1103	106.5	103.2	91						150x125
125-315/1600	160	220		138						136.8	135.9	135	133.7	131.5	131	127.5	1242	112						150x125
150-200/750	75	100		50								48	47.9	47.6	47.2	46.7	46.4	40.6	36.8	25.2				200x150
150-200/900	90	125		56								54	53.9	53.6	53.2	52.7	52.4	48	42.8	31.2				200x150
150-200/1100	110	150		65.2								62	61.7	61.2	60.8	59.8	59.2	57.2	54	46				200x150
150-250/1100	110	150		67											64.2	62	60.6	55.8	49.8	33.8				200x150
150-250/1320	132	180		80.2											78.2	76.3	75	70.6	65	50.2	29.8			200x150
150-250/1600	160	220		90											88.4	87	86	82	77.2	62.4	42			200x150
150-315/1600	160	220		92											90	88.3	87.2	82.8	76.8	60.4				200x150
150-315/2000	200	270		111											110.6	108.7	107.4	103.4	98.2	83.4	62.2			200x150
150-315/2500	250	340		135											135.4	133.7	132.6	128.6	123.8	110.2	91			200x150

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Selto Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sell - Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45H Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			

MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	15	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulse</i>	SSMM/Cast iron <i>Inox 304/Fundición</i>	9	Support Case <i>Cuerpo Soporte</i>	Cast iron <i>Fundición</i>	16	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Cast iron/SS304 <i>SiC-Grafito-Inox304</i>	10	Support Foot <i>Soporte Pie</i>	Iron <i>Hierro</i>	17	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	11	Foot Bolt <i>Perno</i>	Steel <i>Acero</i>	18	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	12	Coupling(Optional) <i>Unión(Opcional)</i>	Steel <i>Acero</i>	19	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
6	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45n Hierro</i>	13	Case Cover <i>Tapa Cuerpo</i>	SS304 <i>Inox304</i>	20	Counter Flange <i>Contra Bida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
7	Bearing Cover <i>Tapa Rodamiento</i>	Cast iron <i>Fundición</i>	14	Nameplate <i>Letrero</i>	Aluminum <i>Aluminio</i>	21	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>

PST

EN733 standard centrifugal pump

Bomba centrifuga normalizada EN733



PST



PST(B)

NEW/NUEVO

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

PATENTS

- Registered model PST
- Registered Patent Design n 201530478502.0

DISCHARGE E SIZE DE DESCARGA	IMPELLER SIZE DEL IMPULSOR						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	SS304	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron

MODEL MODELO	Power Potencia		US gpm l/min	Q=DEUVERY/CAUDAL																			DN
				0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925	
	kw	hp	m/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	mm
32-125/07 o	0.75	1		17.5	16.7	15	12	9															50x32
32-125/11 o	LI	L5		22	21	19.7	16.5	14.5	9														50x32
32-160/15 •	L5	2		25.4	23.7	225	18.5	15.8															50x32
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30 •	3	4		35	34.3	34	28	25.5	19	15													50x32
32-200/30 •	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8													50x32
32-200/40 •	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32
32-250/55 •	5.5	7.5		60	59.5	59	55	53	49	46													50x32
32-250/75 •	7.5	10		75	74.5	74.3	73.5	72.5	68.5	67.3	60												50x32
32-250/110 •	11	15		90	87.5	85.8	82	79	75	72	65												50x32
32-250/55Do	5.5	7.5		79.5	77	74	70	66	54	42													50x32
32-250/75DO	7.5	10		95	93	91	87	83	75	70	32												50x32
40-125/11 o	LI	L5		14.7				13.5	11.5	10.1	5.8												65x40
40-125/15 o	L5	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22 ©	2.2	3		24.5				23.2	21.5	20.2	16	13	83										65x40
40-160/30 •	3	4		31.8				29.5	275	26.3	21.5	17.5											65x40
40-160/40 •	4	5.5		38				36	34	33	28.5	25	20.1										65x40
40-200/55 •	5.5	7.5		46				43.8	413	40.1	35	30											65x40
40-200/75 •	7.5	10		57				53.6	51.5	50	45	41	36.5										65x40
40-250/92 •	9.2	12.5		64				59	56.5	55	49.5	45	39.8										65x40
40-250/110 •	11	15		78				75	73	72	67	63	56	43									65x40
40-250/150 •	15	20		88.5				83.5	80.5	79	74	70.5	65	52									65x40
50-125/22 •	22	3		17							15.4	14	12.8	11.5	6.5								65x50
50-125/30 •	3	4		20							18.8	18	17	15.6	11								65x50
50-125/40 •	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8							65x50
50-160/55 •	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50
50-160/75 •	7.5	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92 •	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7							65x50
50-200/110 •	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150 •	15	20		62							58	56.5	54.5	52	44.5	39	35.5						65x50
50-250/150 •	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185 •	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47						65x50
50-250/220 •	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57						65x50
65-125/40 •	4	5.5		19									173	16.8	14.5	13	11.8						80x65
65-125/55 •	5.5	7.5		23									21.3	20.9	19	17.5	16.7	13.7					80x65
65-125/75 •	7.5	10		27									26	25.6	24.5	23	22.5	20	18				80x65
65-160/92 •	9.2	12.5		33										31.5	30	28	27.1	24	21.5				80x65
65-160/110*	11	15		36										34.5	33	31.5	30.8	28	25.5				80x65
65-160/150 •	15	20		42										41	40	38.5	37.8	35	33	29.5			80x65
65-200/150 •	15	20		45										45.5	43	41	40.2	36.5	34				80x65
65-200/185 •	18.5	25		52										52.3	51	49	48.2	44.5	42				80x65
65-200/220 •	22	30		59										59.5	58	56	55	52	49.5	44.5			80x65
65-250/220 •	22	30		64.8										64.7	62	60	58.5	53	50				80x65
65-250/300 •	30	40		80										79.8	77.5	75.5	74.5	70	66	58			80x65
65-250/370 •	37	50		92										90.5	88.5	87	85	80.5	78	68			80x65
65-315/370 •	37	50		102										99.2	97	95	94.5	92.4	90	83			80x65
65-315/450 •	45	60		112										109.2	107.7	105.8	104.5	102.5	100	93	66		80x65
65-315/550 •	55	75		122										119.2	117.4	115.7	114.5	112.5	110	103	76		80x65
65-315/750 •	75	100		141										139.8	137.3	135.6	134.5	132.5	130	122	96	65.5	80x65
80-125/40 •	4	5.5		17									16.5	15.9	14.3	13.5	11.6	10	75				100x80
80-125/55 •	5.5	7.5		21										20.5	20	19	18	16.5	15	125	9.5		100x80
80-125/75 •	7.5	10		26										25	25	24.5	23.8	225	21.5	16.5			100x80

° = PST available ° = PS available • = PST&PS available/drspo/wb/e *

MODEL MODELO	Power Potencia		us gpm	Q=DELIVERY/C>4/(D>4£																	DN
				0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	
	l/min	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666		
		m³/h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	mm
80-160/110 •	11	15	H(m)	27	27	273	24.5	2L1	16												100x80
80-160/150 •	15	20		32.8	32.6	325	302	27	221	18.5	16.7										100x80
80-160/185 •	18.5	25		39	385	38	36.7	33.6	28.8	253	23.5										100x80
80-160/220 •	22	30		44	43.5	43	41.7	38.6	33.8	303	28.5										100x80
80-200/220 •	22	30		48	47.7	475	435	39.2	325	272	24.5										100x80
80-200/300 •	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5										100x80
80-250/370 •	37	50		7L5	70.9	70.5	65.5	59.3	51	432	38.5										100x80
80-250/450 •	45	60		88	86.7	86	83.6	78.5	70.5	60	51										100x80
80-250/550 •	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	683										100x80
80-315/450 •	45	60		85	84	826	82	78	683	61	56										100x80
80-315/550 •	55	75		98	97	95.6	95	91	8L3	74	69										100x80
80-315/750 •	75	100		124	123	12L6	121	117	1073	100	95	90	80.8								100x80
80-315/900 •	90	125		144	143	14 L6	141	137	127.3	120	115	110	1003								100x80
100-160/150 •	15	20		35	335	325	30	27.8	24.5	21.5	20	183	15								125x100
100-160/185 •	18.5	25		38.5	375	36.5	343	32.2	29	25.7	24	22	18								125x100
100-160/220 •	22	30		43	41	40	37.6	35.2	3L5	28.5	27	253	22								125x100
100-200/220 •	22	30		38.5	36.7	35.7	333	3L7	28.5	26.8	26	25	22.9	163	13						125x100
100-200/300 •	30	40		44.5	42.5	42	402	38.8	36.7	342	33	3L7	29	2L7	18						125x100
100-200/370 •	37	50		55	53	51	50.6	49.2	47	45	44	42.8	405	328	29						125x100
100-250/450 •	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5						125x100
100-250/550 •	55	75		77	76	75.5	75	73.8	72	71.7	7L5	70.7	69	623	59						125x100
100-250/750 •	75	100		91	91	90.5	89.7	88	85.5	84	833	8L5	78	7L7	68.5	48					125x100
100-315/550 •	55	75		80			79	77.4	75	74	73.5	73	713	68	66	60					125x100
100-315/750 •	75	100		100			99	97.4	95	94	93.5	93	913	88	86	80					125x100
100-315/900 •	90	125		118			1165	114.7	112	111	110.8	110.5	108.7	106	104	98					125x100
100-315/1100 •	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118					125x100
125-200/450 •	45	60		39.8			393	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25				150x125
125-200/550 •	55	75		49.8			493	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35				150x125
125-200/750 •	75	100		60.8			603	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46				150x125
125-250/550 •	55	75		70			67	65	64	63	62	61	59.5	57	56	53					150x125
125-250/750 •	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5				150x125
125-250/900 •	90	125		87			84	82	81	80	79	78	77	74.5	73.5	702	65.7				150x125
125-250/1100 •	110	150		97			94	92	91	90	89	88	87	84.6	83.9	80.4	76				150x125
125-315/900 •	90	125		89						87	86	85	83.7	8L5	81	77	74	61			150x125
125-315/1100 •	110	150	103						101	100	99	973	95.5	95	91.5	88.2	75.6			150x125	
125-315/1320 •	132	180	118						116	115	114	1125	110.5	110.3	106.5	103.2	91			150x125	
125-315/1600 •	160	220	138						136B	135.9	135	1337	131.5	131	127.5	124.2	112			150x125	
150-200/750 •	75	100	50								48	47.9	47.6	47.2	46.7	46.4	40.6	363	252	200x150	
150-200/900 •	90	125	56								54	53.9	53.6	53.2	52.7	524	48	423	312	200x150	
150-200/1100 •	110	150	65.2								62	61.7	6L2	60.8	593	59.2	572	S4	46	200x150	
150-250/1100 •	110	150	67											64.2	62	60.6	55.8	493	333	200x150	
150-250/1320 •	132	180	80.2											78.2	763	75	70.6	65	502	29.8	200x150
150-250/1600 •	160	220	90											88.4	87	86	82	772	62.4	42	200x150
150-315/1600 •	160	220	92											90	883	87.2	82.8	763	60.4		200x150
150-315/2000 •	200	270	111											110.6	108.7	107.4	103.4	982	83.4	622	200x150
150-315/2500 •	250	340	135											135.4	133.7	132.6	128.6	123.8	1102	91	200x150

• =PS available • = PST&PS available/disponible

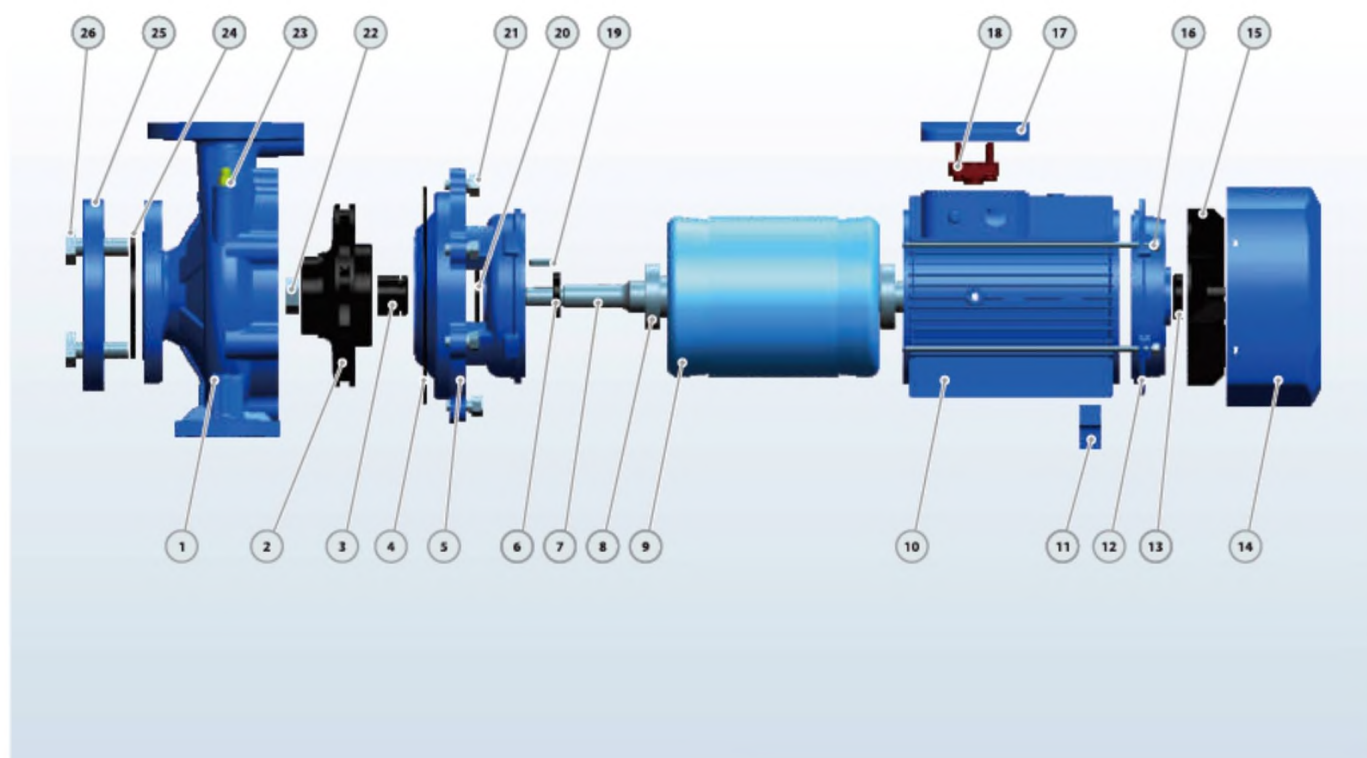
MODEL MODELO	Power Potencia		us gpm	Q=DELIVERY/C>ia£M£																	DN	
				0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881		1101
	l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4166			
	m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	mm		
65-160/11	•	LI	L5	H(m)	8	7.5	7A	73	7	6.6	63	5.8	43	3.4								80x65
65-160/15	•	15	2		9	8.5	8.4	83	8	7.6	7.4	6.9	6	4.6								80x65
65-160/22	•	22	3		103	9.9	9.9	93	9.5	9.2	9	8.6	73	6.5	5							80x65
65-200/15	•	15	2		10			9.6	9.1	8.5	8.2	7.6	6.4	4.6								80x65
65-200/22	•	22	3		12.4			122	11.8	113	11	10.4	93	7.6								80x65
65-200/30	•	3	4		14.4			143	133	13.4	13.1	125	113	9.6	7.5							80x65
65-250/30	•	3	4		15.4			14.6	13.9	13.1	126	1L6	9.7	6.7								80x65
65-250/40	•	4	5.5		19			183	173	17.2	16.9	16.1	14.4	1L7								80x65
65-250/55	•	5.5	7.5		223			213	20.9	20.3	19.9	19.2	17.7	15.1	12							80x65
65-315/40	♦	4	5.5		18.6			173	173	16.7	16.2	15.2	133									80x65
65-315/55	•	5.5	7.5		221				212	20.6	20.2	19.2	173	14								80x65
65-315/75	•	7.5	10		26.5				25.6	25.2	24.9	243	23	20.8	17.6							80x65
65-315/110	•	11	15		34.8				342	33.9	33.7	33.2	321	30.2	27.4	25.6	23.7	18.7				80x65
80-160/15	•	L5	2		72					7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80
80-160/22	•	2.2	3		8.5					8.6	8.4	8	7.4	6.6	62	5.7	5					100x80
80-200/30	•	3	4		1L2					11	10.7	10.1	9.2	8	73	6.6						100x80
80-200/40	•	4	5.5		13.8					13.8	13.6	133	124	1L3	10.7	10	9					100x80
80-250/40	•	4	5.5		16.5					16	15.6	143	13.2	1L4	102	9						100x80
80-250/55	•	5.5	7.5		19.8					19.5	19.1	18.4	17.2	15.5	14.5	13.5	1L1					100x80
80-250/75	•	7.5	10		23.6					23.5	23.2	225	213	19.9	19	18.1	16					100x80
80-250/110	•	11	15		27.6					27.5	27.2	26.5	253	23.9	23	221	20	15				100x80
80-315/55	•	5.5	7.5		19.7					19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80
80-315/75	•	7.5	10		24.6					23.9	23.6	23	2L9	20.4	195	18.6	163					100x80
80-315/110	•	11	15		29.9					29.4	29.2	283	28.1	27	263	25.5	23.6	16.5	13.5			100x80
80-315/150	•	15	20		36.8					36.4	36.1	35.6	34.7	33.6	33	324	30.9	253	23			100x80
80-400/185	•	18.5	25		403					39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	273	24.5			100x80
80-400/220	•	22	30		45.1					44.6	44.5	442	43.6	426	42	4L4	39.8	33.4	30.7			100x80
80*400/300	•	30	40		55.1					54.7	54.6	54.4	54	533	52.8	522	50.9	45.4	432			100x80
100-160/22	•	22	3		5S					5.8	5.7	55	53	5	4.9	4.6	4.3					125x100
100" 160/30	•	3	4		82					8.1	8	7.9	7.6	7.3	72	6.9	6.5	5.1				125x100
100-160/40	•	4	5.5		10					10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	63			125x100
100-200/40	•	4	5.5		11.8					1L7	1L6	11.4	11	10.5	103	9.7	9.1	63	5.9			125x100
100-200/55	•	5.5	7.5		14.8					14.7	14.7	14.5	14.2	13.9	133	13.5	13	111	103			125x100
100-250/55	•	5.5	7.5		15.9					15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	92	7.9			125x100
100-250/75	•	7.5	10		19.5					19.5	19.4	192	18.8	183	18.1	17.6	16.9	14	12.7			125x100
100-250/110	•	11	15		24.3					24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	1L4		125x100
100-250/150	•	15	20		2T8					27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	232	221	14.9		125x100
100-315/150	•	15	20		29.9						29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8		125x100
100-315/185	•	18.5	25		35						34.4	342	33.8	33.5	333	328	32.2	30	29	224		125x100
100-315/220	•	22	30		37						36.8	36.7	36.4	36.1	35.9	35.5	35.1	332	32.4	26.6		125x100
100-315/300	•	30	40	42						4L8	41.7	4L4	4L1	40.9	40.5	40.1	382	37.4	3L6		125x100	
100-400/300	•	30	40	46.4							46	46	46	46	45	44	42	40	29.6		125x100	
100-400/370	•	37	50	5L8							513	5L2	5L1	51	50.5	49.5	475	46	37.3		125x100	
100-400/450	•	45	60	57.1								56.7	56.4	56.1	56	56	55	53	52	45	321	125x100

MODEL MODELO	Power Potencia		US gpm l/min	Q=DELIVERY/C>4a£ME																	DN
				0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
	0	500		583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000			
	kw	hp	m³/h	0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	mm
125*200/55	5.5	7.5	H(m)	1L4	1L1	1L1	11	10.9	10.8	102	10	9.7	8.9	8.6	6.9						150x125
125-200/75	7.5	10		14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6						150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8					150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1							150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	153	1L7					150x125
125-250/150	15	20		23.2					23.3	23.1	23	229	22	22	19.8	16.5	123				150x125
125-250/185	18.5	25		25.6					25.5	255	25.4	253	24.9	24.7	23	203	16.5				150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	233	19.7	14.9				150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4				150x125
125-315/300	30	40		35.6							35.4	353	34.8	34.6	32.9	30.1	26.1				150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8			150x125
125-400/220	22	30		33.4						323	325	32.1	30.5	29.7	24.7	173					150x125
125-400/300	30	40		41						41	40.5	403	39.2	38.6	34.4	27.5	183				150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5				150x125
125-400/450	45	60		5L4						51	50.9	503	50.1	49.8	47	422	343				150x125
125-400/550	55	75		56.5						563	56.3	562	55.9	55.7	533	50.3	44.7	26.7			150x125
150-200/110	11	15		14								13.5	13.4	13.3	13.1	12.9	117	7.8			200x150
150-200/150	15	20		16.3								15.5	153	15.2	14.8	14.3	13.5	1L1			200x150
150-200/185	18.5	25		183								17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5										16.8	15.9	14.7	132	9.2			200x150
150-250/185	18.5	25		213										20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24										23.6	23	22	203	17.1	12		200x150
150-250/300	30	40		25.5										25	24.5	23.5	22	18.8	133		200x150
150-315/300	30	40		30.2										29.7	29	27.9	26.4	223			200x150
150-315/370	37	50		33.6										33.5	32.7	3L7	30.4	26.7	21.4		200x150
150-315/450	45	60		37.7										37.6	36.9	35.9	34.7	3L3	26.5		200x150
150-315/550	55	75		40										40	393	38.4	372	33.9	29.4		200x150
150-315/750	75	100		45										45	443	43.4	422	38.9	34.4	27	200x150
150400/550	55	75		48.2									47.7	48	46	45	42	36.8	292		200x150
150-400/750	75	100		55.4									55	55	54	53	51	47	41	322	200x150
150400/900	90	125		59.5									59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150		65.5									65	65	64	63	62	58	52	43.7	200x150

MODEL MODELO	Power Potencia		US gpm l/min	Q=DELIVERY/C>4a£M£														DN
				0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075	5586	
	0	2283		3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200	21133			
	kw	hp	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268	mm
200-250/185 •	18.5	25	H(m)	15.7	15.3	14.8	13.7	122	10.6	8.9	6.8							250x200
200-250/220 •	22	30		18.5		17.2	16.2	14.8	131	11.1	8.7							250x200
200-250/300 •	30	40		231		21.5	20.5	19.4	175	16	13.6	10.8						250x200
200-315/550 •	55	75		311		30.2	29.8	29.1	273	253	23	19.2	143					250x200
200-315/750 •	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1					250x200
200-315/900 •	90	125		421		413	41	403	39	36.9	34.1	30.4	26.1					250x200
200-400/750 •	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5						250x200
200-400/900 •	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9					250x200
200-400/1100 •	110	150		524		522	51.9	51.2	50	48	45.1	41.2	36.2					250x200
200-400/1320 •	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6				250x200
250-315/550 •	55	75		261			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5			300x250
250-315/750 •	75	100		35.4			35.2	34.7	33.3	32.5	30.4	28	25	21.3	16.4			300x250
250-315/900 •	90	125		39.3			39.8	39.5	38.3	37.3	36	33.9	31	27.3	22.5			300x250
250-400/1100 •	110	150		45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9		300x250
250-400/1320 •	132	180		50.3			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5		300x250
250-400/1600 •	160	220		56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250

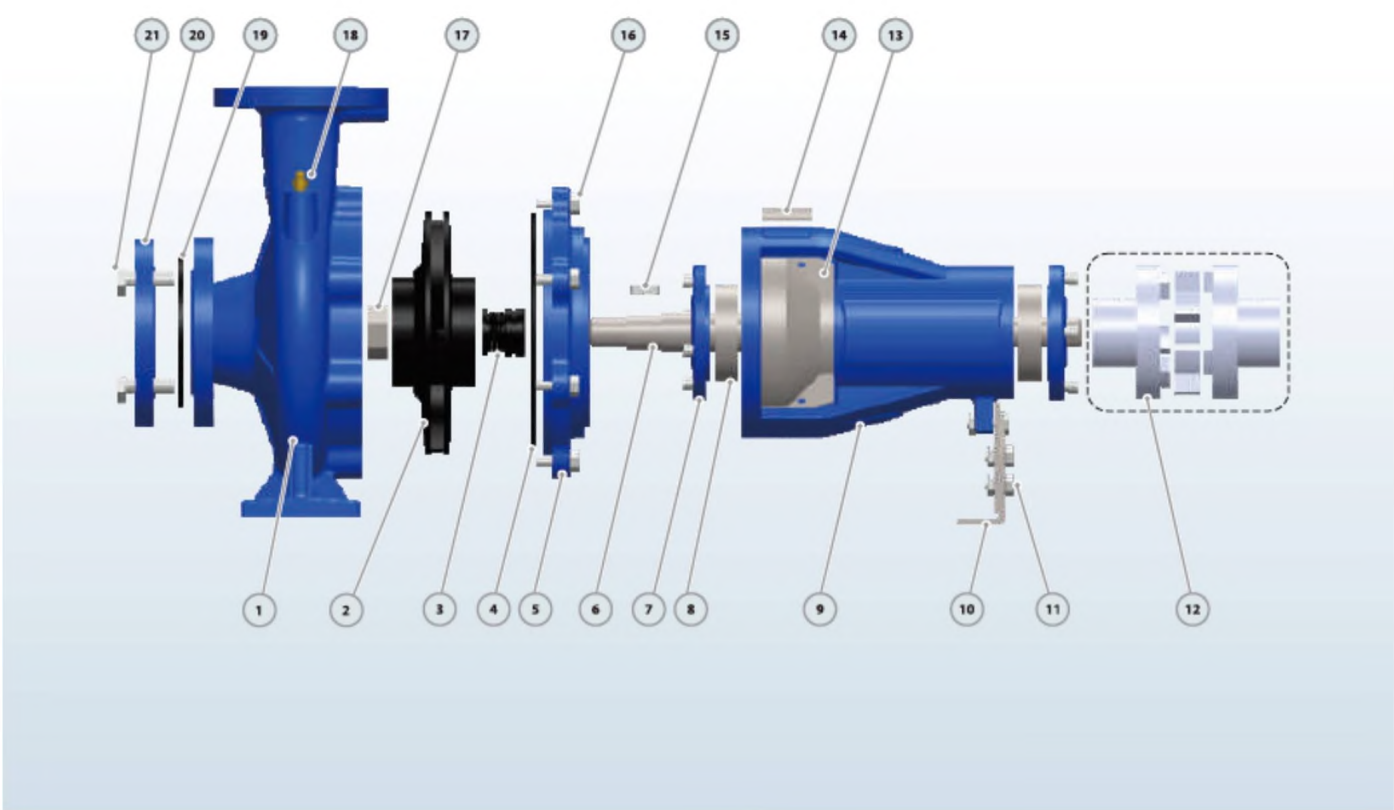
•=PS4 available/disponible

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	10	Motor Case <i>Cuerpo de Motor</i>	Aluminum <i>Aluminio</i>	19	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulsor</i>	SS304/Cast iron <i>Inox 304/Fundición</i>	11	Support Foot <i>Soporte Pie</i>	Plastic <i>Plástico</i>	20	Water Deflector <i>Deflector</i>	Rubber <i>Caucho</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carbon/SS304 <i>SiC-Grafito-Inox304</i>	12	Back Cover <i>Tapa Trasera</i>	Cast iron <i>Fundición</i>	21	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	13	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	22	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	14	Fan Cover <i>Tapa Ventilador</i>	Aluminum <i>Aluminio</i>	23	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
6	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	15	Fan <i>Ventilador</i>	Plastic <i>Plástico</i>	24	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
7	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45# Hierro</i>	16	Through Bolt <i>Perno</i>	Steel <i>Acero</i>	25	Counter Flange <i>Contra Brida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	17	Terminal Box <i>Caja de Bornas</i>	Aluminum <i>Aluminio</i>	26	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>
9	Wound Stator/Rotor <i>Estató / Rotor</i>	Silicon Steel/Copper <i>Acero al Silicio/Cobre</i>	18	Terminal Board <i>Tablero de Bornas</i>	Plastic <i>Plástico</i>			

MMERIAL DESCRIPTION / DESCRIPCION DE MATERIAL

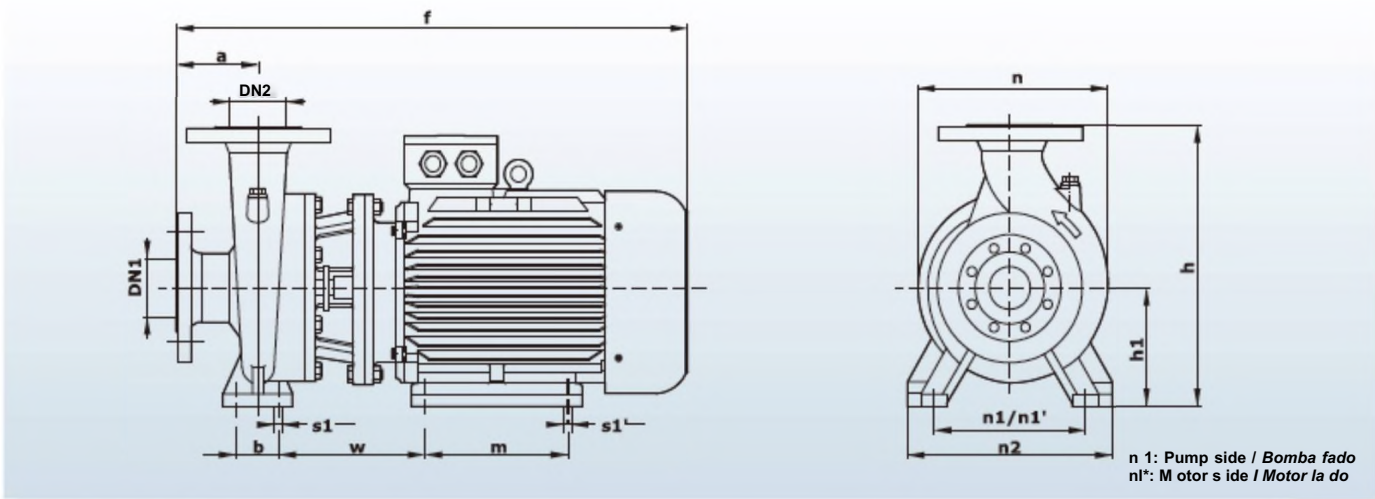


No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SJC/Carbon/SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	CoupBng(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel

The image contains two technical drawings of the pump assembly. The left drawing is a side view showing the pump head, motor, and mounting feet. Dimensions labeled include: $DN1$ (inlet diameter), $DN2$ (outlet diameter), f (total length), $w1$ (mounting foot width), $w2$ (motor base width), and a (distance from inlet to motor base). The right drawing is a front view of the pump head. Dimensions labeled include: n (total width), h (total height), $h1$ (height to centerline), $h2$ (height to top), $n1$ (width to centerline), and $n2$ (width to mounting foot).

MODEL/ <i>MODELO</i>		DIMENSIONS / <i>DIMENSIONES</i> mm													kg													
Single-phase <i>Monofásico</i>	Three-phase <i>Trifásico</i>	DN1	DN2	a	f	h	hi	h2	n	n1	n2	w1	w2	s	1-	3-												
32-125/7	32-125/7	90	32	80	435	255	114	141	202	140	190	35	35	15	27	24												
32-125/11	32-125/11																28	25										
32-160/15	32-160/15																38	34										
32-160/22	32-160/22			83	295	133	162	245	190	245	35	35	15	43	39													
32-160/30	32-160/30					470										54	50											
32-200/30	32-200/30				82	490	342	161	181	265					240				56	52								
-	32-200/40															-	53											
-	32-250/55															-	66											
-	32-250/75					88	590	405	186	219	333	250	328	49	49	16	-	73										
-	32-250/110															-	95											
-	32-250/55D					160	610	362	162	200	330	216	280			14	-	73										
-	32-250/75D																-	80										
40-125/11	40-125/11			65	40									37	37		30	27										
40-125/15	40-125/15					82	440	260	116	144	220	160	212						33	29								
40-125/22	40-125/22																		38	34								
40-160/30	40-160/30															52	48											
-	40-160/40	80	490			305	135	170	250	190	241					-	50											
-	40-200/55															-	66											
-	40-200/75	102	560			345	162	193	282	214	267					-	73											
-	40-250/92															-	100											
-	40-250/110	94	712			415	186	229	327	250	327	49	49			-	116											
-	40-250/150															-	146											
50-125/22	50-125/22	50	50											37	37	15	45	41										
50-125/30	50-125/30					102	525	305	135	170	263	190	245						54	50								
-	50-125/40																		-	52								
-	50-160/55																	-	64									
-	50-160/75					110	560	348	164	193	270	212	262					-	71									
-	50-200/92															-	90											
-	50-200/110			104	722	392	186	206	307	232	310					-	106											
-	50-250/150															-	145											
-	50-250/185															-	153											
-	50-250/220			102	720	416	186	230	330	250	327					-	183											
-	65-125/40			80	65									49	49		-	56										
-	65-125/55					104	580	345	162	193	275	212	280						-	68								
-	65-125/75																		-	74								
-	65-160/92																	-	90									
-	65-160/110					110	730	425	186	239	330	232	309	49	49			-	106									
-	65-160/150																					-	134					
-	65-200/150																				-	140						
-	65-200/185					111	740	240								-	145											
-	65-200/220																-	185										
-	80-125/40	100	80														-	56										
-	80-125/55					117	750	357	163	194		212	280						-	68								
-	80-125/75																			-	74							
-	80-160/110																	-	113									
-	80-160/150					88							255	332				-	143									
-	80-160/150																	-	150									
-	80-160/185-220							435	186	250						-	143											
-	100-160/150			125	100	130	765				345	262	340	55	55	16	-	150										
-	100-160/150																										-	183
-	100-160/220																											

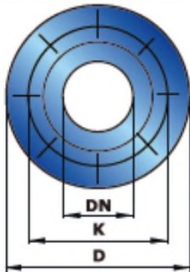
DIMENSIONS AND WEIGHT/ DIMENSIONES Y PESOS



MODEL/MODELO Three-phases Trifásico	DIMENSIONS 1 DIMENSIONES mm															kg	
	DN1	DN2	a	f	h	hi	n	n1	nV	n2	b	w	m	s1	s1_	3~	
65-250/220	80	65	116	870	420	180	369	260	279	320	70	246	241	18	15	210	
65-25Q/300				990	456	195		250	318	327		293	305		19	230	
65-25Q/370																	240
80-200/220	100	80	118	880	460	250	360	279	260	260	95	258		20	15	212	
80-200/300				950									246			241	15
80-250/370			130		228	305	19	245									
80-250/450				980	356	310	229	311	24	385							
80-25(V550)				1160	406	363	349		497								
100-200/220	125	100	140	910	530	225	422	324	279	402	115	256	305	18	15	217	
100-200/300				1025								318	248			241	227
100-200/370																	250
100-250/450				1000	580	250	418	310	356	402	95	224	311	20	19	390	
100-250/550				1180								406	325		349	20	503
100-250/750				1250								436					535

COUNTER FLANGE / CONTRABRIDA

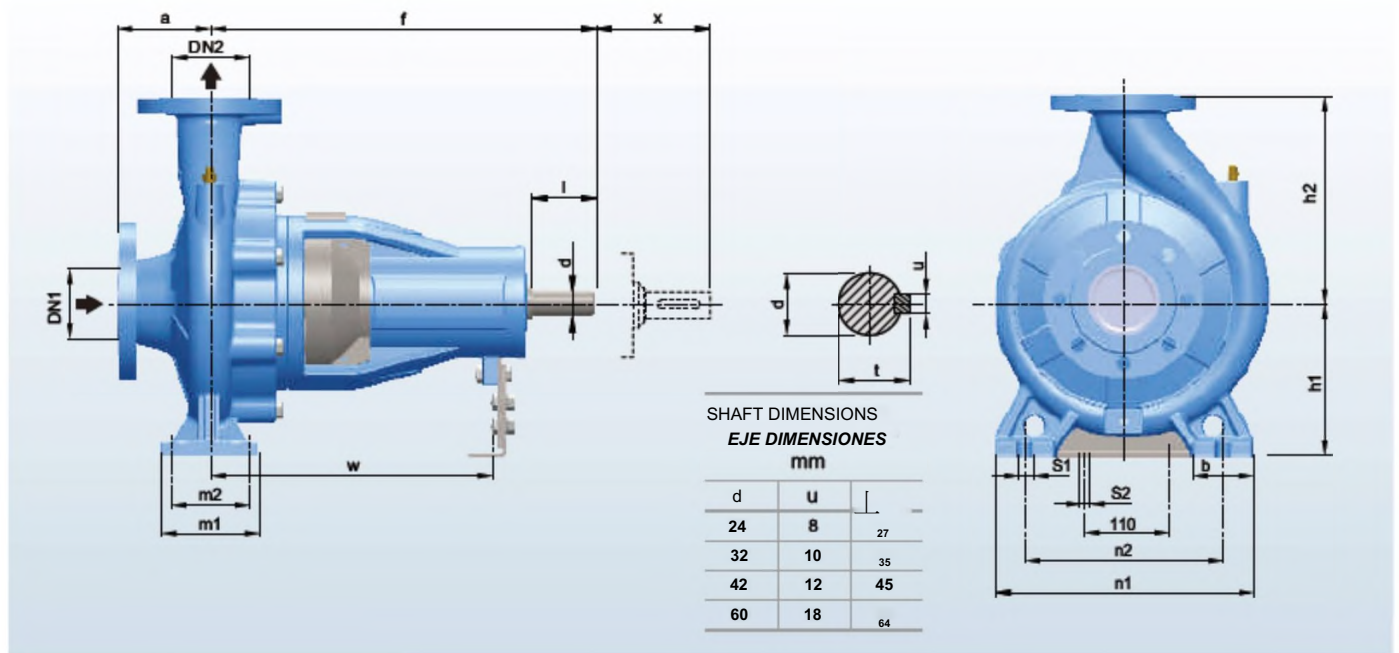
DN	D mm	K mm	HOLES ORIHOOS	
			N	0mm
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	22
100	220	180		
125	250	210		
150	285	240		
200	340	295	12	26
250	405	355		



PIPE RECOMMEND / TUBERIA RECOMENDADA

SERIES SERIE	SUCTION ASPIRAadN	DISCHARGE IMPULSION	PIPE RECOMMEND TUBERIA RECOMENDADA	
			SUCTION ASPRADN	DISCHARGE IMPULSION
32	50mm	32mm	2"-3-	2--2'1//
40	65mm	40mm	3'-4-	2W
50	65mm	50mm	4"	r
65	80 mm	65mm	5 ^B	4-
80	100 mm	80mm	6'	5 ^B
100	125 mm	100 mm	8 ^B	6-
125	150 mm	125mm	10.	8"
150	200mm	150mm	12-	10-
200	250mm	200mm	14"	12.
250	300mm	250mm	16-	14-

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL MODELO	DIMENSIONS / DIMENSIONES mm																		kg
	DN1	DN2	a	f	hi	h2	b	m1	m2	rd	n2	s1	s2	w	x	d	l		
32-160	50	32	80	3	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
32-200	50	32	80	3	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
32-250	50	40	80	3	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
40-160	65	40	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
40-200	65	40	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
40-250	65	40	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
50-125	65	50	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
50-160	65	50	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
50-200	80	50	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
50-250	80	50	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
65-125	65	65	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
65-160	65	65	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
65-200	65	65	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
65-250	65	65	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
80-125	100	80	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
80-160	100	80	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
80-200	100	80	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
80-250	100	80	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
80-315	125	100	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
80-400	125	100	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
100-160	125	100	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
100-200	125	100	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
100-250	125	100	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
100-315	125	100	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
100-400	125	100	100	0	60	32	55	5	5	70	24	0	0	4	14	24	50	113	
125-200	150	125	140	470	250	315	80	60	100	20	40	0	31	5	14	140	2	110	
125-250	150	125	140	470	250	315	80	60	100	20	40	0	31	5	14	140	2	110	
12M1S	150	125	140	530	280	355	100	60	100	20	40	0	31	5	14	140	2	110	
125-400	200	125	140	530	315	400	100	60	100	20	40	0	31	5	14	140	2	110	
150-200	200	150	160	470	280	400	100	60	100	20	40	0	31	5	14	140	2	110	
150-250	200	150	160	470	280	400	100	60	100	20	40	0	31	5	14	140	2	110	
15M15	200	150	160	530	280	400	100	60	100	20	40	0	31	5	14	140	2	110	
15-400	250	150	160	530	315	450	21	21	100	20	40	0	31	5	14	140	2	110	
200-250	300	200	180	530	355	475	21	21	100	20	40	0	31	5	14	140	2	110	
200-315	300	200	180	530	355	450	21	21	100	20	40	0	31	5	14	140	2	110	
200-400	300	200	180	770	400	500	21	21	100	20	40	0	31	5	14	140	2	110	
250-315	250	250	250	530	400	500	21	21	100	20	40	0	31	5	14	140	2	110	
250-400	250	250	250	770	400	560	21	21	100	20	40	0	31	5	14	140	2	110	



End Suction Pumps PS

PS series standard end suction centrifugal bare shaft pump head

TECHNICAL DESCRIPTION

- New pump design for fire fighting
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or brass
- Shaft in stainless steel AISI 304
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal
- Models for capacities from 80-5000 US GPM

Product Specification (50HZ)

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

PATENTS

Registered model PST

Registered Patent Design n° 201530478502.0

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900 1/min

MODEL / MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL																				DN
				gpm	0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925	
				l/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	mm	
32-160/15	1.5	2	Head	25.4	23.7	22.5	18.5	15.8																50x32
32-160/22	2.2	3	H(m)	31	29.6	28.5	24.5	22	15															50x32
32-160/30	3	4		35	34.3	34	28	25.5	19	15														50x32
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8														50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3														50x32
32-250/55	5.5	7.5		60	59.5	59	55	51	34.5															50x32
32-250/75	7.5	10		69.5	69	68.5	66	63	53															50x32
32-250/110	11	15		90	89.5	89	82	79	66															50x32
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5												65x40
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1											65x40
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30												65x40
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5											65x40
40-250/92	9.2	12.5		64				59	56.5	55	49.5	45	39.8											65x40
40-250/110	11	15		72				67.5	66	63.5	57.5	52.2	47											65x40
40-250/150	15	20		84.5				80	77.3	75.2	71	65	61											65x40
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5									65x50
50-125/30	3	4		20							18.8	18	17	15.6	11									65x50
50-125/40	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8								65x50
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8								65x50
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21							65x50
50-200/92	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7								65x50
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29							65x50
50-200/150	15	20		62							58	56.5	54.5	52	44.5	39	35.5							65x50
50-250/150	15	20		68.5							64	63	61.5	59	50	41								65x50
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47							65x50
50-250/220	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57							65x50
65-125/40	4	5.5		19										17.3	16.8	14.5	13	11.8						80x65
65-125/55	5.5	7.5		23										21.3	20.9	19	17.5	16.7	13.7					80x65
65-125/75	7.5	10		27										26	25.6	24.5	23	22.5	20	18				80x65
65-160/92	9.2	12.5		33											31.5	30	28	27.1	24	21.5				80x65

65-160/110	11	15	36											34.5	33	31.5	30.8	28	25.5						80x65
65-160/150	15	20	42											41	40	38.5	37.8	35	33	29.5					80x65
65-200/150	15	20	45											45.5	43	41	40.2	36.5	34						80x65
65-200/185	18.5	25	52											52.3	51	49	48.2	44.5	42						80x65
65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5					80x65
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50						80x65
65-250/300	30	40	80											79.8	77.5	75.5	74.5	70	66	58					80x65
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68					80x65
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83					80x65
65-315/450	45	60	112											109.2	107.7	105.8	104.5	102.5	100	93	66				80x65
65-315/550	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76				80x65
65-315/750	75	100	141											139.8	137.3	135.6	134.5	132.5	130	122	96	65.5			80x65
80-125/40	4	5.5	17											16.5	15.9	14.3	13.5	11.6	10	7.5					100x80
80-125/55	5.5	7.5	21											20.5	20	19	18	16.5	15	12.5	9.5				100x80
80-125/75	7.5	10	26											25	25	24.5	23.8	22.5	21.5	19.5	16.5				100x80

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900 1/min

MODEL / MODELO	Po / W / Potencia		US	Q=DELIVERY / CAUDAL																		D
	gpm	0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	4405			
l/min	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666				
	kw	hp	m³/h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	mi
80-160/110	11	15	Head	27	27	27.3	24.5	21.1	16													100x
80-160/150	15	20	H(m)	32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100x
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	25.3	23.5											100x
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5											100x
80-200/220	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5											100x
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x
80-250/370	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5											100x
80-250/450	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100x
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3											100x
80-315/450	45	60		85	84	82.6	82	78	68.3	61	56											100x
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100x
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100x
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100x
100-160/150	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	25.3	22									125x
100-200/220	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x
100-200/300	30	40		44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18							125x
100-200/370	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x
100-250/450	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5							125x
100-250/550	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59							125x
100-250/750	75	100		91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48						125x
100-315/550	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60						125x
100-315/750	75	100		100			99	97.4	95	94	93.5	93	91.3	88	86	80						125x
100-315/900	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98						125x
100-315/1100	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x
125-200/450	45	60		39.8			39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25					150x
125-200/550	55	75		49.8			49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35					150x
125-200/750	75	100		60.8			60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46					150x
125-250/550	55	75		70			67	65	64	63	62	61	59.5	57	56	53						150x
125-250/750	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5					150x
125-250/900	90	125		87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7					150x
125-250/1100	110	150		97			94	92	91	90	89	88	87	84.6	83.9	80.4	76					150x
125-315/900	90	125		89						87	86	85	83.7	81.5	81	77	74	61				150x
125-315/1100	110	150		103						101	100	99	97.8	95.5	95	91.5	88.2	75.6				150x
125-315/1320	132	180		118						116	115	114	112.5	110.5	110.3	106.5	103.2	91				150x
125-315/1600	160	220		138						136.8	135.9	135	133.7	131.5	131	127.5	124.2	112				150x
150-200/750	75	100		50								48	47.9	47.6	47.2	46.7	46.4	40.6	36.8	25.2		200x

150-200/900	90	125	56									54	53.9	53.6	53.2	52.7	52.4	48	42.8	31.2		200x'
150-200/1100	110	150	65.2									62	61.7	61.2	60.8	59.8	59.2	57.2	54	46		200x'
150-250/1100	110	150	67												64.2	62	60.6	55.8	49.8	33.8		200x'
150-250/1320	132	180	80.2												78.2	76.3	75	70.6	65	50.2	29.8	200x'
150-250/1600	160	220	90												88.4	87	86	82	77.2	62.4	42	200x'
150-315/1600	160	220	92												90	88.3	87.2	82.8	76.8	60.4		200x'
150-315/2000	200	270	111												110.6	108.7	107.4	103.4	98.2	83.4	62.2	200x'
150-315/2500	250	340	135												135.4	133.7	132.6	128.6	123.8	110.2	91	200x'

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=1450 1/min

MODEL/MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL																			DN
				gpm	0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881	1101	
				l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4166	
	kw	hp		m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	mm
65-160/11	1.1	1.5	Head	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4									80x65	
65-160/15	1.5	2	H(m)	9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6									80x65	
65-160/22	2.2	3		10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5								80x65	
65-200/15	1.5	2		10			9.6	9.1	8.5	8.2	7.6	6.4	4.6									80x65	
65-200/22	2.2	3		12.4			12.2	11.8	11.3	11	10.4	9.3	7.6									80x65	
65-200/30	3	4		14.4			14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5								80x65	
65-250/30	3	4		15.4			14.6	13.9	13.1	12.6	11.6	9.7	6.7									80x65	
65-250/40	4	5.5		19			18.3	17.8	17.2	16.9	16.1	14.4	11.7									80x65	
65-250/55	5.5	7.5		22.3			21.3	20.9	20.3	19.9	19.2	17.7	15.1	12								80x65	
65-315/40	4	5.5		18.6			17.9	17.3	16.7	16.2	15.2	13.3										80x65	
65-315/55	5.5	7.5		22.1				21.2	20.6	20.2	19.2	17.3	14									80x65	
65-315/75	7.5	10		26.5				25.6	25.2	24.9	24.3	23	20.8	17.6								80x65	
65-315/110	11	15		34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7					80x65	
80-160/15	1.5	2		7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80	
80-160/22	2.2	3		8.5						8.6	8.4	8	7.4	6.6	6.2	5.7	5					100x80	
80-200/30	3	4		11.2						11	10.7	10.1	9.2	8	7.3	6.6						100x80	
80-200/40	4	5.5		13.8						13.8	13.6	13.3	12.4	11.3	10.7	10	9					100x80	
80-250/40	4	5.5		16.5						16	15.6	14.8	13.2	11.4	10.2	9						100x80	
80-250/55	5.5	7.5		19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1					100x80	
80-250/75	7.5	10		23.6						23.5	23.2	22.5	21.3	19.9	19	18.1	16					100x80	
80-250/110	11	15		27.6						27.5	27.2	26.5	25.3	23.9	23	22.1	20	15				100x80	
80-315/55	5.5	7.5		19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80	
80-315/75	7.5	10		24.6						23.9	23.6	23	21.9	20.4	19.5	18.6	16.3					100x80	
80-315/110	11	15		29.9						29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5			100x80	
80-315/150	15	20		36.8						36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23			100x80	
80-400/185	18.5	25		40.3						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5			100x80	
80-400/220	22	30		45.1						44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7			100x80	
80-400/300	30	40		55.1						54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2			100x80	
100-160/22	2.2	3		5.9						5.8	5.7	5.5	5.3	5	4.9	4.6	4.3					125x100	
100-160/30	3	4		8.2						8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1				125x100	
100-160/40	4	5.5		10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3			125x100	
100-200/40	4	5.5		11.8						11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9			125x100	
100-200/55	5.5	7.5		14.8						14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3			125x100	
100-250/55	5.5	7.5		15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9			125x100	
100-250/75	7.5	10		19.5						19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7			125x100	
100-250/110	11	15		24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4		125x100	
100-250/150	15	20		27.8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9		125x100	
100-315/150	15	20		29.9						29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8			125x100	
100-315/185	18.5	25		35						34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4			125x100	
100-315/220	22	30		37						36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6			125x100	
100-315/300	30	40		42						41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6			125x100	
100-400/300	30	40		46.4							46	46	46	46	45	44	42	40	29.6			125x100	
100-400/370	37	50		51.8							51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3			125x100	
100-400/450	45	60		57.1								56.7	56.4	56.1	56	56	55	53	52	45	32.1	125x100	

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=1450 1/min

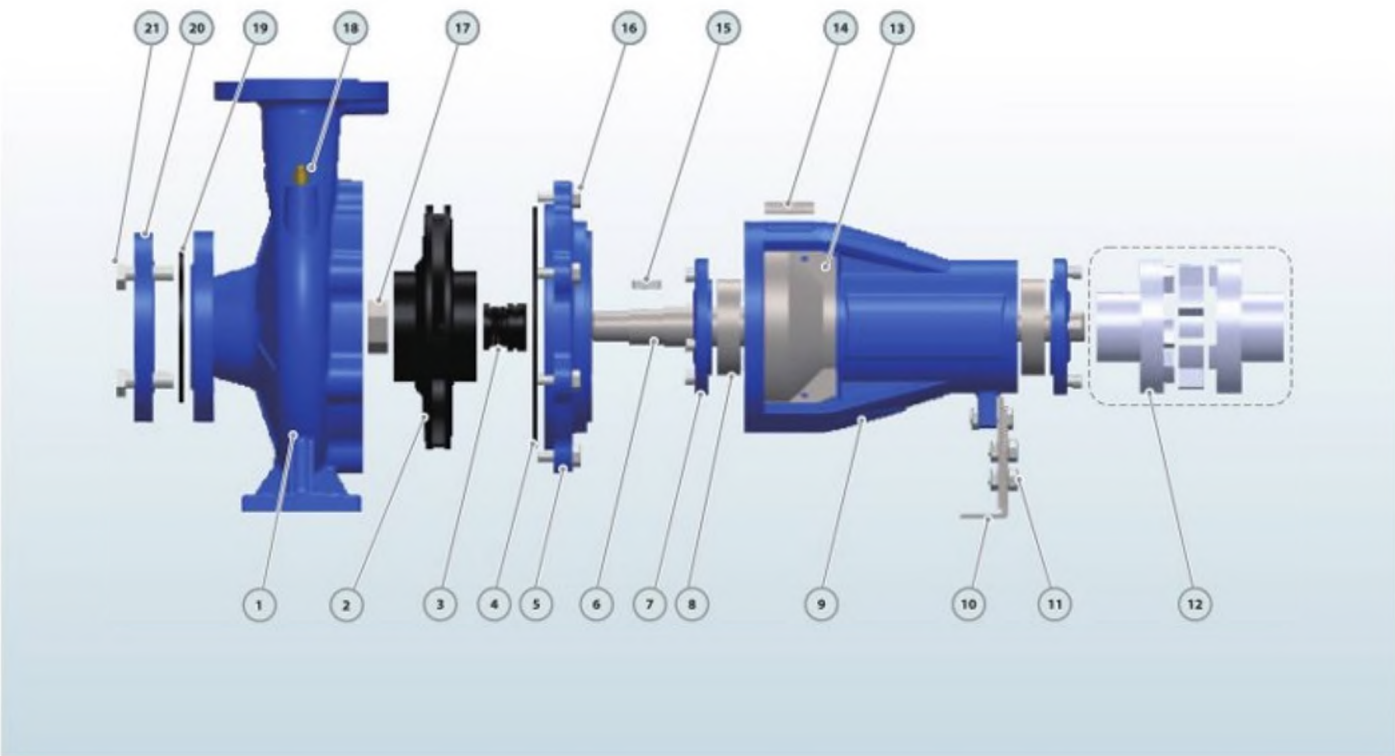
MODEL/ MODELO	Power/Potencia		US	Q=DELIVERY / C:AUDAL																		DN
				gpm	0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
				l/min	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000	
	kw	hp	m³/h	0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	mm	
125-200/55	5.5	7.5	Head H(m)	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9							150x125
125-200/75	7.5	10		14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6							150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8						150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1								150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	15.3	11.7						150x125
125-250/150	15	20		23.2					23.3	23.1	23	22.9	22	22	19.8	16.5	12.3					150x125
125-250/185	18.5	25		25.6					25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5					150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	23.3	19.7	14.9					150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4					150x125
125-315/300	30	40		35.6							35.4	35.3	34.8	34.6	32.9	30.1	26.1					150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8				150x125
125-400/220	22	30		33.4						32.8	32.5	32.1	30.5	29.7	24.7	17.3						150x125
125-400/300	30	40		41						41	40.5	40.3	39.2	38.6	34.4	27.5	18.3					150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5					150x125
125-400/450	45	60		51.4						51	50.9	50.8	50.1	49.8	47	42.2	34.8					150x125
125-400/550	55	75		56.5						56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7				150x125
150-200/110	11	15		14									13.5	13.4	13.3	13.1	12.9	11.7	7.8			200x150
150-200/150	15	20		16.3									15.5	15.3	15.2	14.8	14.3	13.5	11.1			200x150
150-200/185	18.5	25		18.3									17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5											16.8	15.9	14.7	13.2	9.2			200x150
150-250/185	18.5	25		21.3											20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24											23.6	23	22	20.8	17.1	12		200x150
150-250/300	30	40		25.5											25	24.5	23.5	22	18.8	13.8		200x150
150-315/300	30	40		30.2											29.7	29	27.9	26.4	22.3			200x150
150-315/370	37	50		33.6											33.5	32.7	31.7	30.4	26.7	21.4		200x150
150-315/450	45	60		37.7											37.6	36.9	35.9	34.7	31.3	26.5		200x150
150-315/550	55	75		40											40	39.3	38.4	37.2	33.9	29.4		200x150
150-315/750	75	100		45											45	44.3	43.4	42.2	38.9	34.4	27	200x150
150-400/550	55	75		48.2										47.7	48	46	45	42	36.8	29.2		200x150
150-400/750	75	100		55.4										55	55	54	53	51	47	41	32.2	200x150
150-400/900	90	125		59.5										59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150		65.5										65	65	64	63	62	58	52	43.7	200x150

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=1450 1/min

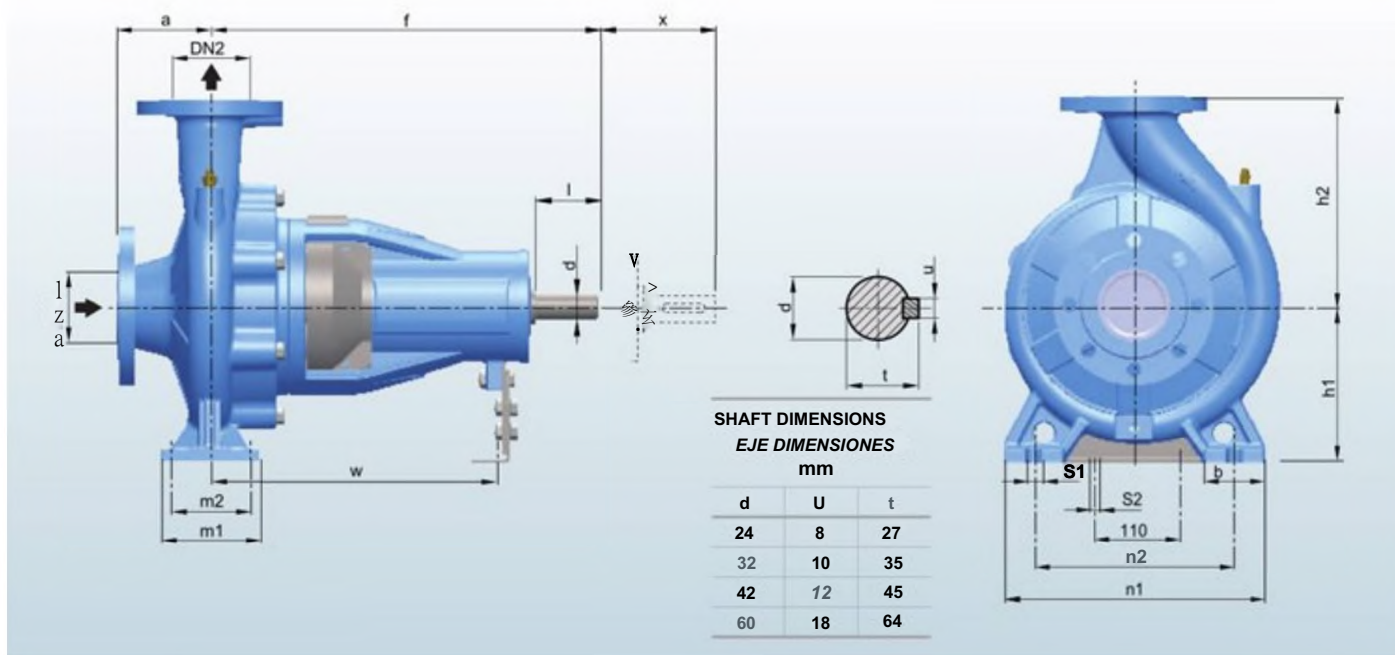
MODEL/ MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL														DN	
				gpm	0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075		5586
				l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200		21133
	kw	hp	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268		mm
200-250/185	18.5	25	Head	15.7	15.3	14.8	13.7	12.2	10.6	8.9	6.8								250x200
200-250/220	22	30	H(m)	18.5		17.2	16.2	14.8	13.1	11.1	8.7								250x200
200-250/300	30	40		23.1		21.5	20.5	19.4	17.9	16	13.6	10.8							250x200
200-315/550	55	75		31.1		30.2	29.8	29.1	27.9	25.8	23	19.2	14.8						250x200
200-315/750	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1						250x200
200-315/900	90	125		42.1		41.3	41	40.3	39	36.9	34.1	30.4	26.1						250x200
200-400/750	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5							250x200
200-400/900	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9						250x200
200-400/1100	110	150		52.4		52.2	51.9	51.2	50	48	45.1	41.2	36.2						250x200
200-400/1320	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6					250x200
250-315/550	55	75		26.1			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5				300x250
250-315/750	75	100		35.4			35.2	34.7	33.8	32.5	30.4	28	25	21.8	16.4				300x250
250-315/900	90	125		39.8			39.8	39.5	38.8	37.9	36	33.9	31	27.9	22.5				300x250
250-400/1100	110	150		45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9			300x250
250-400/1320	132	180		50.8			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5			300x250
250-400/1600	160	220		56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33		300x250

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon /SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL MODELO	DIMENSIONS / DIMENSIONES mm															kg
	DN1	DN2-a	f	hi	h2	b	ml	m2	n1	n2	s1	s2	w	x	d	
32-160	50	1	80	32	160	55	8	70	240	14	14	60	100	24	50	S
32-200	80	1	80	32	180	55	8	70	240	14	14	60	100	24	50	S
32-250	80	1	80	32	180	55	8	70	240	14	14	60	100	24	50	S
40-160	65	S	90	32	180	50	100	70	265	14	14	60	100	24	50	S
40-200	65	S	90	32	225	55	125	95	320	14	14	60	100	24	50	S
40-250	65	S	90	32	160	65	100	70	240	14	14	60	100	24	50	S
S0-12S	65	S	90	32	180	50	100	70	265	14	14	60	100	24	50	S
S0160	65	S	90	32	200	55	1	70	265	14	14	60	100	24	50	S
S0-200	80	S	90	32	225	50	125	95	320	14	14	60	100	24	50	S
S0-250	80	S	90	32	180	65	125	95	280	14	14	60	100	24	50	S
65125	80	S	90	32	200	65	160	95	320	14	14	60	100	24	50	S
65-160	80	S	90	32	200	65	160	95	320	14	14	60	100	24	50	S
65-200	100	S	90	32	225	50	3	105	320	14	14	60	100	24	50	S
6S2S0	100	S	90	32	225	50	160	95	45	14	14	60	100	24	50	S
6S-31S	100	S	90	32	280	65	160	95	45	14	14	60	100	24	50	S
80125	100	S	90	32	315	65	160	95	45	14	14	60	100	24	50	S
80-160	100	S	90	32	355	80	160	95	45	14	14	60	100	24	50	S
80-200	100	S	90	32	280	80	160	95	45	14	14	60	100	24	50	S
80-250	100	S	90	32	280	80	160	95	45	14	14	60	100	24	50	S
80-315	100	S	90	32	315	80	200	95	45	14	14	60	100	24	50	S
80-400	100	S	90	32	315	80	200	95	45	14	14	60	100	24	50	S
100-160	125	S	90	32	355	80	200	95	45	14	14	60	100	24	50	S
100-200	125	S	90	32	355	80	200	95	45	14	14	60	100	24	50	S
100-250	125	S	90	32	355	80	200	95	45	14	14	60	100	24	50	S
100-315	150	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
100-400	150	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
125200	150	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
12S-2S0	150	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
125315	150	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
125-400	200	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
150-200	200	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
150-250	250	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
150-315	250	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
150-400	200	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
200-250	300	S	90	32	400	100	200	95	45	14	14	60	100	24	50	S
200-315	3	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
200-400	100	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
250-315	100	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
250-400	100	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	100	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	125	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	125	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	125	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	150	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	150	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	150	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	200	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	200	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	200	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	250	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	250	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	1	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S
	1	1	90	32	400	100	200	95	45	14	14	60	100	24	50	S

Product Specification (60HZ)

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump

Original design by PURITY (patented)

Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating

Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

PATENTS

Registered model PST

Registered Patent Design n° 201530478502.0

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900 1/min

MODEL / MODELO	Power/Potenc/a		US	Q=DELIVERY / CAUDAL																				DN
				gpm	0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925	
					l/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	mm	
32-160/15	1.5	2	Head	25.4	23.7	22.5	18.5	15.8																50x32
32-160/22	2.2	3	H(m)	31	29.6	28.5	24.5	22	15															50x32
32-160/30	3	4		35	34.3	34	28	25.5	19	15														50x32
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8														50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3														50x32
32-250/55	5.5	7.5		60	59.5	59	55	51	34.5															50x32
32-250/75	7.5	10		69.5	69	68.5	66	63	53															50x32
32-250/110	11	15		90	89.5	89	82	79	66															50x32
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5												65x40
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1											65x40
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30												65x40
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5											65x40
40-250/92	9.2	12.5		64				59	56.5	55	49.5	45	39.8											65x40
40-250/110	11	15		72				67.5	66	63.5	57.5	52.2	47											65x40
40-250/150	15	20		84.5				80	77.3	75.2	71	65	61											65x40
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5									65x50
50-125/30	3	4		20							18.8	18	17	15.6	11									65x50
50-125/40	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8								65x50
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8								65x50
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21							65x50
50-200/92	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7								65x50
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29							65x50
50-200/150	15	20		62							58	56.5	54.5	52	44.5	39	35.5							65x50
50-250/150	15	20		68.5							64	63	61.5	59	50	41								65x50
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47							65x50
50-250/220	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57							65x50
65-125/40	4	5.5		19										17.3	16.8	14.5	13	11.8						80x65
65-125/55	5.5	7.5		23										21.3	20.9	19	17.5	16.7	13.7					80x65
65-125/75	7.5	10		27										26	25.6	24.5	23	22.5	20	18				80x65
65-160/92	9.2	12.5		33											31.5	30	28	27.1	24	21.5				80x65

65-160/110	11	15	36											34.5	33	31.5	30.8	28	25.5							80x65
65-160/150	15	20	42											41	40	38.5	37.8	35	33	29.5						80x65
65-200/150	15	20	45											45.5	43	41	40.2	36.5	34							80x65
65-200/185	18.5	25	52											52.3	51	49	48.2	44.5	42							80x65
65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5						80x65
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50							80x65
65-250/300	30	40	80											79.8	77.5	75.5	74.5	70	66	58						80x65
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68						80x65
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83						80x65
65-315/450	45	60	112											109.2	107.7	105.8	104.5	102.5	100	93	66					80x65
65-315/550	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76					80x65
65-315/750	75	100	141											139.8	137.3	135.6	134.5	132.5	130	122	96	65.5				80x65
80-125/40	4	5.5	17										16.5	15.9	14.3	13.5	11.6	10	7.5							100x80
80-125/55	5.5	7.5	21										20.5	20	19	18	16.5	15	12.5	9.5						100x80
80-125/75	7.5	10	26										25	25	24.5	23.8	22.5	21.5	19.5	16.5						100x80

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900 1/min

MODEU MODELO	PoNerIPotencia		US	Q=DELIVERY / CAUDAL																	DN		
				gpm	0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643		3524	4405
				l/min	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000		13333	16666
	kw	hp	m³/h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800		1000	mm
80-160/110	11	15	Head	27	27	27.3	24.5	21.1	16													100x80	
80-160/150	15	20	H(m)	32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100x80	
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	25.3	23.5											100x80	
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5											100x80	
80-200/220	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5											100x80	
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80	
80-250/370	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5											100x80	
80-250/450	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100x80	
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3											100x80	
80-315/450	45	60		85	84	82.6	82	78	68.3	61	56											100x80	
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100x80	
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100x80	
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100x80	
100-160/150	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x100	
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x100	
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	25.3	22									125x100	
100-200/220	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x100	
100-200/300	30	40		44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18							125x100	
100-200/370	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x100	
100-250/450	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5							125x100	
100-250/550	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59							125x100	
100-250/750	75	100		91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48						125x100	
100-315/550	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60						125x100	
100-315/750	75	100		100			99	97.4	95	94	93.5	93	91.3	88	86	80						125x100	
100-315/900	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98						125x100	
100-315/1100	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x100	
125-200/450	45	60		39.8			39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25					150x125	
125-200/550	55	75		49.8			49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35					150x125	
125-200/750	75	100		60.8			60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46					150x125	
125-250/550	55	75		70			67	65	64	63	62	61	59.5	57	56	53						150x125	
125-250/750	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5					150x125	
125-250/900	90	125		87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7					150x125	
125-250/1100	110	150		97			94	92	91	90	89	88	87	84.6	83.9	80.4	76					150x125	
125-315/900	90	125		89						87	86	85	83.7	81.5	81	77	74	61				150x125	
125-315/1100	110	150		103						101	100	99	97.8	95.5	95	91.5	88.2	75.6				150x125	
125-315/1320	132	180		118						116	115	114	112.5	110.5	110.3	106.5	103.2	91				150x125	
125-315/1600	160	220		138						136.8	135.9	135	133.7	131.5	131	127.5	124.2	112				150x125	
150-200/750	75	100		50								48	47.9	47.6	47.2	46.7	46.4	40.6	36.8	25.2		200x150	

150-200/900	90	125	56							54	53.9	53.6	53.2	52.7	52.4	48	42.8	31.2		200x150
150-200/1100	110	150	65.2							62	61.7	61.2	60.8	59.8	59.2	57.2	54	46		200x150
150-250/1100	110	150	67										64.2	62	60.6	55.8	49.8	33.8		200x150
150-250/1320	132	180	80.2										78.2	76.3	75	70.6	65	50.2	29.8	200x150
150-250/1600	160	220	90										88.4	87	86	82	77.2	62.4	42	200x150
150-315/1600	160	220	92										90	88.3	87.2	82.8	76.8	60.4		200x150
150-315/2000	200	270	111										110.6	108.7	107.4	103.4	98.2	83.4	62.2	200x150
150-315/2500	250	340	135										135.4	133.7	132.6	128.6	123.8	110.2	91	200x150

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=1450 1/min

MODEL/MODELO	Power / Potencia		US	Q=DELIVERY / CAUDAL																			DN
				gpm	0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881	1101	
					l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	
	kw	hp	m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	mm	
65-160/11	1.1	1.5	Head	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4									80x65	
65-160/15	1.5	2	H(m)	9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6									80x65	
65-160/22	2.2	3		10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5								80x65	
65-200/15	1.5	2		10			9.6	9.1	8.5	8.2	7.6	6.4	4.6									80x65	
65-200/22	2.2	3		12.4			12.2	11.8	11.3	11	10.4	9.3	7.6									80x65	
65-200/30	3	4		14.4			14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5								80x65	
65-250/30	3	4		15.4			14.6	13.9	13.1	12.6	11.6	9.7	6.7									80x65	
65-250/40	4	5.5		19			18.3	17.8	17.2	16.9	16.1	14.4	11.7									80x65	
65-250/55	5.5	7.5		22.3			21.3	20.9	20.3	19.9	19.2	17.7	15.1	12								80x65	
65-315/40	4	5.5		18.6			17.9	17.3	16.7	16.2	15.2	13.3										80x65	
65-315/55	5.5	7.5		22.1				21.2	20.6	20.2	19.2	17.3	14									80x65	
65-315/75	7.5	10		26.5				25.6	25.2	24.9	24.3	23	20.8	17.6								80x65	
65-315/110	11	15		34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7					80x65	
80-160/15	1.5	2		7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80	
80-160/22	2.2	3		8.5						8.6	8.4	8	7.4	6.6	6.2	5.7	5					100x80	
80-200/30	3	4		11.2						11	10.7	10.1	9.2	8	7.3	6.6						100x80	
80-200/40	4	5.5		13.8						13.8	13.6	13.3	12.4	11.3	10.7	10	9					100x80	
80-250/40	4	5.5		16.5						16	15.6	14.8	13.2	11.4	10.2	9						100x80	
80-250/55	5.5	7.5		19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1					100x80	
80-250/75	7.5	10		23.6						23.5	23.2	22.5	21.3	19.9	19	18.1	16					100x80	
80-250/110	11	15		27.6						27.5	27.2	26.5	25.3	23.9	23	22.1	20	15				100x80	
80-315/55	5.5	7.5		19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80	
80-315/75	7.5	10		24.6						23.9	23.6	23	21.9	20.4	19.5	18.6	16.3					100x80	
80-315/110	11	15		29.9						29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5			100x80	
80-315/150	15	20		36.8						36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23			100x80	
80-400/185	18.5	25		40.3						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5			100x80	
80-400/220	22	30		45.1						44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7			100x80	
80-400/300	30	40		55.1						54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2			100x80	
100-160/22	2.2	3		5.9						5.8	5.7	5.5	5.3	5	4.9	4.6	4.3					125x100	
100-160/30	3	4		8.2						8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1				125x100	
100-160/40	4	5.5		10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3			125x100	
100-200/40	4	5.5		11.8						11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9			125x100	
100-200/55	5.5	7.5		14.8						14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3			125x100	
100-250/55	5.5	7.5		15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9			125x100	
100-250/75	7.5	10		19.5						19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7			125x100	
100-250/110	11	15		24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4		125x100	
100-250/150	15	20		27.8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9		125x100	
100-315/150	15	20		29.9						29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8			125x100	
100-315/185	18.5	25		35						34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4			125x100	
100-315/220	22	30		37						36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6			125x100	
100-315/300	30	40		42						41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6			125x100	
100-400/300	30	40		46.4							46	46	46	46	45	44	42	40	29.6			125x100	
100-400/370	37	50		51.8							51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3			125x100	
100-400/450	45	60		57.1							56.7	56.4	56.1	56	56	55	53	52	45	32.1		125x100	

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=1450 1/min

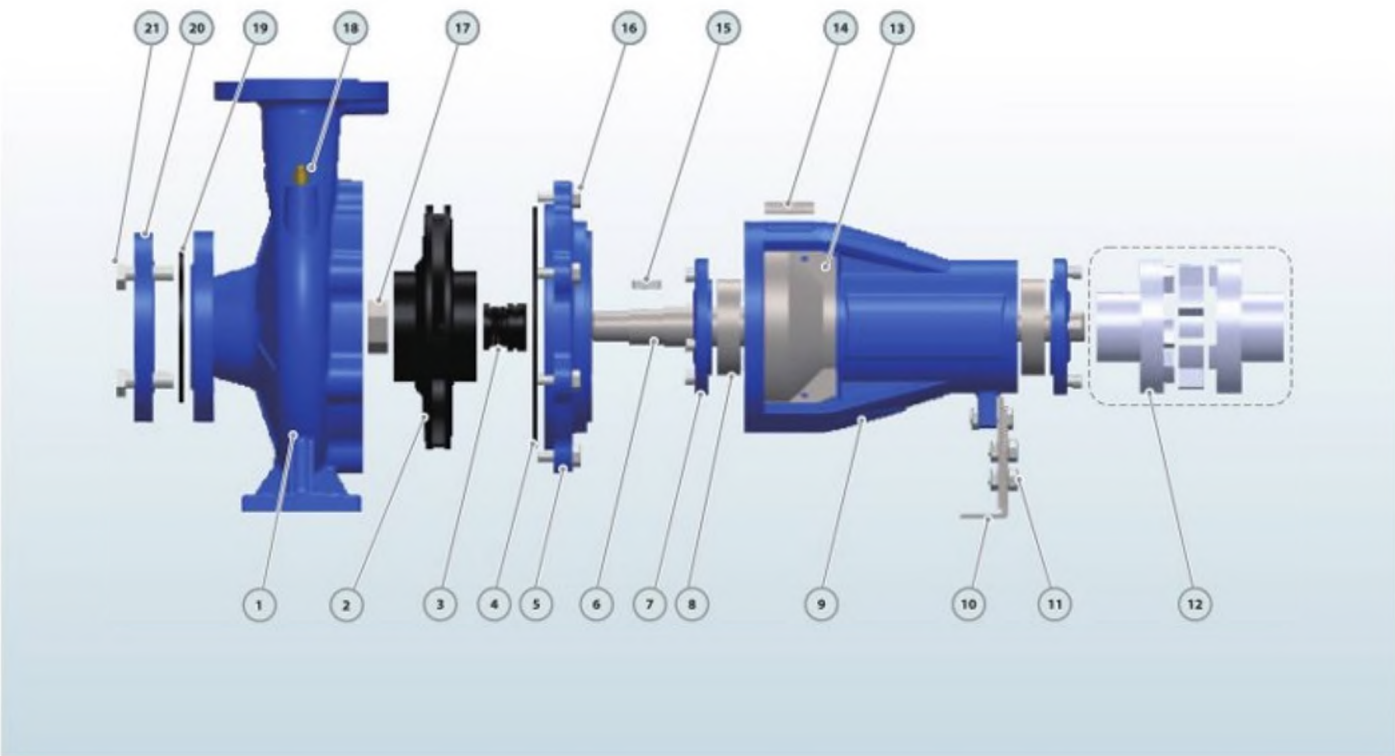
MODEL/ MODELO	Power/Potencia		US	Q=DELIVERY / C:AUDAL																	DN	
				gpm	0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203		2643
				l/min	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333		10000
	kw	hp	m³/h	0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	mm	
125-200/55	5.5	7.5	Head	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9							150x125
125-200/75	7.5	10	H(m)	14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6							150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8						150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1								150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	15.3	11.7						150x125
125-250/150	15	20		23.2					23.3	23.1	23	22.9	22	22	19.8	16.5	12.3					150x125
125-250/185	18.5	25		25.6					25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5					150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	23.3	19.7	14.9					150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4					150x125
125-315/300	30	40		35.6							35.4	35.3	34.8	34.6	32.9	30.1	26.1					150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8				150x125
125-400/220	22	30		33.4						32.8	32.5	32.1	30.5	29.7	24.7	17.3						150x125
125-400/300	30	40		41						41	40.5	40.3	39.2	38.6	34.4	27.5	18.3					150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5					150x125
125-400/450	45	60		51.4						51	50.9	50.8	50.1	49.8	47	42.2	34.8					150x125
125-400/550	55	75		56.5						56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7				150x125
150-200/110	11	15		14									13.5	13.4	13.3	13.1	12.9	11.7	7.8			200x150
150-200/150	15	20		16.3									15.5	15.3	15.2	14.8	14.3	13.5	11.1			200x150
150-200/185	18.5	25		18.3									17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5											16.8	15.9	14.7	13.2	9.2			200x150
150-250/185	18.5	25		21.3											20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24											23.6	23	22	20.8	17.1	12		200x150
150-250/300	30	40		25.5											25	24.5	23.5	22	18.8	13.8		200x150
150-315/300	30	40		30.2											29.7	29	27.9	26.4	22.3			200x150
150-315/370	37	50		33.6											33.5	32.7	31.7	30.4	26.7	21.4		200x150
150-315/450	45	60		37.7											37.6	36.9	35.9	34.7	31.3	26.5		200x150
150-315/550	55	75		40											40	39.3	38.4	37.2	33.9	29.4		200x150
150-315/750	75	100		45											45	44.3	43.4	42.2	38.9	34.4	27	200x150
150-400/550	55	75		48.2										47.7	48	46	45	42	36.8	29.2		200x150
150-400/750	75	100		55.4										55	55	54	53	51	47	41	32.2	200x150
150-400/900	90	125		59.5										59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150		65.5										65	65	64	63	62	58	52	43.7	200x150

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=1450 1/min

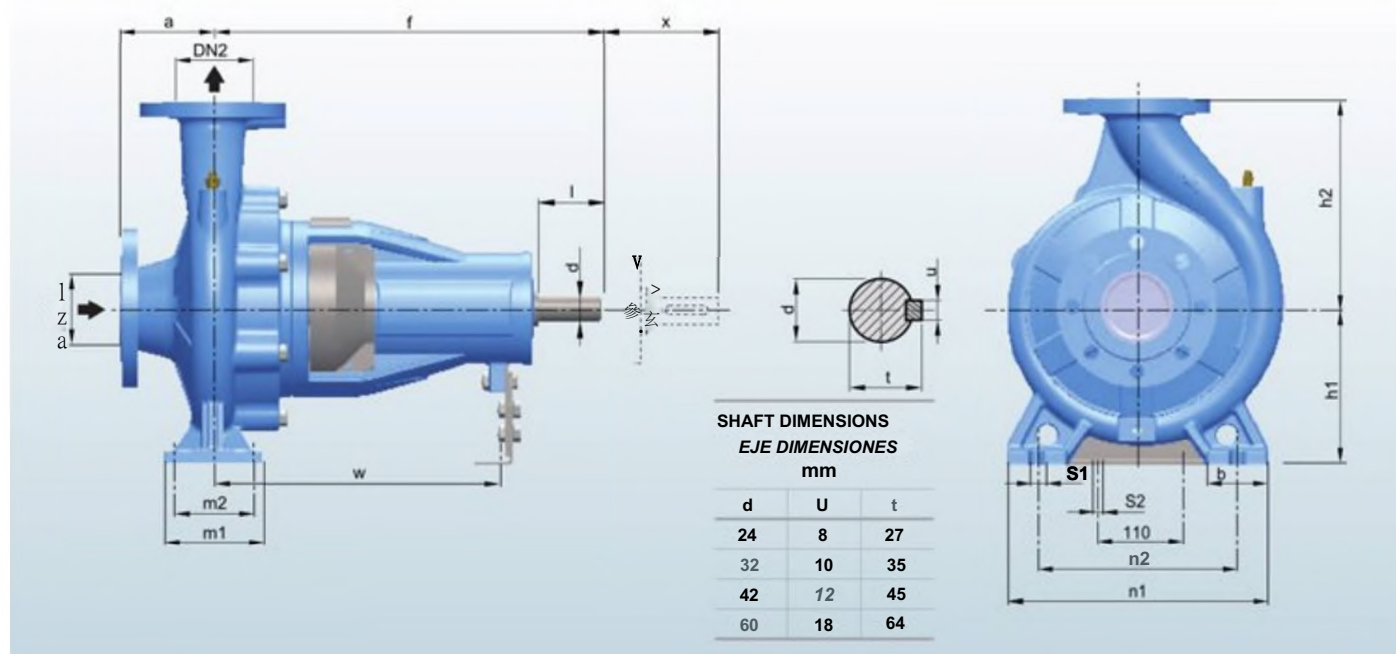
MODEL/ MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL														DN	
				gpm	0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075		5586
				l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200		21133
	kw	hp	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268		mm
200-250/185	18.5	25	Head	15.7	15.3	14.8	13.7	12.2	10.6	8.9	6.8								250x200
200-250/220	22	30	H(m)	18.5		17.2	16.2	14.8	13.1	11.1	8.7								250x200
200-250/300	30	40		23.1		21.5	20.5	19.4	17.9	16	13.6	10.8							250x200
200-315/550	55	75		31.1		30.2	29.8	29.1	27.9	25.8	23	19.2	14.8						250x200
200-315/750	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1						250x200
200-315/900	90	125		42.1		41.3	41	40.3	39	36.9	34.1	30.4	26.1						250x200
200-400/750	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5							250x200
200-400/900	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9						250x200
200-400/1100	110	150		52.4		52.2	51.9	51.2	50	48	45.1	41.2	36.2						250x200
200-400/1320	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6					250x200
250-315/550	55	75		26.1			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5				300x250
250-315/750	75	100		35.4			35.2	34.7	33.8	32.5	30.4	28	25	21.8	16.4				300x250
250-315/900	90	125		39.8			39.8	39.5	38.8	37.9	36	33.9	31	27.9	22.5				300x250
250-400/1100	110	150	45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9			300x250	
250-400/1320	132	180	50.8			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5			300x250	
250-400/1600	160	220	56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33		300x250	

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon /SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL MODELO	DIMENSIONS / DIMENSIONES mm																	kg
	DN1	DN2-a	f	hi	h2	b	ml	m2	n1	n2	s1	s2	w	x	d	l		
32-160	50	1	80	60	32	160	55	8	7 0	2 40	1	4	14	60	100	24	50	S
32-200	80	^	80	60	60	180	55	8	7 0	2 40	1	4	14	60	100	24	50	S
32-250	80		80	60	60	160	55	8	7 0	2 40	1	4	14	60	100	24	50	S
40-160	65	S	80	60	32	180	50	100	7 0	2 65	2	4	14	60	100	24	50	S
40-200	65	S	80	60	32	225	55	125	9 5	3 20	2	4	14	60	100	24	50	S
40-250	65	S	80	60	32	160	65	100	7 0	2 40	1	4	14	60	100	24	50	S
S0-12S	65	?	80	60	32	180	50	1	7 0	2 65	2	4	14	60	100	24	50	S
S0160	68		80	60	32	225	50	1	9 5	3 20	2	4	14	60	100	24	50	S
50-200	88	S	80	60	32	180	65	12s	9 5	2 80	2	4	14	60	100	24	50	S
50-250	80	S	80	60	32	200	65	12s	9 5	2 80	2	4	14	60	100	24	50	S
65125	88	S	80	60	32	225	65	160	9 5	3 20	2	4	14	60	100	24	50	S
65-160	88	S	35	70	35	280	125	125	12 ^	3 60	2	4	14	60	100	32	80	S
65-200	100	S	35	70	35	225	s	3	18 5	3 20	2	4	14	60	100	24	50	S
6S250	100	S	80	60	32	225	65	160	9 5	4 5	2	4	14	60	100	24	50	S
6S-31S	100	S	80	60	32	280	65	160	多	4 5	2	4	14	60	100	24	50	S
80125	100	S	25	70	30	315	65	160	4 00	3	4	14	60	100	24	50	S	
80.160	100	S	25	70	30	355	89	160	4 00	3	4	14	60	100	24	50	S	
80-200		S	25	70	30	280	89	160	4 60	2	4	14	60	100	24	50	S	
80-250		S	25	70	30	280	80	200	1	00	3	4	14	60	100	24	50	S
80-315		S	40	70	30	315	80	200	20	41 00	31	19	14	60	100	24	50	S
80-400		S	40	70	30	355	89	200	20	45 00	41	13	14	60	100	24	50	S
100-160	125	S	40	70	30	315	80	200	20	00	31	19	14	60	100	24	50	S
100-200	125	S	40	70	30	355	80	200	20	41 00	31	19	14	60	100	24	50	S
100-250	125	S	40	70	30	355	80	200	20	46 00	41	13	14	60	100	24	50	S
100-315	150	S	60	70	30	400	100	200	20	5 00	41	13	14	60	100	24	50	S
100-400	150	S	60	70	30	450	100	200	20	5 50	41	13	14	60	100	24	50	S
125200	150	S	60	70	30	400	100	200	20	5 50	41	13	14	60	100	24	50	S
12S-2S0	150	S	60	70	30	450	100	200	20	5 50	41	13	14	60	100	24	50	S
125315	150	S	60	70	30	450	100	200	20	5 50	41	13	14	60	100	24	50	S
125-400	200	S	80	70	35	00	100	no	7 10	01 ^	2 8	14	70	140	42	110	166	S
150-200	200	S	50	30	4	60	110	no	7 10		2 8	14	25	140	42	110	180	S
150-250	250	S	50	30	70	00	5	no			2 8	14	25	140	4	140	186	S
150-315	250	S	1			5		no		5	2	3	140	6	10	230	228	S
150-400	200	S	1			5				5	2	3	140	4	10	116	178	S
200-250	300	S	1			5				5	2	3	200	4	10	112	112	S
200-315	3		1							5	2	3	200	6	10	182	200	S
200-400	100		1							5	2	3	200	6	10	166	180	S
250-315	100		1							5	2	3	250	4	10	186	228	S
250-400	100		1							5	2	3	250	4	10	230	228	S
	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
	100		1								2	3	200	6	10	186	228	S
	100		1								2	3	200	6	10	230	228	S
	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
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	100		1								2	3	200	6	10	166	180	S
	100		1								2	3	200	6	10	186	228	S
	100		1								2	3	200	6	10	230	228	S
	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
	100		1								2	3	200	6	10	186	228	S
	100		1								2	3	200	6	10	230	228	S
	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
	100		1								2	3	200	6	10	186	228	S
	100		1								2	3	200	6	10	230	228	S
	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
	100		1								2	3	200	6	10	186	228	S
	100		1								2	3	200	6	10	230	228	S
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	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
	100		1								2	3	200	6	10	186	228	S
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	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
	100		1								2	3	200	6	10	186	228	S
	100		1								2	3	200	6	10	230	228	S
	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
	100		1								2	3	200	6	10	186	228	S
	100		1								2	3	200	6	10	230	228	S
	100		1								2	3	200	6	10	116	178	S
	100		1								2	3	200	6	10	112	112	S
	100		1								2	3	200	6	10	182	200	S
	100		1								2	3	200	6	10	166	180	S
	10																	



End Suction Pumps PS-F

PS-F

TECHNICAL DESCRIPTION

-New pump design for fire fighting

- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F

-Pump case with anti-corrosive coating

- Impeller in stainless steel AISI 304 or brass
- Shaft in stainless steel AISI 304
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

-Models for capacities from 80-5000 US GPM

PST

EN733 standard centrifugal pump

Bomba centrifuga normalizada EN733



NEW/NUEVO

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

PATENTS

- Registered model PST
- Registered Patent Design n 201530478502.0

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE <i>DE</i> <i>DESCARGA</i>	IMPELLER SIZE <i>DEL IMPULSOR</i>						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	SS304	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron

MODEL MODELO	Power		us gpm l/min m³/h	Q= DELIVERY/ CAUDAL																				DN
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925		
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500		
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210		
32-125/07	0.75	1		17.5	16.7	15	12	9															50x32	
32-125/11	1.1	1.5		22	21	197	16.5	14.5	9														50x32	
32-160/15	1.5	2		25.4	23.7	22.5	18.5	15.8															50x32	
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15														50x32	
32-160/30	3	4		35	343	34	28	25.5	19	15													50x32	
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8													50x32	
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32	
32-250/55	5.5	7.5		60	59.5	59	55	51	34.5														50x32	
32-250/75	7.5	10		69.5	69	68.5	66	63	53														50x32	
32-250/110	11	15		90	89.5	89	82	79	66														50x32	
32-250/55D	5.5	7.5		79.5	74.7	71.8	63	56	37.5														50x32	
32-250/75D	75	10		95	93	91	83	76	57.8														50x32	
40-125/11	1.1	1.5		14.7				13.5	11.5	10.1	5.8												65x40	
40-125/15	15	2		18.1				17	15	13.9	9.6	6											65x40	
40-125/22	2.2	3		24.5				23.2	21.5	20.2	16	13	83										65x40	
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5											65x40	
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1										65x40	
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30											65x40	
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5										65x40	
40-250/92	9.2	12.5		64				59	565	55	49.5	45	39.8										65x40	
40-250/110	11	15		72				67.5	66	615	57.5	52.2	47										65x40	
40-250/150	15	20		84.5				80	773	75.2	71	65	61										65x40	
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5								65x50	
50-125/30	3	4		20							18.8	18	17	15.6	11								65x50	
50-125/40	4	5.5		24							23.1	23	21.5	203	15.8	11.8							65x50	
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50	
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21						65x50	
50-200/92	92	12.5		50.5							46.8	45	43	40.9	32.5	267							65x50	
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50	
50-200/150	15	20		62							58	56.5	54.5	52	44.5	39	35.5						65x50	
50-250/150	15	20		68.5							64	63	61.5	59	50	41							65x50	
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47						65x50	
50-250/220	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57						65x50	
65-125/40	4	5.5		19									17.3	16.8	14.5	13	11.8						80x65	
65-125/55	5.5	7.5		23									213	20.9	19	17.5	16.7	13.7					80x65	
65-125/75	7.5	10		27									26	25.6	24.5	23	22.5	20	18				80x65	
65-160/92	9.2	12.5		33										31.5	30	28	27.1	24	21.5				80x65	
65-160/110	11	15		36										34.5	33	31.5	30.8	28	25.5				80x65	
65-160/150	15	20		42										41	40	38.5	37.8	35	33	29.5			80x65	
65-200/150	15	20		45										45.5	43	41	40.2	36.5	34				80x65	
65-200/185	18.5	25		52										52.3	51	49	48.2	44.5	42				80x65	

65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5				80x65
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50					80x65
65-250/300	30	40	80											77.5	75.5	74.5	70	66	58					80x65
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68				80x65
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83				80x65
65-315/450	45	60	112											109.2	107.7	105.8	104.5	102.5	100	93	66			80x65
65-315/550	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76			80x65
65-315/750	75	100	141											139.8	137.3	135.6	134.5	132.5	130	122	96	65.5		80x65
80-125/40	4	5.5	17											16.5	15.9	14.3	13.5	11.6	10	7.5				100x80
80-125/55	5.5	7.5	21											20.5	20	19	18	16.5	15	12.5	9.5			100x80
80-125/75	7.5	10	26											25	25	24.5	23.8	22.5	21.5	19.5	16.5			100x80

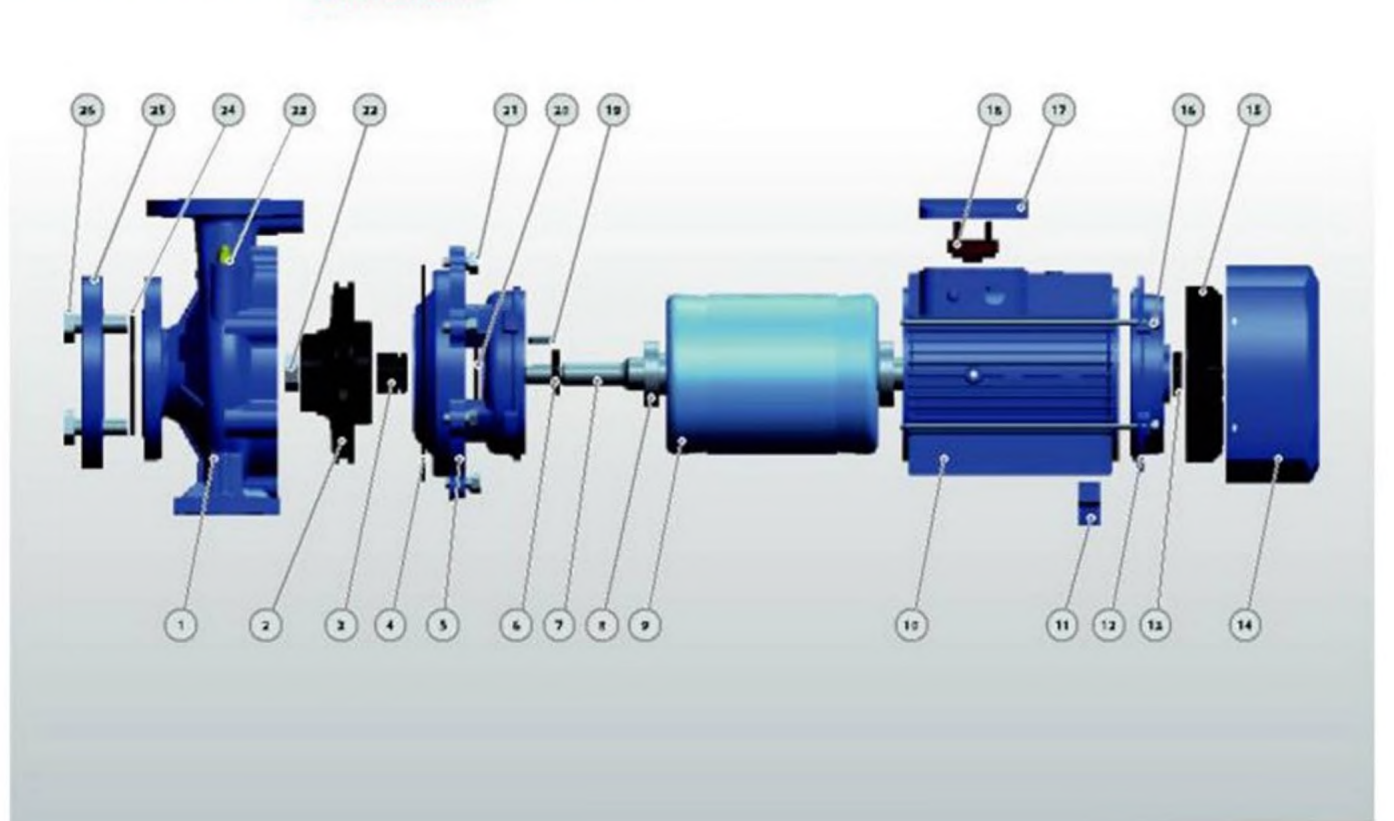
TECHICAL DATA/DATOS TECNICOS

50 HZ n=2900 l/min

MODEL MODELO	Power		us gpm l/min m³/h	Q=DELIVERY/ 01/041																		DN
	Potencia			0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	4405	
				0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666	
				0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	
80-160/110	11	15		27	27	27.3	24.5	21.1	16													100x80
80-160/150	15	20		32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100x80
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	25.3	23.5											100x80
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5											100x80
80-200/220	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5											100x80
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80
80-250/370	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5											100x80
80-250/450	45	60		38	86.7	86	83.6	78.5	70.5	60	51											100x80
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3											100x80
80-315/450	45	60		85	84	82.6	82	78	68.3	61	56											100x80
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100x80
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100x80
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100x80
100-160/150	18.5	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x100
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x100
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	25.3	22									125x100
100-200/220	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x100
100-200/300	30	40		44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18							125x100
100-200/370	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x100
100-250/450	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5							125x100
100-250/550	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59							125x100
100-250/750	75	100		91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48						125x100
100-315/550	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60						125x100
100-315/750	75	100		100			99	97.4	95	94	93.5	93	91.3	88	86	80						125x100
100-315/900	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98						125x100
100-315/1100	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x100

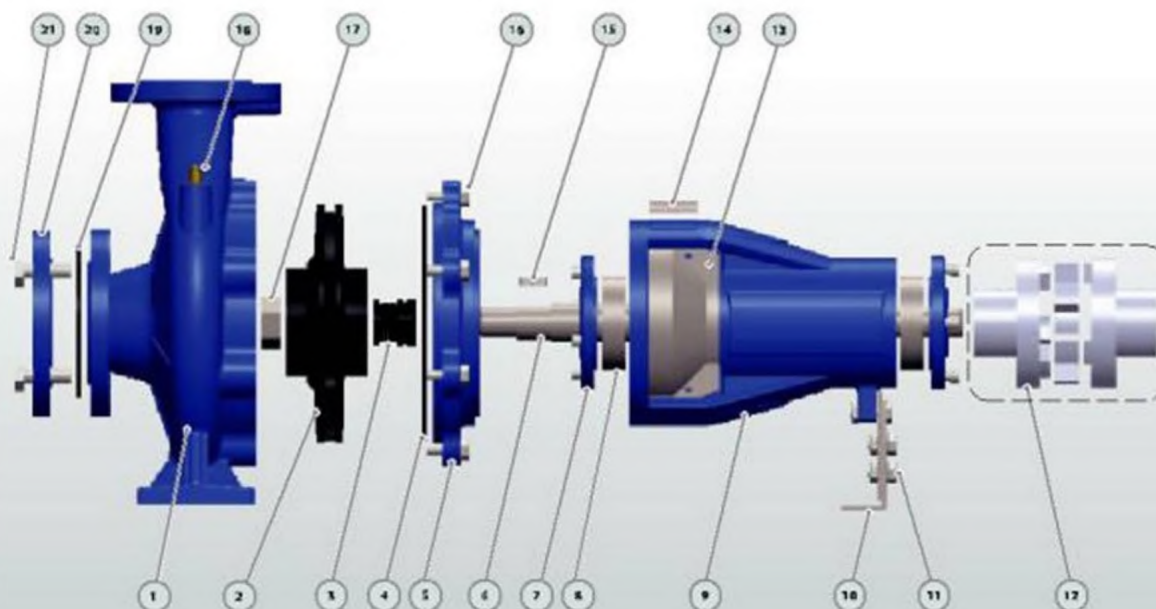
125-200/450	45	60	H(m)	39.8			39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25					150x125
125-200/550	55	75		49.8			49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35					150x125
125-200/750	75	100		60.8			60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46					150x125
125-250/550	55	75		70			67	65	64	63	62	61	59.5	57	56	53						150x125
125-250/750	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5					150x125
125-250/900	90	125		87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7					150x125
125-250/1100	110	150		97			94	92	91	90	89	88	87	84.6	83.9	80.4	76					150x125
125-315/900	90	125		89						87	86	85	83.7	81.5	81	77	74	61				150x125
125-315/1100	110	150		103						101	100	99	97.8	95.5	95	91.5	88.2	75.6				150x125
125-315/1320	132	180		118						116	115	114	112.5	110.5	110.3	106.5	103.2	91				150x125
125-315/1600	160	220		138						136.8	135.9	135	133.7	131.5	131	127.5	124.2	112				150x125
150-200/750	75	100		50								48	47.9	47.6	47.2	46.7	46.4	40.6	36.8	25.2		200x150
150-200/900	90	125		56								54	53.9	53.6	53.2	52.7	52.4	48	42.8	31.2		200x150
150-200/1100	110	150		65.2								62	61.7	61.2	60.8	59.8	59.2	57.2	54	46		200x150
150-250/1100	110	150		67											64.2	62	60.6	55.8	49.8	33.8		200x150
150-250/1320	132	180		80.2											78.2	76.3	75	70.6	65	50.2	29.8	200x150
150-250/1600	160	220		90											88.4	87	86	82	77.2	62.4	42	200x150
150-315/1600	160	220		92											90	88.3	87.2	82.8	76.8	60.4		200x150
150-315/2000	200	270		111											110.6	108.7	107.4	103.4	98.2	83.4	62.2	200x150
150-315/2500	250	340		135											135.4	133.7	132.6	128.6	123.8	110.2	91	200x150

MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45U Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Bida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bota Rodamiento	17	Terminal Box Caja de Bombas	Aluminum Aluminio	26	Flange Bolt Perno de Bida	Steel Acero
9	Wound Statof/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bombas	Plastic Plástico			

MATERIAL DESCRIPTION / Qgggg/gglQiy DE MATERIAL



No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	15	Impeller Key <i>Chsvets Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulsor</i>	SS^04/Ca\$ iron <i>Inox 304/Fundición</i>	9	Support Case <i>Cuerpo Soporte</i>	Cast iron <i>Fundición</i>	16	Connection Bolt <i>Pemo</i>	Steel <i>Acero</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carb>n/SS304 <i>SiC-Grsfito-In0x304</i>	10	Support Foot <i>Soporte Pie</i>	Iron <i>Hierro</i>	17	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
4	O-ring <i>Junta TMca</i>	Rubber <i>Caucho</i>	11	Foot Bolt <i>Pemo</i>	Steel <i>Acero</i>	18	Release Valve <i>Tapbn Cebdo</i>	Brass <i>Bronce</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	12	Coupling(Optional) <i>Unión(Opcional)</i>	Steel <i>Acero</i>	19	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
6	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45U Hierro</i>	13	Case Cover <i>Tapa Cuerpo</i>	SS304 <i>Inox304</i>	20	Counter Flange <i>Contra Brida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
7	Bearing Cover <i>Tapa Rodamiento</i>	Cast iron <i>Fundición</i>	14	Nameplate <i>Letrero</i>	Aluminum <i>Aluminio</i>	21	Flange Bolt <i>Pemo de Brida</i>	Steel <i>Acero</i>

PS/PST/PSC

Pump for fire fighting

Bo mba para contra-incendio



PS



PST



PSC

NEW/NUEVO

TECHNICAL DESCRIPTION

- New pump design for fire fighting
- Original design by PURITY (patented)
 - Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
 - Impeller in stainless steel AISI 304 or brass
 - Shaft in stainless steel AISI 304
 - Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal
 - Models for capacities from 80-5000 US GPM

APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The fire fighting pumps specially designed for fire-fighting systems
 - with rated capacities from 80-5000USGPM at rated pressure 7,8,9,10, 11,12,13..18bar. Other sizes can provide on request.

USING LIMITS

- Liquid temperature L between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 25 bar
- Continuous service S1

PATENTS

- Registered model PST
- Registered Patent Design n 201530478502.0

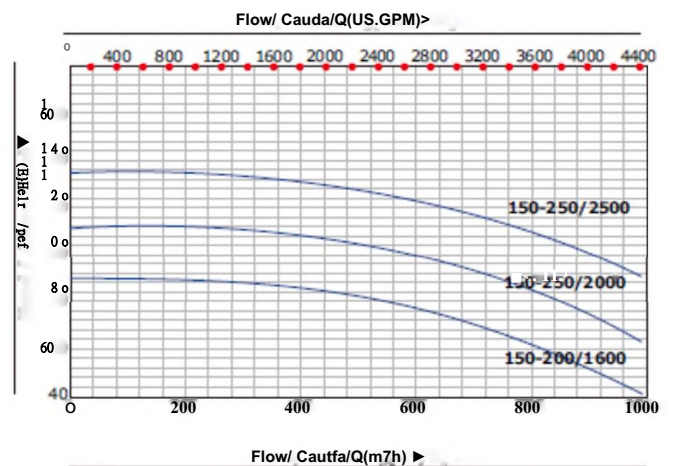
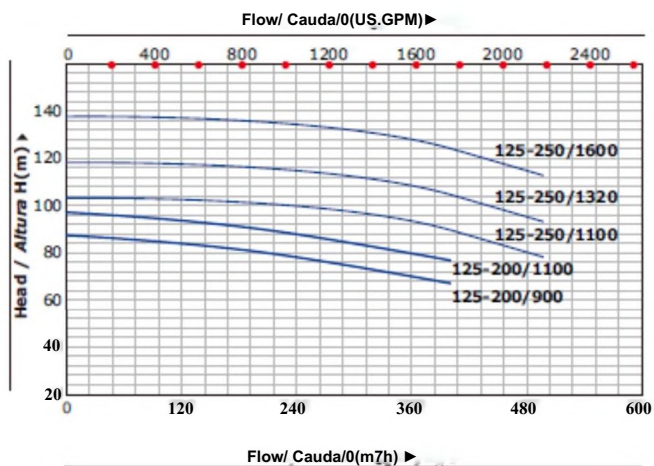
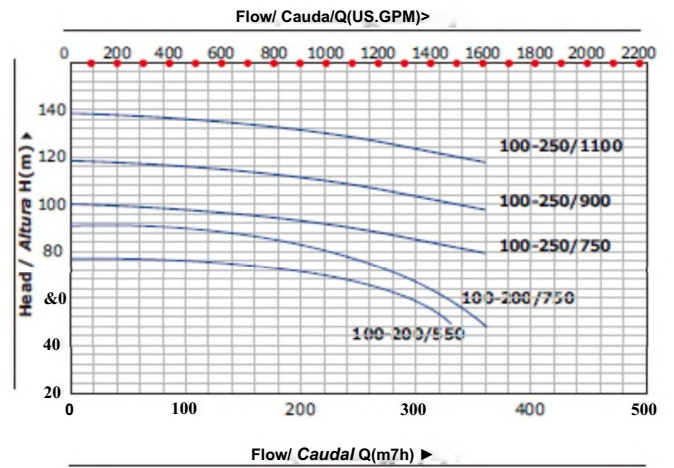
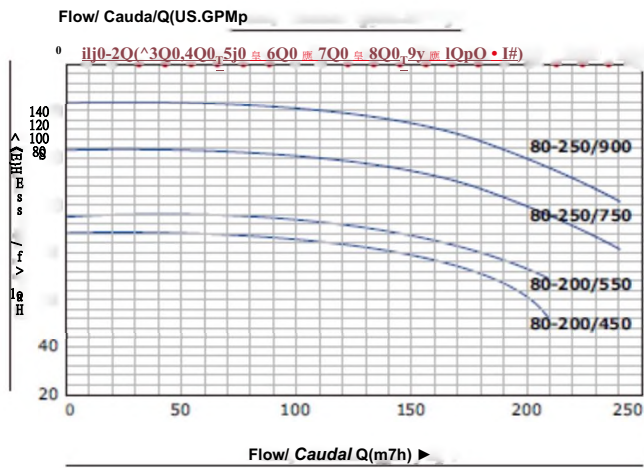
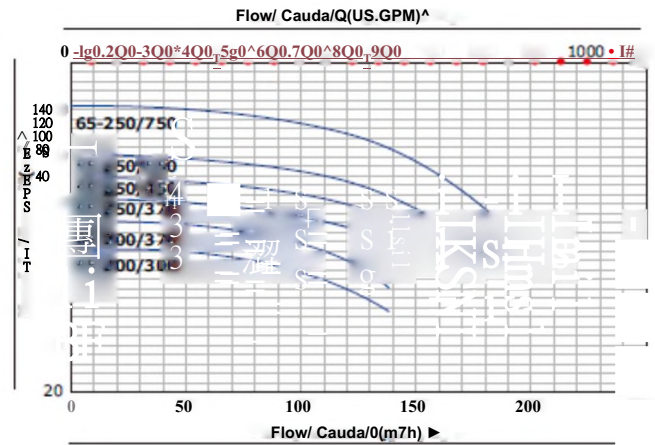
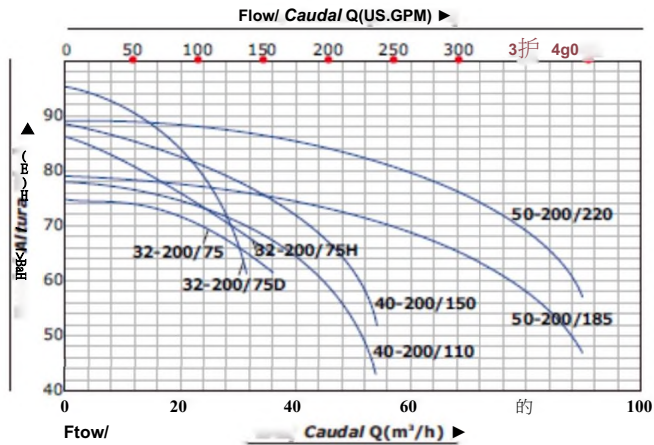
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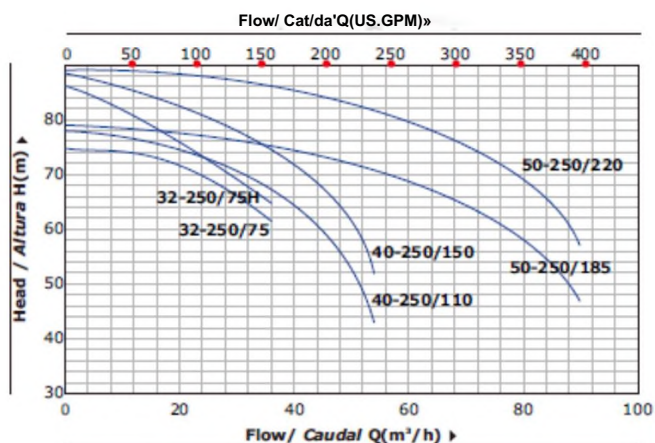
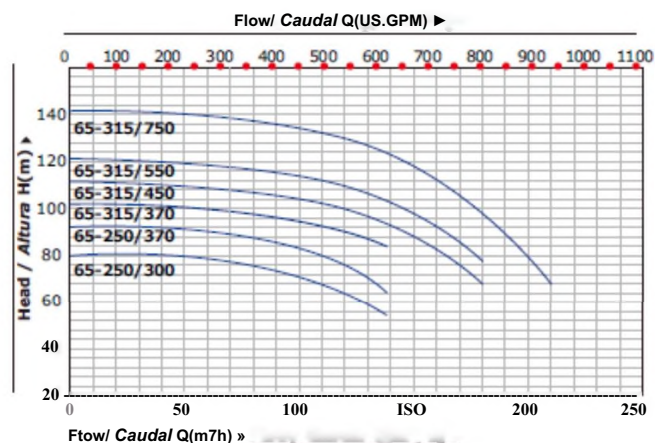
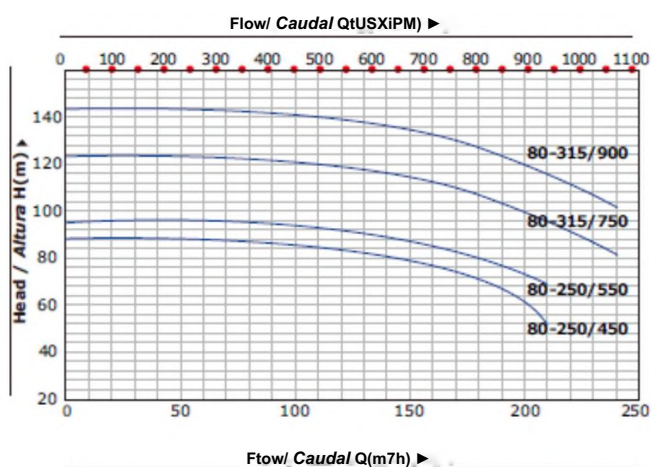
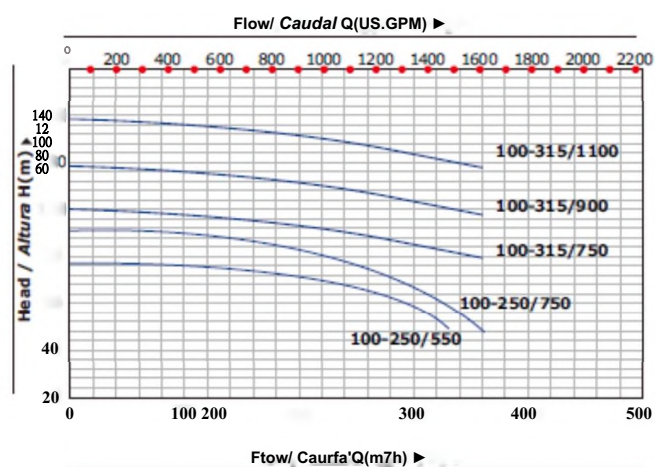
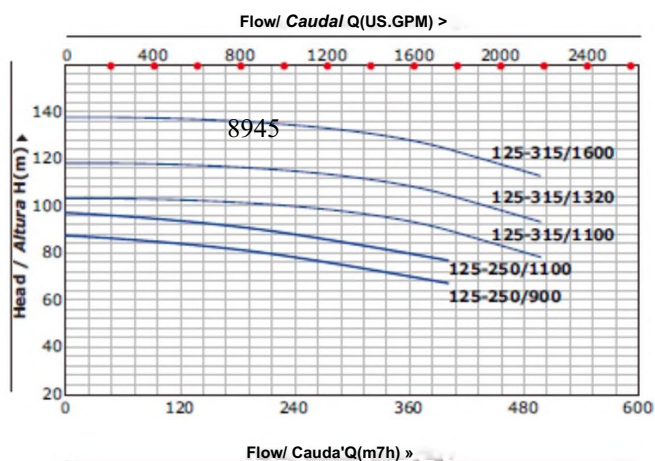
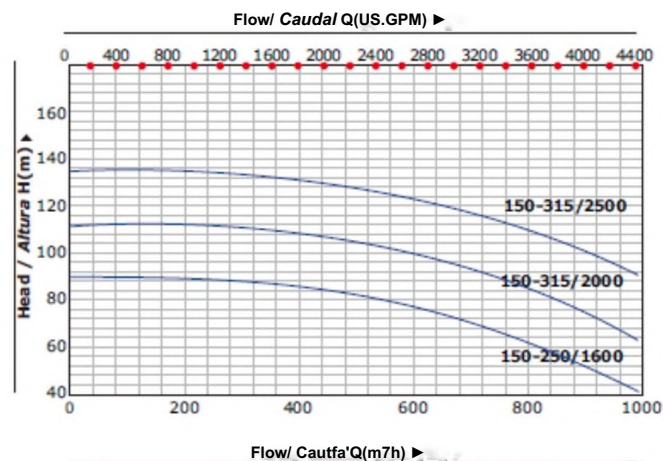
GPM	Bar	Pump for diesel Bomba para diesel 2900rpm	Pump for electric Bomba para Bfctrico 3500rpm	Motor pump Bomba Motor 3500rpm
80	7	PS32-250/75	PS32-200/75	PST32-200/75
100	7	PS32-25 (V75	PS32-20Q/75	PST32-200/75
120	7	PS32-250/75H	PS32-200/75H	PST32-200/75D
150	7	PS40-250/110	PS40-200/110	PST40-200/HO
200	7	PS40-250/150	PS40-200/150	PST40-200/150
250	7	PS 50-250/185	PS50-200/185	PST50-200/185
300	7	PS 50-250/220	PS50-200/220	PST50-200/220
350	7	PS50-250/220	PS50-20 (V220	PST50-200/220
400	7	PS65-250/300	PS65-200/300	PST65-200/300
500	7	PS65-250/300	PS65-200/300	PST65-200/300
500	8	PS65-250/370	PS65-200/370	PST65-200/370
500	9	PS65-315/370	PS65-250/370	-
500	10	PS65-315/450	PS65-250/450	-
500	11	PS65-315/550	PS65-250/550	-
500	12	PS65-315/750	PS65-250/750	-
500	13	PS65-315/750	PS65-250/750	-
750	7	PS80-250/450	PS80-200/450	PST80-200/450
750	8	PS80-250/550	PS80-200/550	PST80-200/550
750	9	PS80-315/750	PS80-250/750	-
750	10	PS80-315/750	PS80-25 (V750	■
750	11	PS80-315/7 50	PS80-250/750	-
750	12	PS80-315/900	PS80-250/900	-
750	13	PS80-315/900	PS80-250/900	-
1000	7	PS100-25Q/550	PS100-20Q/550	PST100-200/550
1000	8	PS 100-250/7 50	PS100-200/750	PST100-200/750
1000	9	PS100-315/750	PS100-25Q/750	■
1000	10	PS100-315/900	PS100-250/900	-
1000	11	PS100-315/900	PS100-250/900	-
1000	12	PS100-315/1100	PS100-250/1100	-
1000	13	PS100-315/1100	PS100-25Q/1100	-
1000	14	PSC80-370A1/1320	PSC80-370A1/1320	-
1000	15	PSC80-370A1/1320	PSC80-370A1/1320	■
1250	7	PS 125-250/900	PS125-200/900	■
1250	8	PS125-250A100	PS125-200/1100	■
1250	9	PS125-315/1100	PS125-250/1100	-
1250	10	PS125-315/1320	PS125-250/1320	■
1250	11	PS125-315/1320	PS125-250/1320	-
1250	12	PS125-315/1600	PS125-250/1600	-
1250	13	PS125-315A600	PS125-250/1600	-

n=2900/35001/min

GPM	Bar	Pump for diesel Bomba para diesel 2900rpm	Pump for electric Bomba para Bfctrico 3500rpm	Motor pump Bomba Motor 3500rpm
1250	14	PSa (J)0-375A2/2000	PSC100-375A2/2000	-
1250	15	PSa00-375A2/2000	PSC100-375A2/2000	-
1250	17	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	8	PS125-25Q/1100	PS125-20Q/1100	-
1500	9	PS125-315/1100	PS125-250/1100	-
1500	10	PS125-315/1320	PS125-250/1320	-
1500	11	PS125-315/1320	PS125-250/1320	-
1500	12	PS125-315/1600	PS125-250/1600	-
1500	13	PS125-315/1600	PS125-250/1600	-
1500	15	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	18	PSa00-375A1/2500	PSC100-375A1/2500	-
2000	8	PS150-250A600	PS150-200/1600	-
2000	10	PS150-315/2000	PS150-250/2000	-
2000	11	PSO25-29DA1/2000	PSC125-290A1/2000	-
2000	12	PSCL25-365A3/2500	PSC125-365A3/2500	-
2000	13	PS150-315/2500	PS150-250/2500	-
2000	15	PSCL25-365A2/3150	PSC125-365A2/3150	-
2000	17	PSC125-365B1/3550	PSC125-365B1/3550	-
2500	8	PS150-250/1600	PS150-200/1600	-
2500	10	PS150-315/2000	PS150-250/2000	-
2500	12	PS150-315/2500	PS150-250/2500	-
2500	13	PSC150-460B2/3150	PSC150-460B2/3150	-
2500	15	PSCL25-365A2/3550	PSC125-365A2/3550	-
2500	17	PSC125-365B1/3550	PSC125-365B1/3550	-
3000	10	PSa50-360A3/2500	PSC150-360A3/2500	-
3000	12	PSa50-360A2/3550	PSC150-360A2/3550	-
3000	13	PSC150^460B2/3550	PSC150^460B2/3550	-
3000	14	PSC150-360B1/4000	PSC150-360B1/4000	-
3000	16	PSC150^460B1/4500	PSC150-460B1/4500	-
4000	11	PSC200-420B3/4000	PSC200-420B3/4000	-
4000	14	PSC200^420B2/5000	PSC200^420B2/5000	-
4000	15	PSC150-360AV5000	PSC150-360A1/5000	-
4000	17	PSC150-460A1/5600	PSC150^460A1/5600	-
5000	10	PSC200-320B2/4000	PSC200-320B2/4000	-
5000	11	PSC200-320B1/5000	PSC200-320B1/5000	-
5000	12	PSC200-320A1/5600	PSC200-320A1/5600	-
5000	14	PSC200^420A2/5600	PSC200^420A2/5600	-
5000	16	PSC200^420B1/7100	PSC200^420B1/7100	-
5000	17	PSC200^420A1/8000	PSC200^420A1/8000	-

Other sizes can provide on request. ZBo/opedido otros modelos disponible.



**MODEL 32-40-50****MODEL 65****MODEL 80****MODEL 100****MODEL 125****MODEL 150**



End Suction Pumps PST

PST

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

PST

EN733 standard centrifugal pump

Bomba centrifuga normalizada EN733



PST



PST(B)

NEW/NUEVO

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

PATENTS

- Registered model PST
- Registered Patent Design n 201530478502.0

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE <i>DE</i> <i>DESCARGA</i>	IMPELLER SIZE <i>DEL IMPULSOR</i>						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	SS304	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron

MODEL MODELO	Power		us gpm l/min m³/h	Q= DELI VERY/ CAUDAL																			DN
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925	
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	mm
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9															50x32
32-125/11	1.1	1.5		22	21	197	16.5	14.5	9														50x32
32-160/15	1.5	2		25.4	23.7	22.5	18.5	15.8															50x32
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30	3	4		35	343	34	28	25.5	19	15													50x32
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8													50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32
32-250/55	5.5	7.5		60	59.5	59	55	51	34.5														50x32
32-250/75	7.5	10		69.5	69	68.5	66	63	S3														50x32
32-250/110	11	15		90	89.5	89	82	79	66														50x32
32-250/55D	5.5	7.5		79.5	74.7	71.8	63	56	37.5														50x32
32-250/75D	75	10		95	93	91	83	76	57.8														50x32
40-125/11	1.1	1.5		14.7				13.5	11.5	10.1	5.8												65x40
40-125/15	15	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22	2.2	3		24.5				23.2	21.5	20.2	16	13	83										65x40
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5											65x40
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1										65x40
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30											65x40
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5										65x40
40-250/92	9.2	12.5		64				59	565	55	49.5	45	39.8										65x40
40-250/110	11	15		72				67.5	66	615	57.5	52.2	47										65x40
40-250/150	15	20		84.5				80	773	75.2	71	65	61										65x40
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5								65x50
50-125/30	3	4		20							18.8	18	17	1S.6	11								65x50
50-125/40	4	5.5		24							23.1	23	21.5	203	15.8	11.8							65x50
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92	92	12.5		50.5							46.8	45	43	40.9	32.5	267							65x50
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150	15	20		62							58	56.5	54.S	52	44.5	39	35.5						65x50
50-250/150	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47						65x50
50-250/220	22	30	89.5							86	85.3	84	81.5	73.5	65.5	57						65x50	
65-125/40	A	5.5	19									17.3	16.8	14.5	13	11.8						80x65	
65-125/55	5.5	7.5	23									213	20.9	19	17.5	16.7	13.7					80x65	
65-125/75	7.5	10	27									26	25.6	24.5	23	22.5	20	18				80x65	
65-160/92	9.2	12.5	33										31.5	30	28	27.1	24	21.S				80x65	
65-160/110	11	15	36										34.5	33	31.5	30.8	28	25.5				80x65	
65-160/150	15	20	42										41	40	38.5	37.8	35	33	29.5			80x65	
65-200/150	15	20	45										45.5	43	41	40.2	36.5	34				80x65	
65-200/185	18.5	25	52										52.3	51	49	48.2	44.5	42				80x65	

65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5				80x65
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50					80x65
65-250/300	30	40	80											79.8	77.5	75.5	74.5	70	66	58				80x65
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68				80x65
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83				80x65
65-315/450	45	60	112											109.2	107.7	105.8	104.5	102.5	100	93	66			80x65
65-315/550	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76			80x65
65-315/750	75	100	141											139.8	137.3	135.6	134.5	132.5	130	122	96	65.5		80x65
80-125/40	4	5.5	17											16.5	15.9	14.3	13.5	11.6	10	7.5				100x80
80-125/55	5.5	7.5	21											20.5	20	19	18	16.5	15	12.5	9.5			100x80
80-125/75	7.5	10	26											25	25	24.5	23.8	22.5	21.5	19.5	16.5			100x80

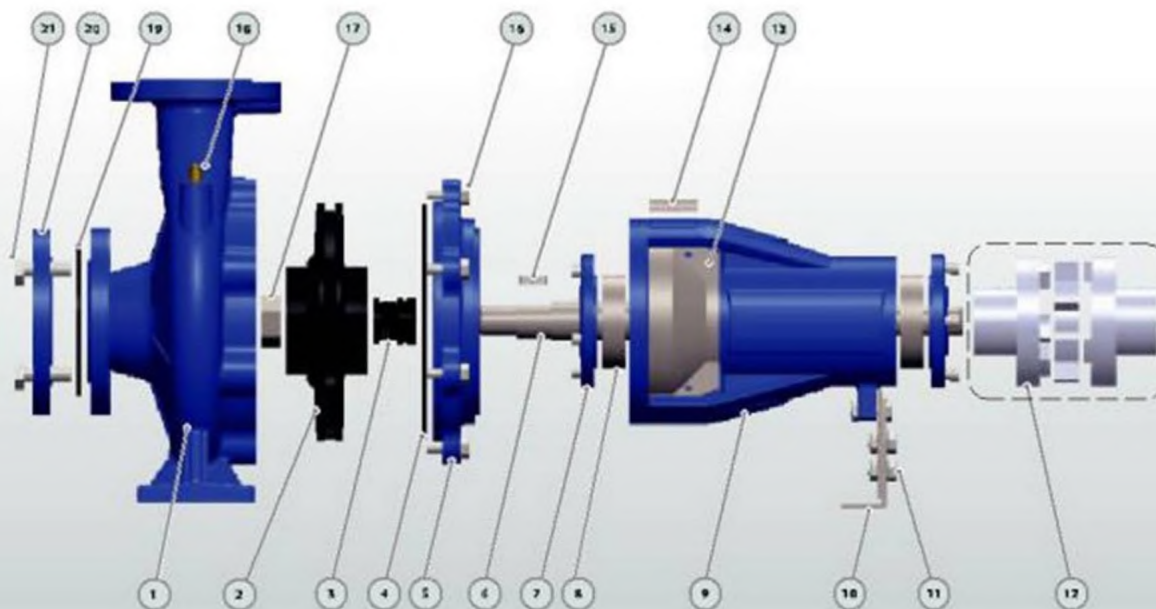
TECHICAL DATA/DATOS TECNICOS

50 HZ n=2900 1/min

MODEL MODELO	Power Potencia		us gpm l/min m³/h	Q=DELIVERY/ OU/DIXU																	DN mm	
	kw	hp		0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524		4405
				0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333		16666
				0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800		1000
80-160/110	11	15		27	27	273	24.5	21.1	16													100x80
80-160/150	15	20		32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100x80
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	253	23.5											100x80
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	303	28.5											100x80
80-200/220	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5											100x80
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80
80-250/370	37	50		71.5	70.9	70.5	65.5	593	51	43.2	38.5											100x80
80-250/450	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100x80
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	683											100x80
80-315/450	45	60		85	84	82.6	82	78	683	61	56											100x80
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100x80
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100x80
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100x80
100-160/150	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x100
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x100
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	253	22									125x100
100-200/220	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x100
100-200/300	30	40		44.5	42.5	42	40.2	38.8	36.7	342	33	31.7	29	217	18							125x100
100-200/370	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x100
100-250/450	45	60		65	65	64	63	61	58	56	55	533	50	39	33.5							125x100
100-250/550	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59							125x100
100-250/750	75	100		91	91	90.5	89.7	88	85.5	84	833	81.5	78	71.7	68.5	48						125x100
100-315/550	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60						125x100
100-315/750	75	100		100			99	97.4	95	94	93.5	93	913	88	86	80						125x100
100-315/900	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98						125x100
100-315/1100	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x100

No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Selto Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sell - Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45H Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			

MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	15	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulse</i>	SSMM/Cast iron <i>Inox 304/Fundición</i>	9	Support Case <i>Cuerpo Soporte</i>	Cast iron <i>Fundición</i>	16	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carbon/SS304 <i>SiC-Grafito-Inox304</i>	10	Support Foot <i>Soporte Pie</i>	Iron <i>Hierro</i>	17	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	11	Foot Bolt <i>Perno</i>	Steel <i>Acero</i>	18	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	12	Coupling(Optional) <i>Unión(Opcional)</i>	Steel <i>Acero</i>	19	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
6	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45n Hierro</i>	13	Case Cover <i>Tapa Cuerpo</i>	SS304 <i>Inox304</i>	20	Counter Flange <i>Contra Bida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
7	Bearing Cover <i>Tapa Rodamiento</i>	Cast iron <i>Fundición</i>	14	Nameplate <i>Letrero</i>	Aluminum <i>Aluminio</i>	21	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>

PST

EN733 standard centrifugal pump

Bomba centrifuga normalizada EN733



NEW/NUEVO

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

PATENTS

- Registered model PST
- Registered Patent Design n 201530478502.0

DISCHARGE E SIZE DE DESCARGA	IMPELLER SIZE DEL IMPULSOR						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	SS304	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron

MODEL MODELO	Power Potencia		US gpm l/min	Q=DEUVERY/CAUDAL																		DN	
				0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180		210
32-125/07 o	0.75	1	H(m)	17.5	16.7	15	12	9															50x32
32-125/11 o	L1	L5		22	21	19.7	16.5	14.5	9														50x32
32-160/15 •	L5	2		25.4	23.7	225	18.5	15.8															50x32
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30 •	3	4		35	34.3	34	28	25.5	19	15													50x32
32-200/30 •	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8													50x32
32-200/40 •	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32
32-250/55 •	5.5	7.5		60	59.5	59	55	53	49	46													50x32
32-250/75 •	7.5	10		75	74.5	74.3	73.5	72.5	68.5	67.3	60												50x32
32-250/110 •	11	15		90	87.5	85.8	82	79	75	72	65												50x32
32-250/55DO	5.5	7.5		79.5	77	74	70	66	54	42													50x32
32-250/75DO	7.5	10		95	93	91	87	83	75	70	32												50x32
40-125/11 o	L1	L5		14.7				13.5	11.5	10.1	5.8												65x40
40-125/15 o	L5	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22 ©	2.2	3		24.5				23.2	21.5	20.2	16	13	83										65x40
40-160/30 •	3	4		31.8				29.5	275	26.3	21.5	17.5											65x40
40-160/40 •	4	5.5		38				36	34	33	28.5	25	20.1										65x40
40-200/55 •	5.5	7.5		46				43.8	413	40.1	35	30											65x40
40-200/75 •	7.5	10		57				53.6	51.5	50	45	41	36.5										65x40
40-250/92 •	9.2	12.5		64				59	56.5	55	49.5	45	39.8										65x40
40-250/110 •	11	15		78				75	73	72	67	63	56	43									65x40
40-250/150 •	15	20		88.5				83.5	80.5	79	74	70.5	65	52									65x40
50-125/22 •	22	3		17							15.4	14	12.8	11.5	6.5								65x50
50-125/30 •	3	4		20							18.8	18	17	15.6	11								65x50
50-125/40 •	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8							65x50
50-160/55 •	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50
50-160/75 •	7.5	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92 •	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7							65x50
50-200/110 •	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150 •	15	20		62							58	56.5	54.5	52	44.5	39	35.5						65x50
50-250/150 •	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185 •	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47						65x50
50-250/220 •	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57						65x50
65-125/40 •	4	5.5		19									173	16.8	14.5	13	11.8						80x65
65-125/55 •	5.5	7.5		23									21.3	20.9	19	17.5	16.7	13.7					80x65
65-125/75 •	7.5	10		27									26	25.6	24.5	23	22.5	20	18				80x65
65-160/92 •	9.2	12.5		33										31.5	30	28	27.1	24	21.5				80x65
65-160/110*	11	15		36										34.5	33	31.5	30.8	28	25.5				80x65
65-160/150 •	15	20		42										41	40	38.5	37.8	35	33	29.5			80x65
65-200/150 •	15	20		45										45.5	43	41	40.2	36.5	34				80x65
65-200/185 •	18.5	25	52										52.3	51	49	48.2	44.5	42				80x65	
65-200/220 •	22	30	59										59.5	58	56	55	52	49.5	44.5			80x65	
65-250/220 •	22	30	64.8										64.7	62	60	58.5	53	50				80x65	
65-250/300 •	30	40	80										79.8	77.5	75.5	74.5	70	66	58			80x65	
65-250/370 •	37	50	92										90.5	88.5	87	85	80.5	78	68			80x65	
65-315/370 •	37	50	102										99.2	97	95	94.5	92.4	90	83			80x65	
65-315/450 •	45	60	112										109.2	107.7	105.8	104.5	102.5	100	93	66		80x65	
65-315/550 •	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-315/750 •	75	100	141										139.8	137.3	135.6	134.5	132.5	130	122	96	65.5	80x65	
80-125/40 •	4	5.5	17									16.5	15.9	14.3	13.5	11.6	10	75				100x80	
80-125/55 •	5.5	7.5	21									20.5	20	19	18	16.5	15	125	9.5			100x80	
80-125/75 •	7.5	10	26										25	25	24.5	23.8	225	21.5	16.5			100x80	

° = PST available ° = PS available • = PST&PS available/drspo/wb/e *

MODEL MODELO	Power Potencia		us gpm	Q=DELIVERY/C>4/(D>4E																	DN	
				0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524		4405
	l/min	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666			
		kw	hp	m ³ /h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000
80-160/110 •	11	15	H(m)	27	27	273	24.5	2L1	16													100x80
80-160/150 •	15	20		32.8	32.6	325	302	27	221	18.5	16.7											100x80
80-160/185 •	18.5	25		39	385	38	36.7	33.6	28.8	253	23.5											100x80
80-160/220 •	22	30		44	43.5	43	41.7	38.6	33.8	303	28.5											100x80
80-200/220 •	22	30		48	47.7	475	435	39.2	325	272	24.5											100x80
80-200/300 •	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80
80-250/370 •	37	50		7L5	70.9	70.5	65.5	59.3	51	432	38.5											100x80
80-250/450 •	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100x80
80-250/550 •	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	683											100x80
80-315/450 •	45	60		85	84	826	82	78	683	61	56											100x80
80-315/550 •	55	75		98	97	95.6	95	91	8L3	74	69											100x80
80-315/750 •	75	100		124	123	12L6	121	117	1073	100	95	90	80.8									100x80
80-315/900 •	90	125		144	143	14 L6	141	137	127.3	120	115	110	1003									100x80
100-160/150 •	15	20		35	335	325	30	27.8	24.5	21.5	20	183	15									125x100
100-160/185 •	18.5	25		38.5	375	36.5	343	32.2	29	25.7	24	22	18									125x100
100-160/220 •	22	30		43	41	40	37.6	35.2	3L5	28.5	27	253	22									125x100
100-200/220 •	22	30		38.5	36.7	35.7	333	3L7	28.5	26.8	26	25	22.9	163	13							125x100
100-200/300 •	30	40		44.5	42.5	42	402	38.8	36.7	342	33	3L7	29	2L7	18							125x100
100-200/370 •	37	50		55	53	51	50.6	49.2	47	45	44	42.8	405	328	29							125x100
100-250/450 •	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5							125x100
100-250/550 •	55	75		77	76	75.5	75	73.8	72	71.7	7L5	70.7	69	623	59							125x100
100-250/750 •	75	100		91	91	90.5	89.7	88	85.5	84	833	8L5	78	7L7	68.5	48						125x100
100-315/550 •	55	75		80			79	77.4	75	74	73.5	73	713	68	66	60						125x100
100-315/750 •	75	100		100			99	97.4	95	94	93.5	93	913	88	86	80						125x100
100-315/900 •	90	125		118			1165	114.7	112	111	110.8	110.5	108.7	106	104	98						125x100
100-315/1100 •	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x100
125-200/450 •	45	60		39.8			393	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25					150x125
125-200/550 •	55	75		49.8			493	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35					150x125
125-200/750 •	75	100		60.8			603	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46					150x125
125-250/550 •	55	75		70			67	65	64	63	62	61	59.5	57	56	53						150x125
125-250/750 •	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5					150x125
125-250/900 •	90	125		87			84	82	81	80	79	78	77	74.5	73.5	702	65.7					150x125
125-250/1100 •	110	150		97			94	92	91	90	89	88	87	84.6	83.9	80.4	76					150x125
125-315/900 •	90	125		89						87	86	85	83.7	8L5	81	77	74	61				150x125
125-315/1100 •	110	150	103						101	100	99	973	95.5	95	91.5	88.2	75.6				150x125	
125-315/1320 •	132	180	118						116	115	114	1125	110.5	110.3	106.5	103.2	91				150x125	
125-315/1600 •	160	220	138						136B	135.9	135	1337	131.5	131	127.5	124.2	112				150x125	
150-200/750 •	75	100	50								48	47.9	47.6	47.2	46.7	46.4	40.6	363	252		200x150	
150-200/900 •	90	125	56								54	53.9	53.6	53.2	52.7	524	48	423	312		200x150	
150-200/1100 •	110	150	65.2								62	61.7	6L2	60.8	593	59.2	572	S4	46		200x150	
150-250/1100 •	110	150	67												64.2	62	60.6	55.8	493	333	200x150	
150-250/1320 •	132	180	80.2												78.2	763	75	70.6	65	502	29.8	200x150
150-250/1600 •	160	220	90												88.4	87	86	82	772	62.4	42	200x150
150-315/1600 •	160	220	92												90	883	87.2	82.8	763	60.4		200x150
150-315/2000 •	200	270	111												110.6	108.7	107.4	103.4	982	83.4	622	200x150
150-315/2500 •	250	340	135												135.4	133.7	132.6	128.6	123.8	1102	91	200x150

• =PS available • = PST&PS available/disponible

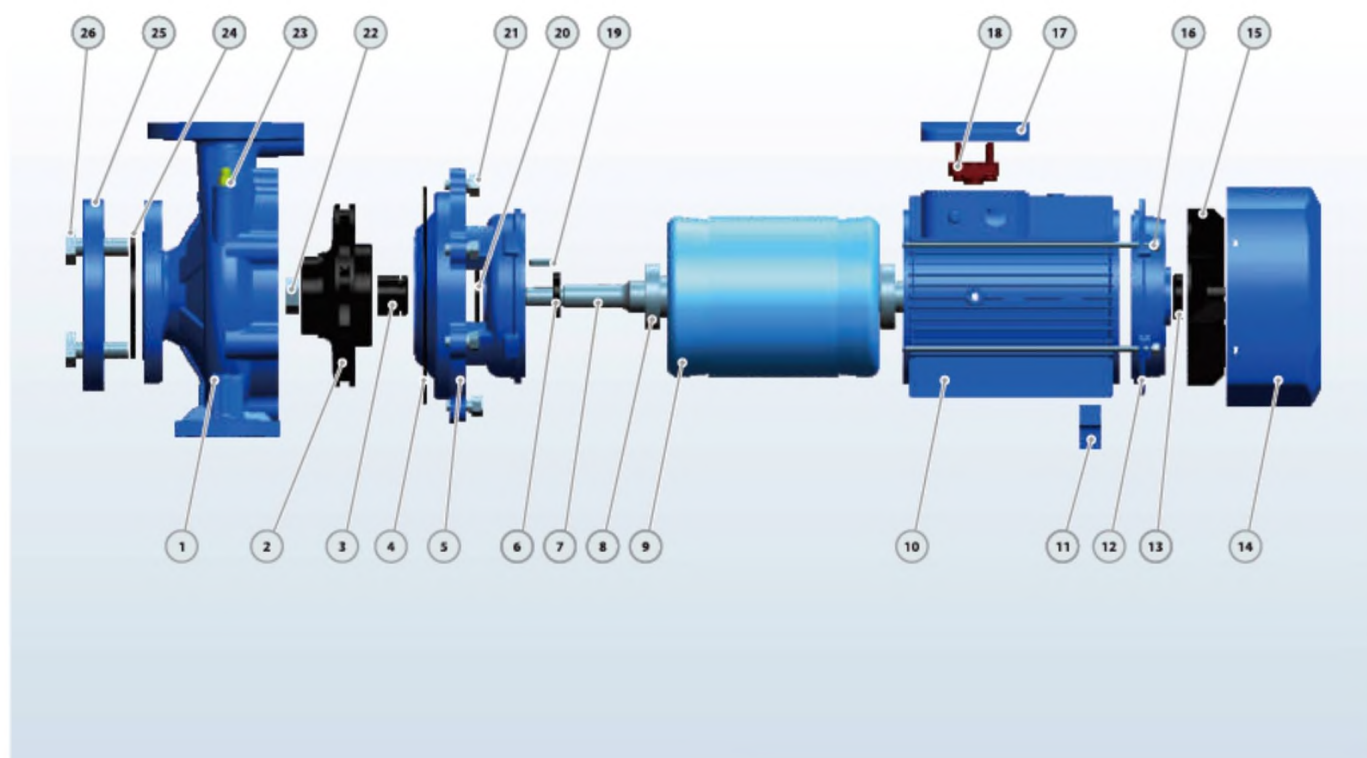
MODEL MODELO	Power Potencia		us gpm	Q=DELIVERY/C>ia£M£																	DN	
				0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881		1101
	l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4166			
	m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	mm		
65-160/11	•	LI	L5	H(m)	8	7.5	7A	73	7	6.6	63	5.8	43	3.4								80x65
65-160/15	•	15	2		9	8.5	8.4	83	8	7.6	7.4	6.9	6	4.6								80x65
65-160/22	•	22	3		103	9.9	9.9	93	9.5	9.2	9	8.6	73	6.5	5							80x65
65-200/15	•	15	2		10			9.6	9.1	8.5	8.2	7.6	6.4	4.6								80x65
65-200/22	•	22	3		12.4			122	11.8	113	11	10.4	93	7.6								80x65
65-200/30	•	3	4		14.4			143	133	13.4	13.1	125	113	9.6	7.5							80x65
65-250/30	•	3	4		15.4			14.6	13.9	13.1	126	1L6	9.7	6.7								80x65
65-250/40	•	4	5.5		19			183	173	17.2	16.9	16.1	14.4	1L7								80x65
65-250/55	•	5.5	7.5		223			213	20.9	20.3	19.9	19.2	17.7	15.1	12							80x65
65-315/40	♦	4	5.5		18.6			173	173	16.7	16.2	15.2	133									80x65
65-315/55	•	5.5	7.5		221				212	20.6	20.2	19.2	173	14								80x65
65-315/75	•	7.5	10		26.5				25.6	25.2	24.9	243	23	20.8	17.6							80x65
65-315/110	•	11	15		34.8				342	33.9	33.7	33.2	321	30.2	27.4	25.6	23.7	18.7				80x65
80-160/15	•	L5	2		72					7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80
80-160/22	•	2.2	3		8.5					8.6	8.4	8	7.4	6.6	62	5.7	5					100x80
80-200/30	•	3	4		1L2					11	10.7	10.1	9.2	8	73	6.6						100x80
80-200/40	•	4	5.5		13.8					13.8	13.6	133	124	1L3	10.7	10	9					100x80
80-250/40	•	4	5.5		16.5					16	15.6	143	13.2	1L4	102	9						100x80
80-250/55	•	5.5	7.5		19.8					19.5	19.1	18.4	17.2	15.5	14.5	13.5	1L1					100x80
80-250/75	•	7.5	10		23.6					23.5	23.2	225	213	19.9	19	18.1	16					100x80
80-250/110	•	11	15		27.6					27.5	27.2	26.5	253	23.9	23	221	20	15				100x80
80-315/55	•	5.5	7.5		19.7					19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80
80-315/75	•	7.5	10		24.6					23.9	23.6	23	2L9	20.4	195	18.6	163					100x80
80-315/110	•	11	15		29.9					29.4	29.2	283	28.1	27	263	25.5	23.6	16.5	13.5			100x80
80-315/150	•	15	20		36.8					36.4	36.1	35.6	34.7	33.6	33	324	30.9	253	23			100x80
80-400/185	•	18.5	25		403					39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	273	24.5			100x80
80-400/220	•	22	30		45.1					44.6	44.5	442	43.6	426	42	4L4	39.8	33.4	30.7			100x80
80*400/300	•	30	40		55.1					54.7	54.6	54.4	54	533	52.8	522	50.9	45.4	432			100x80
100-160/22	•	22	3		5S					5.8	5.7	55	53	5	4.9	4.6	4.3					125x100
100" 160/30	•	3	4		82					8.1	8	7.9	7.6	7.3	72	6.9	6.5	5.1				125x100
100-160/40	•	4	5.5		10					10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	63			125x100
100-200/40	•	4	5.5		11.8					1L7	1L6	11.4	11	10.5	103	9.7	9.1	63	5.9			125x100
100-200/55	•	5.5	7.5		14.8					14.7	14.7	14.5	14.2	13.9	133	13.5	13	111	103			125x100
100-250/55	•	5.5	7.5		15.9					15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	92	7.9			125x100
100-250/75	•	7.5	10		19.5					19.5	19.4	192	18.8	183	18.1	17.6	16.9	14	12.7			125x100
100-250/110	•	11	15		24.3					24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	1L4		125x100
100-250/150	•	15	20		2T8					27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	232	221	14.9		125x100
100-315/150	•	15	20		29.9						29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8		125x100
100-315/185	•	18.5	25		35						34.4	342	33.8	33.5	333	328	32.2	30	29	224		125x100
100-315/220	•	22	30		37						36.8	36.7	36.4	36.1	35.9	35.5	35.1	332	32.4	26.6		125x100
100-315/300	•	30	40	42						4L8	41.7	4L4	4L1	40.9	40.5	40.1	382	37.4	3L6		125x100	
100-400/300	•	30	40	46.4							46	46	46	46	45	44	42	40	29.6		125x100	
100-400/370	•	37	50	5L8							513	5L2	5L1	51	50.5	49.5	475	46	37.3		125x100	
100-400/450	•	45	60	57.1							56.7	56.4	56.1	56	56	55	53	52	45	321	125x100	

MODEL MODELO	Power Potencia		US gpm l/min	Q=DELIVERY/C>4a£ME																	DN
				0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
	kw	hp	m³/h	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000	
				0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	mm
125*200/55	5.5	7.5	H(m)	11.4	11.1	11.1	11	10.9	10.8	102	10	9.7	8.9	8.6	6.9						150x125
125-200/75	7.5	10		14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6						150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8					150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1							150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	153	117					150x125
125-250/150	15	20		23.2					23.3	23.1	23	229	22	22	19.8	16.5	123				150x125
125-250/185	18.5	25		25.6					25.5	255	25.4	253	24.9	24.7	23	203	16.5				150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	233	19.7	14.9				150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4				150x125
125-315/300	30	40		35.6							35.4	353	34.8	34.6	32.9	30.1	26.1				150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8			150x125
125-400/220	22	30		33.4						323	325	32.1	30.5	29.7	24.7	173					150x125
125-400/300	30	40		41						41	40.5	403	39.2	38.6	34.4	27.5	183				150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5				150x125
125-400/450	45	60		51.4						51	50.9	503	50.1	49.8	47	422	343				150x125
125-400/550	55	75		56.5						563	56.3	562	55.9	55.7	533	50.3	44.7	26.7			150x125
150-200/110	11	15		14								13.5	13.4	13.3	13.1	12.9	117	7.8			200x150
150-200/150	15	20		16.3								15.5	153	15.2	14.8	14.3	13.5	11.1			200x150
150-200/185	18.5	25		183								17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5										16.8	15.9	14.7	132	9.2			200x150
150-250/185	18.5	25		213										20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24										23.6	23	22	203	17.1	12		200x150
150-250/300	30	40		25.5										25	24.5	23.5	22	18.8	133		200x150
150-315/300	30	40		30.2										29.7	29	27.9	26.4	223			200x150
150-315/370	37	50		33.6										33.5	32.7	31.7	30.4	26.7	21.4		200x150
150-315/450	45	60		37.7										37.6	36.9	35.9	34.7	31.3	26.5		200x150
150-315/550	55	75		40										40	393	38.4	372	33.9	29.4		200x150
150-315/750	75	100		45										45	443	43.4	422	38.9	34.4	27	200x150
150400/550	55	75		48.2									47.7	48	46	45	42	36.8	292		200x150
150-400/750	75	100		55.4									55	55	54	53	51	47	41	322	200x150
150400/900	90	125		59.5									59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150		65.5									65	65	64	63	62	58	52	43.7	200x150

MODEL MODELO	Power Potencia		US gpm	Q=DELIVERY/C>4aEMF															DN
				0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075	5586		
	l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200	21133				
	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268	mm			
200-250/185 •	18.5	25	H(m)	15.7	15.3	14.8	13.7	122	10.6	8.9	6.8							250x200	
200-250/220 •	22	30		18.5		17.2	16.2	14.8	131	11.1	8.7							250x200	
200-250/300 •	30	40		231		21.5	20.5	19.4	175	16	13.6	10.8						250x200	
200-315/550 •	55	75		311		30.2	29.8	29.1	273	253	23	19.2	143					250x200	
200-315/750 •	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1					250x200	
200-315/900 •	90	125		421		413	41	403	39	36.9	34.1	30.4	26.1					250x200	
200-400/750 •	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5						250x200	
200-400/900 •	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9					250x200	
200-400/1100 •	110	150		524		522	51.9	51.2	50	48	45.1	41.2	36.2					250x200	
200-400/1320 •	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6				250x200	
250-315/550 •	55	75		261			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5			300x250	
250-315/750 •	75	100		35.4			35.2	34.7	33.3	32.5	30.4	28	25	21.3	16.4			300x250	
250-315/900 •	90	125		393			39.8	39.5	38.3	37.3	36	33.9	31	27.3	22.5			300x250	
250-400/1100 •	110	150		45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9		300x250	
250-400/1320 •	132	180		50.3			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5		300x250	
250-400/1600 •	160	220		56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250	

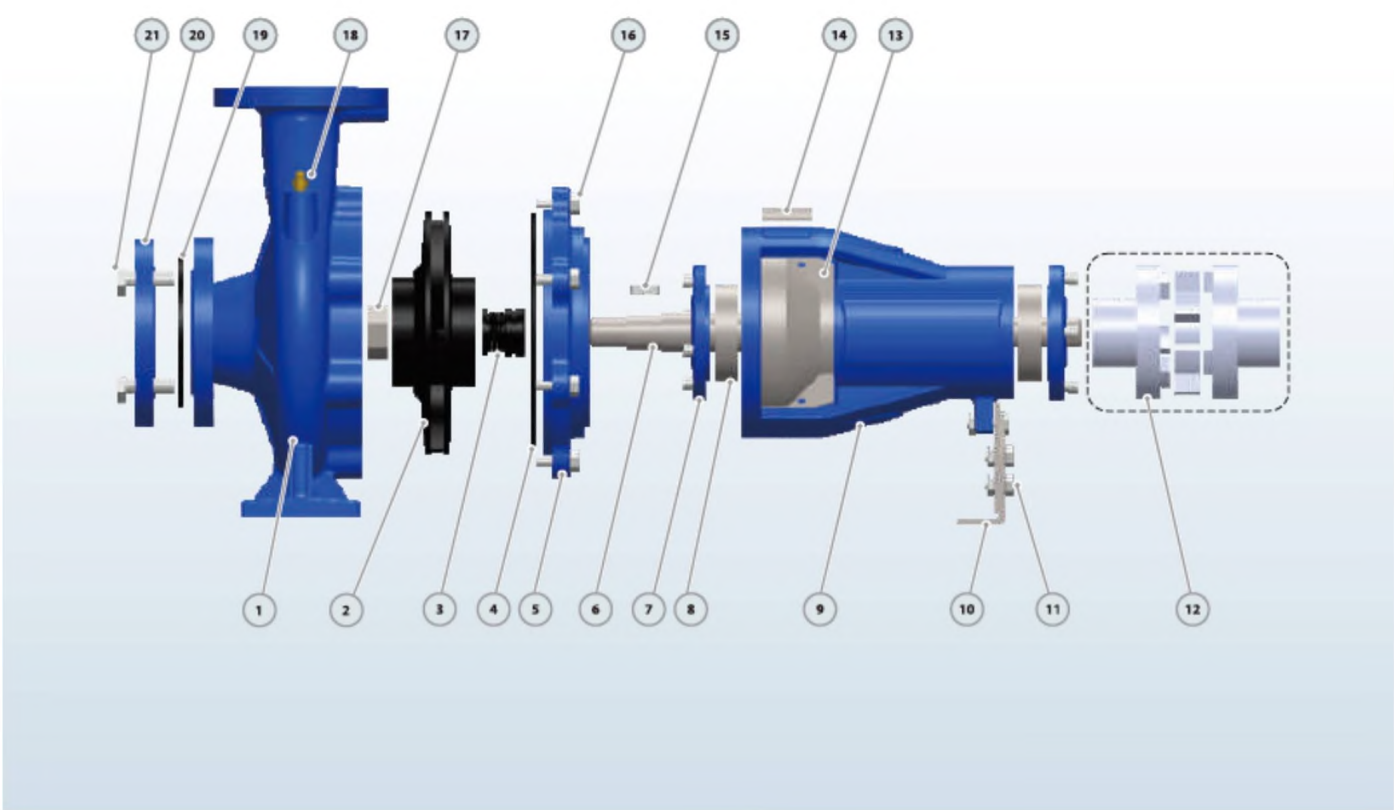
•=PS4 available/disponible

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	10	Motor Case <i>Cuerpo de Motor</i>	Aluminum <i>Aluminio</i>	19	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulsor</i>	SS304/Cast iron <i>Inox 304/Fundición</i>	11	Support Foot <i>Soporte Pie</i>	Plastic <i>Plástico</i>	20	Water Deflector <i>Deflector</i>	Rubber <i>Caucho</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carbon/SS304 <i>SiC-Grafito-Inox304</i>	12	Back Cover <i>Tapa Trasera</i>	Cast iron <i>Fundición</i>	21	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	13	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	22	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	14	Fan Cover <i>Tapa Ventilador</i>	Aluminum <i>Aluminio</i>	23	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
6	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	15	Fan <i>Ventilador</i>	Plastic <i>Plástico</i>	24	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
7	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45# Hierro</i>	16	Through Bolt <i>Perno</i>	Steel <i>Acero</i>	25	Counter Flange <i>Contra Brida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	17	Terminal Box <i>Caja de Bornas</i>	Aluminum <i>Aluminio</i>	26	Flange Bolt <i>Perno de Brida</i>	Steel <i>Acero</i>
9	Wound Stator/Rotor <i>Estató / Rotor</i>	Silicon Steel/Copper <i>Acero al Silicio/Cobre</i>	18	Terminal Board <i>Tablero de Bornas</i>	Plastic <i>Plástico</i>			

MMERIAL DESCRIPTION / DESCRIPCION DE MATERIAL

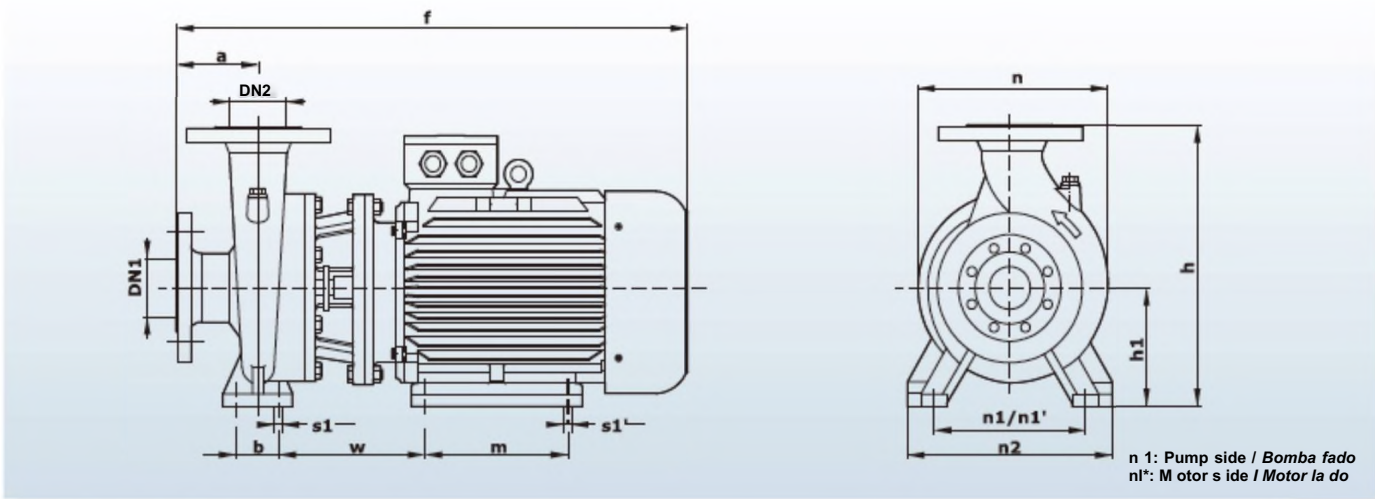


No.	Description	Material	No.	Description	Material	No.	Description	Material
	QEECDñEÜÜk	Material		Uejujwuiuk	Material		Qe&cfuuúoa	M areña/
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
	Cuerpo de Bomba	Fundición		RotiunisniQ,	Bola RodAmj&JiiQ		Q_tj0妨叙Impulsor	tijRJOQ,
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
	Impulsor	biQX,304^JUUiüÜM		Cuerpo Soporte	Fundición		Perno	Acero
3	Mechanical Seal	SJC/Carbon/SS304	10	Support Foot	Iron	17	Impeller Nut	GaJmizaUul Steel
	Cierre Mecánico	SiC-Grafito-Inox304		SQfiSUIAPie	litgg		lusiCA.de impuJsac	Acero Galvanizado
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
	Junta Tórica	Caucho		Eenia	Acexti		IAHÔR GAñiAdo,	Bronce
5	Connection	Cast iron	12	CoupBng(Optional)	Steel	19	Gasket	Rubber
	Conexión	Fundición		UntdnfQ^aöneJ)	Acem		Empaque	Caucho
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	GaUaniua如I Cast iron
	to	toe 304/45# ttaa		Tapa CLuex/za	Inox304		Contra Breda	Fundic細 (メ測扣血
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel
	Taps Rnfiamifinf...	Fundición		Letrero	Ahicnkijo.		Pezno. de Breda.	Anero.

The image contains two technical drawings of the pump assembly. The left drawing is a side view showing the pump head, motor, and mounting feet. Dimensions labeled include: $DN1$ (inlet diameter), $DN2$ (outlet diameter), f (total length), $w1$ (mounting foot width), $w2$ (motor base width), and a (inlet flange diameter). The right drawing is a front view of the pump head. Dimensions labeled include: n (total width), h (total height), $h1$ (height to centerline), $h2$ (height to top), $n1$ (width to centerline), and $n2$ (width to mounting foot).

MODEL/ <i>MODELO</i>		DIMENSIONS / <i>DIMENSIONES</i> mm													kg									
Single-phase <i>Monofásico</i>	Three-phase <i>Trifásico</i>	DN1	DN2	a	f	h	hi	h2	n	n1	n2	w1	w2	s	1-	3-								
32-125/7	32-125/7	90	32	80	435	255	114	141	202	140	190	35	35	15	27	24								
32-125/11	32-125/11																		28	25				
32-160/15	32-160/15																		38	34				
32-160/22	32-160/22			83	295	133	162	245	190	245	35	35	15	43	39									
32-160/30	32-160/30																		54	50				
32-200/30	32-200/30				470														56	52				
-	32-200/40			82	490	342	161	181	265		240					-	53							
-	32-250/55																-	66						
-	32-250/75					88	590	405	186	219	333	250	328	49	49	16	-	73						
-	32-250/110																-	95						
-	32-250/55D					160	610	362	162	200	330	216	280			14	-	73						
-	32-250/75D																-	80						
																	-							
40-125/11	40-125/11			65	40	82	440	260	116	144	220	160	212	37	37		30	27						
40-125/15	40-125/15																				33	29		
40-125/22	40-125/22																		38	34				
40-160/30	40-160/30	80	490			305	135	170	250	190	241	37	37		15	52	48							
-	40-160/40																			-	50			
-	40-200/55																			-	66			
-	40-200/75	102	560			345	162	193	282	214	267						-	73						
-	40-250/92																-	100						
-	40-250/110	94	712			415	186	229	327	250	327	49	49				-	116						
-	40-250/150																-	146						
50-125/22	50-125/22	50	50			102	525	305	135	170	263	190	245	37	37		45	41						
50-125/30	50-125/30																				54	50		
-	50-125/40																				-	52		
-	50-160/55					110	560	348	164	193	270	212	262	37	37		15	-	64					
-	50-160/75																					-	71	
-	50-200/92																			-	90			
-	50-200/110			104	722	392	186	206	307	232	310						-	106						
-	50-250/150																-	145						
-	50-250/185			102	720	416	186	230	330	250	327						-	153						
-	50-250/220																-	183						
-	65-125/40			80	65									49	49		-	56						
-	65-125/55					104	580	345	162	193	275	212	280								-	68		
-	65-125/75																				-	74		
-	65-160/92																		-	90				
-	65-160/110					110	730	425	186	239	330	232	309	49	49		15	-	106					
-	65-160/150																							
-	65-200/150																							-
-	65-200/185	111	740					240									-	145						
-	65-200/220																-	185						
-	80-125/40	100	80											212	280		-	56						
-	80-125/55					117	750	357	163	194		212	280								-	68		
-	80-125/75																					-	74	
-	80-160/110																		-	113				
-	80-160/150					88								255	332				-	143				
-	80-160/150																		-	150				
-	80-160/185-220					435	186	250									-	143						
-	100-160/150																-	150						
-	100-160/185			125	100	130	765				345	262	340	55	55	16	-	150						
-	100-160/220																-	183						

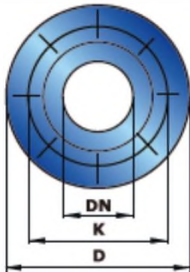
DIMENSIONS AND WEIGHT/ DIMENSIONES Y PESOS



MODEL/MODELO Three-phases Trifásico	DIMENSIONS 1 DIMENSIONES mm															kg
	DN1	DN2	a	f	h	hi	n	n1	nV	n2	b	w	m	s1	s1_	
65-250/220	80	65	116	870	420	180	369	260	279	320	70	246	241	18	15	210
65-25Q/300				990	456	195		250	318	327		293	305		19	230
65-25Q/370																240
80-200/220	100	80	118	880	460	250	360	279	260	258	95	246	241	20	15	212
80-200/300				950												222
80-250/370			130	980	537	250	490	318	310	228	305	229	311	19	19	245
80-250/450				1160												385
80-25(V550)				910												497
100-200/220	125	100	140	910	530	225	422	279	402	115	256	305	18	15	15	217
100-200/300				1025												227
100-200/370				1000												250
100-250/450				1180	580	250	418	356	402	95	224	311	20	19	19	390
100-250/550				1250												503
100-250/750								406			325	349		20		535
								436								

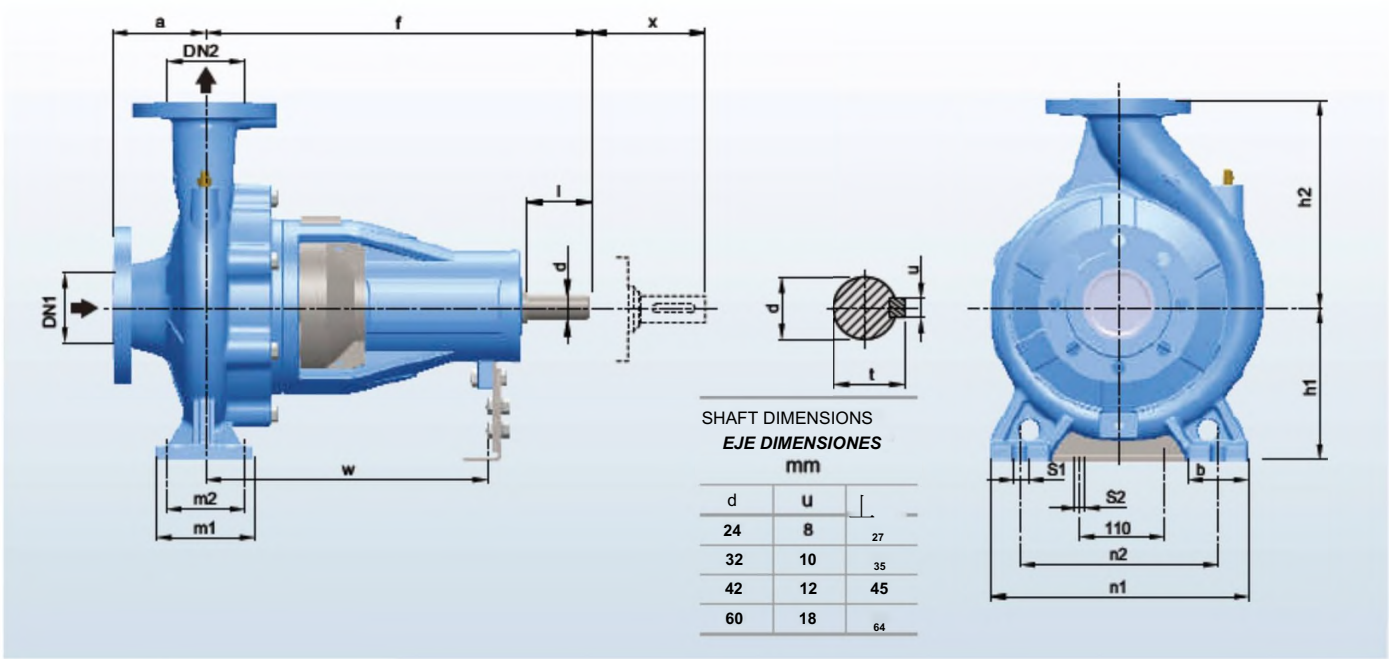
COUNTER FLANGE / CONTRABRIDA

DN	D mm	K mm	HOLES ORIHOOS	
			N	0mm
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	22
100	220	180		
125	250	210		
150	285	240		
200	340	295	12	26
250	405	355		



PIPE RECOMMEND / TUBERIA RECOMENDADA

SERIES SERIE	SUCTION ASPIRAadN	DISCHARGE IMPULSION	PIPE RECOMMEND TUBERIA RECOMENDADA	
			SUCTION ASPIRAODN	DISCHARGE IMPULSION
32	50mm	32mm	2"-3-	2--2'1//
40	65mm	40mm	3'-4-	2W
50	65mm	50mm	4"	r
65	80 mm	65mm	5 ^B	4-
80	100 mm	80mm	6'	5 ^B
100	125 mm	100 mm	8 ^B	6-
125	150 mm	125mm	10.	8"
150	200mm	150mm	12-	10-
200	250mm	200mm	14"	12.
250	300mm	250mm	16-	14-



MODEL MODELO	DIMENSIONS / DIMENSIONES mm																			kg
	DN1	DN2 a		f	hi	h2	b	ml	m2	rd	n2	s1	s2	w			x	d	l	
32-160	50	32	80	3	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
32-200	50	32	80	3	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
32-250	50	40	80	3	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
40-160	65	40	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
40-200	65	40	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
40-250	65	40	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
50-125	65	50	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
50-160	65	50	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
50-200	80	50	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
50-250	80	50	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	24	50	
65-125	65	65	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
65-160	65	65	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
65-200	65	65	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
65-250	65	65	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
80-125	100	80	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
80-160	100	80	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
80-200	100	80	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
80-250	100	80	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
80-315	125	100	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
80-400	125	100	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
100-160	125	100	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
100-200	125	100	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
100-250	125	100	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
100-315	125	100	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
100-400	125	100	100	0	60	122	55	55	5	70	24	0	0	4	14	260	100	32	58	
125-200	150	125	140	470	250	315	80	100	100	20	40	31	5	2	14	42	110	14	370	
125-250	150	125	140	470	250	315	80	100	100	20	40	31	5	2	14	42	110	14	370	
12M1S	150	125	140	530	280	355	100	100	100	20	40	31	5	2	14	42	110	14	370	
125-400	200	125	140	530	315	400	100	100	100	20	40	31	5	2	14	42	110	14	370	
150-200	200	150	160	470	280	400	100	100	100	20	40	31	5	2	14	42	110	14	370	
150-250	200	150	160	470	280	400	100	100	100	20	40	31	5	2	14	42	110	14	370	
150-315	200	150	160	470	280	400	100	100	100	20	40	31	5	2	14	42	110	14	370	
150-400	200	150	160	470	280	400	100	100	100	20	40	31	5	2	14	42	110	14	370	
15M15	250	150	160	530	315	450	100	100	100	20	40	31	5	2	14	42	110	14	370	
15-400	250	150	160	530	315	450	100	100	100	20	40	31	5	2	14	42	110	14	370	
200-250	300	200	180	530	355	475	100	100	100	20	40	31	5	2	14	42	110	14	370	
200-315	300	200	180	530	355	475	100	100	100	20	40	31	5	2	14	42	110	14	370	
200-400	300	200	180	530	355	475	100	100	100	20	40	31	5	2	14	42	110	14	370	
250-315	250	250	250	530	400	500	100	100	100	20	40	31	5	2	14	42	110	14	370	
250-400	250	250	250	530	400	500	100	100	100	20	40	31	5	2	14	42	110	14	370	



End Suction Pumps PSTF

End Suction Fire Pump for Fire Pump Set

TECHNICAL DESCRIPTION

- New pump design for fire fighting
- Original design by PURITY (patented)
 - Both square motor & round motor available
 - YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
 - Impeller in stainless steel AISI 304 or brass
 - Shaft in stainless steel AISI 304
 - Galvanized counter flange with bolts, nuts and gaskets
 - Quality NSK bearing, wear resistance mechanical seal
- Models for capacities from 80-5000 US GPM

Product Description

Technical Description

New EN733 standard centrifugal pump

Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron

Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

Using Limits

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

Standard Impeller Material

No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	10	Motor Case <i>Cuerpo de Motor</i>	Aluminum <i>Aluminio</i>	19	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulsor</i>	SS304/Cast iron <i>Inox 304/Fundición</i>	11	Support Foot <i>Soporte Pie</i>	Plastic <i>Plástico</i>	20	Water Deflector <i>Deflector</i>	Rubber <i>Caucho</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SIC/Carbon/SS304 <i>SIC-Grafito-Inox304</i>	12	Back Cover <i>Tapa Trasera</i>	Cast iron <i>Fundición</i>	21	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	13	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	22	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	14	Fan Cover <i>Tapa Ventilador</i>	Aluminum <i>Aluminio</i>	23	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
6	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	15	Fan <i>Ventilador</i>	Plastic <i>Plástico</i>	24	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
7	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45# Hierro</i>	16	Through Bolt <i>Perno</i>	Steel <i>Acero</i>	25	Counter Flange <i>Contra Bida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	17	Terminal Box <i>Caja de Bomas</i>	Aluminum <i>Aluminio</i>	26	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>
9	Wound Stator/Rotor <i>Estator / Rotor</i>	Silicon Steel/Copper <i>Acero al Silicio/Cobre</i>	18	Terminal Board <i>Tablero de Bomas</i>	Plastic <i>Plástico</i>			

Technical Data

50Hz n=2900 1/min

MODEL MODELO	Power Pot&nda		US gpm l/min m³/h	Q= DELIVERY / CAUDAL																			DN
				0	26	40	66	79	106	119	159	1B5	211	238	317	370	396	476	529	608	793	925	
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
	kw	hp		0	6	9	15	1B	24	27	36	42	48	54	72	84	90	108	120	138	1B0	210	
32-125/07 o	tt75	1		17.5	16.7	15	12	9															50x32
32-125A1 o	LI	1.5		22	21	19.7	16.5	14.5	9														50x32
32-160/15 •	IS	2		25.4	217	22.5	18.5	15.8															50x32
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30 •	3	4		35	343	34	28	25.5	19	15													50x32
32-200/30 •	3	4		44.2	43	39J	352	322	24.6	19名													50x32
32-200/40 •	4	5.5		54.5	52	50	45.5	41.9	35	303													50x32
32-250/55 •	5.5	7.5		60	59.5	59	55	51	34.5														50x32
32-250/75 •	7.5	10		69.5	69	68.5	66	63	S3														50x32
32-250/110 •	11	15		90	89.5	89	82	79	66														50x32
32-250/55D o	5.5	7.5		79.5	74.7	71J	63	56	37.5														50x32
32-250/7 5D°	7.5	10		95	93	91	83	76	57^														50x32
40-125/11 o	LI	1.5		14.7				13.5	1L5	10.1	5^												65x40
40-125/15 o	L5	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22 o	22	3		24.5				23.2	215	202	16	13	83										65x40
40-160/30 •	3	4		31.8				29.5	27.5	263	21.5	17.5											65x40
40-160/40 •	4	5.5		38				36	34	33	28.5	25	20.1										65x40
40-200/55 •	5.5	7.5		46				43.8	413	40.1	35	30											65x40
40-200/75 •	7.5	10		57				516	5L5	50	45	41	36.5										65x40
40-250/92 •	92	125		64				59	56.5	55	49.5	45	39JB										65x40
40-250/110 ■	11	15		72				67.5	66	63.5	57.5	522	47										65x40
40-250/150 •	15	20		84.5				80	773	752	71	65	61										65x40
50-125/22 •	22	3		17							15.4	14	12名	1L5	6.5								65x50
50-125/30 •	3	4		20							18 <8	18	17	15.6	11								65x50
50-125/40 •	4	5.5		24							23.1	23	21.5	203	15.8	11.8							65x50
50-160/55 •	5.5	7.5		32							30.6	30	28	26.6	205	14J							65x50
50-160/75 •	7.5	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92 •	92	125		sas							46.8	45	43	4G9	325	26.7							65x50
50-200/110 •	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150 •	15	20		62							58	56.5	54.5	52	4<5	39	35.5						65x50
50-250/150 •	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185 •	18.5	25		79							75J	74J	74	7L5	63.5	55.5	47						65x50
50-250/220 •	22	30		89.5							86	853	84	8L5	73.5	65.5	57						65x50
65-125/40 •	4	5.5		19									173	16.8	14.5	13	11名						80x65
65-125/55 •	5.5	7.5		23									213	2tt9	19	17.5	16.7	13.7					80x65
65-125/75 •	7.5	10		27									26	25.6	243	23	22.5	20	18				80x65
65-160/92 •	92	12.5		33										3L5	30	28	27.1	24	21.5				80x65
65-160/110 •	11	15		36										M5	33	31.5	30JB	28	25.5				80x65
65-160/150 •	15	20		42										41	40	38.5	37J	35	33	29.5			80x65
65-200/150 •	15	20		45										45.5	43	41	402	36.5	34				80x65
65-200/185 •	18.5	25		52										52.3	51	49	482	44.5	42				80x65
65-200/220 •	22	30		59										59.5	58	56	55	52	49.5	44.5			80x65
65-250/220 •	22	30		64.8										64.7	62	60	58.5	S3	50				80x65
65-250/300 •	30	40		80										79.8	77.5	75.5	74.5	70	66	58			80x65
65-250/370 •	37	50		92										9a5	88.5	87	85	80.5	78	68			80x65
65-315/370 •	37	50		102										99.2	97	95	94.5	92.4	90	83			80x65
65-315/450 •	45	60		112										1092	107.7	105名	104.5	1025	100	93	66		80x65
65-315/550 •	55	75		122										1192	117.4	115.7	114.5	1125	no	103	76		80x65
65-315/750 •	75	100		141										139名	1373	135.6	134.5	1325	130	122	96	65.5	80x65
80-125/40 •	4	5.5		17									16.5	15.9	143	13.5	11.6	10	7.5				100x80
80-125/55 •	5.5	7.5		21									20.5	20	19	18	16.5	15	12.5	9.5			100x80
80-125/75 •	7.5	10		26									25	25	24.5	2i8	22.5	21.5	19.5	16.5			100x80

° =PST available • =PS available °■ PST&PS ayailab°e/disponible

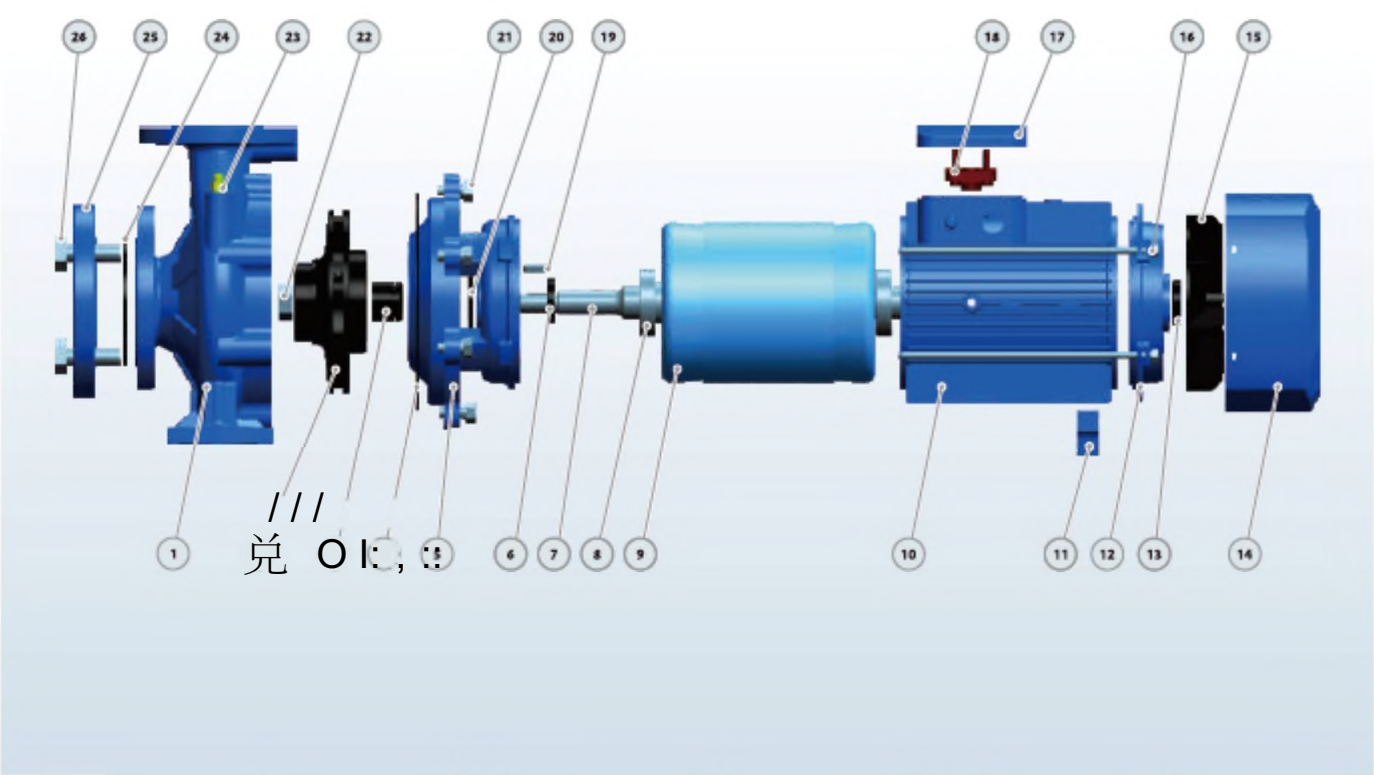
MODEL MODELO	Power		US gpm l/min m³/h	Q=DEUVERY/ CAUDAL																	DN		
	PotMcia	j		0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524		4405	
				0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333		16666	
	kw	hp		0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	mm	
80-16Q/150 •	11	15	H(m)	27	27	273	24.5	2 L1	16													100x80	
80-16Q/185 •	15	20		328	326	325	302	27	22.1	18.5	16.7												100x80
80-16Q/220 •	18.5	25		39	38.5	38	36.7	33.6	28.8	253	23.5												100x80
80-20Q/220 •	22	30		44	43.5	43	41.7	3&6	33J	303	28.5												100x80
80-20Q/300 •	22	30		48	47.7	47.5	415	392	32.5	272	24.5												100x80
80-25Q/370 •	30	40		60	59.7	59.5	57	51	47	42.7	40.5												100x80
80-25Q/450 •	37	SO		7L5	7(19	705	65.5	593	51	432	38.5												100x80
80-25Q/550 •	45	60		88	86.7	86	816	78.5	70.5	60	51												100x80
80-315/450 •	55	75		94.5	94.5	94.5	9L8	87	79.5	72.1	683												100x80
80-315/550 •	45	60		85	84	826	82	78	683	61	56												100x80
80-315/750 •	55	75		98	97	95.6	95	91	813	74	69												100x80
80-315/900 •	75	100		124	123	121.6	121	117	1073	100	95	90	808										100x80
100-16Q/150 •	15	20		144	143	141.6	141	137	1273	120	115	110	100.8										100x80
100-16Q/185 •	18.5	25		35	33.5	325	30	27<8	24.5	21.5	20	183	15										125x100
100-16Q/220 •	22	30		38.5	37.5	36.5	343	322	29	25.7	24	22	18										125x100
100-20Q/220 •	22	30		43	41	40	37.6	352	31.5	28.5	27	253	22										125x100
100-20Q/300 •	30	40		38.5	36.7	35.7	3i8	3L7	28.5	26.8	26	25	229	163	13								125x100
100-20Q/370 •	37	SO		44.5	425	42	402	3 & 8	36.7	342	33	3L7	29	2L7	18								125x100
100-2 5Q/450 •	45	60		55	53	51	5tt6	492	47	45	44	428	405	323	29								125x100
100*25Q/550 •	55	75		65	65	64	63	61	S8	56	55	533	50	39	33.5								125x100
100-25Q/750 •	75	100		77	76	75.5	75	7i8	72	71.7	71.5	70.7	69	623	59								125x100
100-315/550 •	55	75		91	91	905	89.7	88	85.5	84	833	8L5	78	7L7	68.5	48							125x100
100-315/750 •	75	100		80			79	77.4	75	74	73.5	73	713	68	66	60							125x100
100-315/900 •	90	125		100			99	97.4	95	94	93.5	93	913	88	86	80							125x100
100-315/1100 •	110	150		118			116.5	114.7	112	111	11(18	110.5	108.7	106	104	98							125x100
125-20Q/450 •	45	60		138			136.5	134.7	132	131	13(18	130.5	128.7	126	124	118							125x100
125-20Q/550 •	55	75		39J			393	392	39	38.9	38.9	38.8	37.5	35	34	2&6	25						150x125
125-20Q/750 •	75	100		49<8			493	492	49	48.9	48.9	4 & 8	47.5	45	44	38.6	35						150x125
125-25Q/550 •	55	75		608			603	602	60	59.9	59.9	59J	58.5	56	55	49.6	46						150x125
125-25Q/750 •	75	100		70			67	65	64	63	62	61	59.5	57	56	53							150x125
125-25Q/900 •	90	125	80			77	75	74	73	72	71	69<8	67.1	662	63	58.5						150x125	
125-25Q/1100 •	110	150	S7			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7						150x125	
125-315/900 •	90	125	97			94	92	91	90	89	88	87	846	83.9	80.4	76						150x125	
125-315/1100 •	110	150	89						87	86	85	817	8L5	81	77	74	61					150x125	
125-315/1320 •	132	180	103						101	100	99	97名	95.5	95	9L5	882	75.6					150x125	
125-315/1600 •	160	220	118						116	115	114	112.5	1105	1103	106.5	1032	91					150x125	
150-20Q/750 •	75	100	138						13^8	135.9	135	133.7	1315	131	127.5	12<2	112					150x125	
150-20Q/900 •	90	125	SO								48	47.9	47.6	472	46.7	46.4	40.6	3^8	252			200x150	
150-20Q/1100 •	110	150	56								54	53.9	53.6	532	527	52.4	48	428	3L2			200x150	
150-2 5Q/1100 •	110	150	652								62	6L7	6L2	608	59.8	592	572	54	46			200x150	
150-25Q/1320 •	132	180	67											642	62	60.6	55J	49<8	3i8			200x150	
150-25Q/1600 •	160	220	802											782	76.3	75	70.6	65	502	29J		200x150	
150-315/1600 •	160	220	90											8&4	87	86	82	772	624	42		200x150	
150-315/2000 •	200	270	92											90	88.3	872	82.8	76.8	6(14			200x150	
150-315/2500 •	250	340	111											lia6	10&7	107.4	103.4	982	814	622		200x150	
			135											135.4	1317	1326	12&6	123^	1102	91		200x150	

• sPS available • ■ PST&PS ayallah^e/disponible

MODEL MODELO	S	Power Potencia		US SPm l/min m³/h	Q=DEUVERY/CAUDAL																	DN		
					0	106	119	132	159	1B5	198	220	264	317	370	396	423	476	617	661	881		101	
					0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333		4166	
		kw	hp		0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200		250	mm
65-1C0/11	•	L1	1.5		8	7.5	7.4	73	7	6.6	6.3	5J	4J	3.4								80x65		
65-160/15	•	L5	2		9	&5	8.4	83	8	7.6	7.4	6.9	6	4.6								80x65		
65-160/22	•	22	3		103	9.9	9.9	9J	9.5	92	9	8.6	7J	6.5	5							80x65		
65-200/15	•	1S	2		10			9.6	9.1	8.5	&2	7.6	6.4	4.6								80x65		
65-200/22	•	22	3		124			12.2	U名	113	11	1(14	93	7.6								80x65		
65-200/30	•	3	4		14.4			14.3	13名	13.4	13.1	125	1L3	9.6	7.5							80x65		
65-250/30	•	3	4		15.4			14.6	13.9	13.1	126	1L6	9.7	6.7								80x65		
65-250/40	•	4	5.5		19			18.3	17月	172	16.9	16.1	14.4	11.7								80x65		
65-250/55	•	5.5	7.5		223			213	20.9	203	19.9	192	17.7	15.1	12							80x65		
65-315/40	•	4	5.5		1&6			17.9	173	16.7	162	152	13.3									80x65		
65-315/55	•	5.5	7.5		221				212	20.6	202	192	17.3	14								80x65		
65-315/75	•	7.5	10		26.5				25.6	252	24.9	243	23	20J	17.6							80x65		
65-315/110 •	•	11	15		3<8				342	33.9	33.7	332	321	302	27.4	25.6	23.7	18.7				80x65		
80-1fiOA5 •	•	L5	2		7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5					100x80		
80-1fi0/22	•	22	3		&5						&6	8.4	8	7.4	6.6	62	5.7	5				100x80		
80-200/30	•	3	4		1L2						11	107	lttl	92	8	73	&6					100x80		
80-200/40	•	4	5.5		13J						li8	13.6	13.3	12.4	113	107	10	9				100x80		
80-250/40	•	4	5.5		16.5						16	15.6	14.8	132	11.4	102	9					100x80		
80-250/55	*	5.5	7.5		19J						19.5	19.1	18.4	172	15.5	14.5	13.5	1L1				100x80		
80-250/75	•	7.5	10		23.6						23.5	212	225	213	19.9	19	18.1	16				100x80		
80-250/110 •	•	11	15		27.6						27.5	272	26.5	253	23.9	23	221	20	15			100x80		
80-315/55	•	5.5	7.5		19.7						19.1	18.8	18.1	16.8	15	13.9	128	lttl				100x80		
80-315/75	•	7.5	10		24.6						23.9	23.6	23	21.9	20.4	19.5	1&6	16.3				100x80		
80-315/110 •	•	11	15		29.9						29.4	292	28.8	28.1	27	263	25.5	216	16.5	13.5		100x80		
80-315/150 •	•	15	20		363						36.4	36.1	35.6	34.7	33.6	33	324	30.9	25.3	23		100x80		
80-400/185 •	•	18.5	25		403						39.7	39.5	39.1	38.4	373	36.6	35.9	M1	27.3	24.5		100x80		
80-400/220 •	•	22	30		45.1						44.6	44.5	44.2	43.6	42.6	42	4L4	39.8	33.4	30.7		100x80		
80-400/300 •	•	30	40		55.1						54.7	54.6	54.4	54	533	528	522	5(19	45.4	432		100x80		
MO-160/22 •	•	22	3		5.9						5.8	5.7	5.5	S3	5	4.9	4.6	43				125x100		
100-160/30 •	•	3	4		8.2						&1	8	7.9	7.6	73	72	6.9	6.5	5.1			125x100		
M0-160/40 •	•	4	5.5		10						10	9.9	9.7	9.4	9.1	9	&7	83	6.9	63		125x100		
100-200/40 •	•	4	5.5		1L8						1L7	1L6	1L4	11	10.5	103	9.7	9.1	6<8	S,9		125x100		
100-200/55 •	•	S.5	7.5		1<8						14.7	14.7	14.5	142	13.9	13J	13.5	13	1L1	103		125x100		
100-250/55 •	•	5.5	7.5		15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	92	7.9		125x100		
100-250/75 •	•	7.5	10		19.5						19.5	19.4	19.2	18<8	183	18.1	17.6	16.9	14	12.7		125x100		
100-250/110 •	•	11	15		243						243	242	24.1	23.7	233	23.1	227	221	19.7	18.6	11.4	125x100		
100-250/150 •	•	15	20		27J						27J	27.7	27.6	272	26.8	26.6	262	25.6	212	22.1	14.9	125x100		
100-315/150 •	•	15	20		29.9							29.7	29.5	29.1	28.8	2&6	2&1	27.5	25	24	16.8	125x100		
100-315/185 •	•	18.5	25		35							34.4	M2	33J	33.5	333	323	322	30	29	22.4	125x100		
100-315/220 •	•	22	30		37							3^8	36.7	36.4	36.1	35.9	35.5	35.1	312	32.4	26.6	125x100		
100-315/300 •	•	30	40		42							4L8	4L7	41.4	41.1	4(19	405	4ai	38.2	37.4	31.6	125x100		
100-400/300 •	•	30	40		46.4								46	46	46	46	45	44	42	40	29.6	125x100		
100-400/370 •	•	37	SO		5L8									5L3	512	51.1	51	sas	49.5	47.5	46	373	125x100	
100-400/450 •	•	45	60		57.1									56.7	56.4	56.1	56	56	55	53	52	45	32.1	125x100

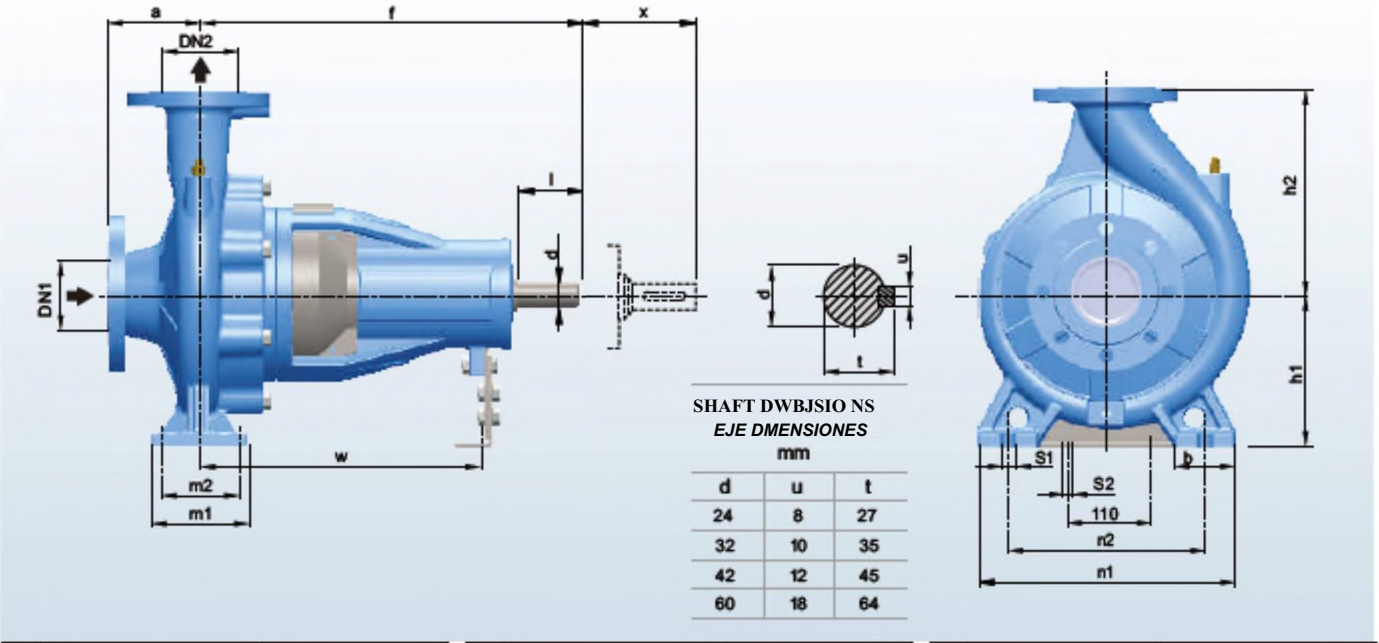
==PS4 available/disponible

Material Description



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast Iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Cheveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SIC/Carbon/SS304 SIC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empague	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Bida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Bida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			

Dimensions And Weight



No.	DMcrlptlcn DMcrlpcibn	Mated al Material	No.	Doscriptlcn DMcrlpcibn	Mat edal Material	No.	Description Dwcrlpcibn	Material
1	Ponp Case Cuerpo de Bombs	Castron FunHabn	8	Bearing Rodameroo	Bai Bearing Bds Rodamteroo	15	Impeller Key ChaietB mpulsor	Iron Hferm
2	Impeller knpulsor	SS304Caatron Incx 304JFunHo6n	9	SunxxtCase Cu&rpo Sopcrte	Caatron Fundodn	16	Cainecton Bcft Pemo	Steel Aoaro
3	Mechanical Seal Ciem MecAmco	SfC/CwtxxVSS304 SiC-Gisfto-InDx3M	10	SuppottFoot Soporte Pie	Iron f-te/ro	17	Impeller Nut lueres de Impilscr	Gdvanczated Stee^ Acero Ga^anzado
4	Onng Junta Tories	Rubber Caucho	11	FootBoK P&mo	Steel Aoaro	18	Release Valve Tapbn Cebado	Brass Bmnce
5	Comecton Conexf6n	Cast run FunHobn	12	Coup*ng(Q)tDnai) Unbn(OpoonBI)	Steel Ao&ro	19	Gasicet Empague	Ruooer Csucho
6	Shaft Eje	SS304^(45tfSteei ^Qx30r45#Hanu	13	Case CoNer Tape Cuerpo	SS304 hox304	20	COUMBT Flange Contra BndB	GahaneaiBd Cast von Fundiobn Galvamzado
7	Bea nng Cover Tape RodBmi&rao	Cast run FunHobn	14	Nameptate Letn&n	AlunnMn Abmmo	21	Range Bolt f^mo dB Brtia	Steel Ao&ro

Product Description

Technical Description

New EN733 standard centrifugal pump

Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron

Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

Using Limits

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

Standard Impeller Material

No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	10	Motor Case <i>Cuerpo de Motor</i>	Aluminum <i>Aluminio</i>	19	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulsor</i>	SS304/Cast iron <i>Inox 304/Fundición</i>	11	Support Foot <i>Soporte Pie</i>	Plastic <i>Plástico</i>	20	Water Deflector <i>Deflector</i>	Rubber <i>Caucho</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SIC/Carbon/SS304 <i>SIC-Grafito-Inox304</i>	12	Back Cover <i>Tapa Trasera</i>	Cast iron <i>Fundición</i>	21	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	13	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	22	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	14	Fan Cover <i>Tapa Ventilador</i>	Aluminum <i>Aluminio</i>	23	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
6	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	15	Fan <i>Ventilador</i>	Plastic <i>Plástico</i>	24	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
7	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45# Hierro</i>	16	Through Bolt <i>Perno</i>	Steel <i>Acero</i>	25	Counter Flange <i>Contra Bida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	17	Terminal Box <i>Caja de Bomas</i>	Aluminum <i>Aluminio</i>	26	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>
9	Wound Stator/Rotor <i>Estator / Rotor</i>	Silicon Steel/Copper <i>Acero al Silicio/Cobre</i>	18	Terminal Board <i>Tablero de Bomas</i>	Plastic <i>Plástico</i>			

Technical Data

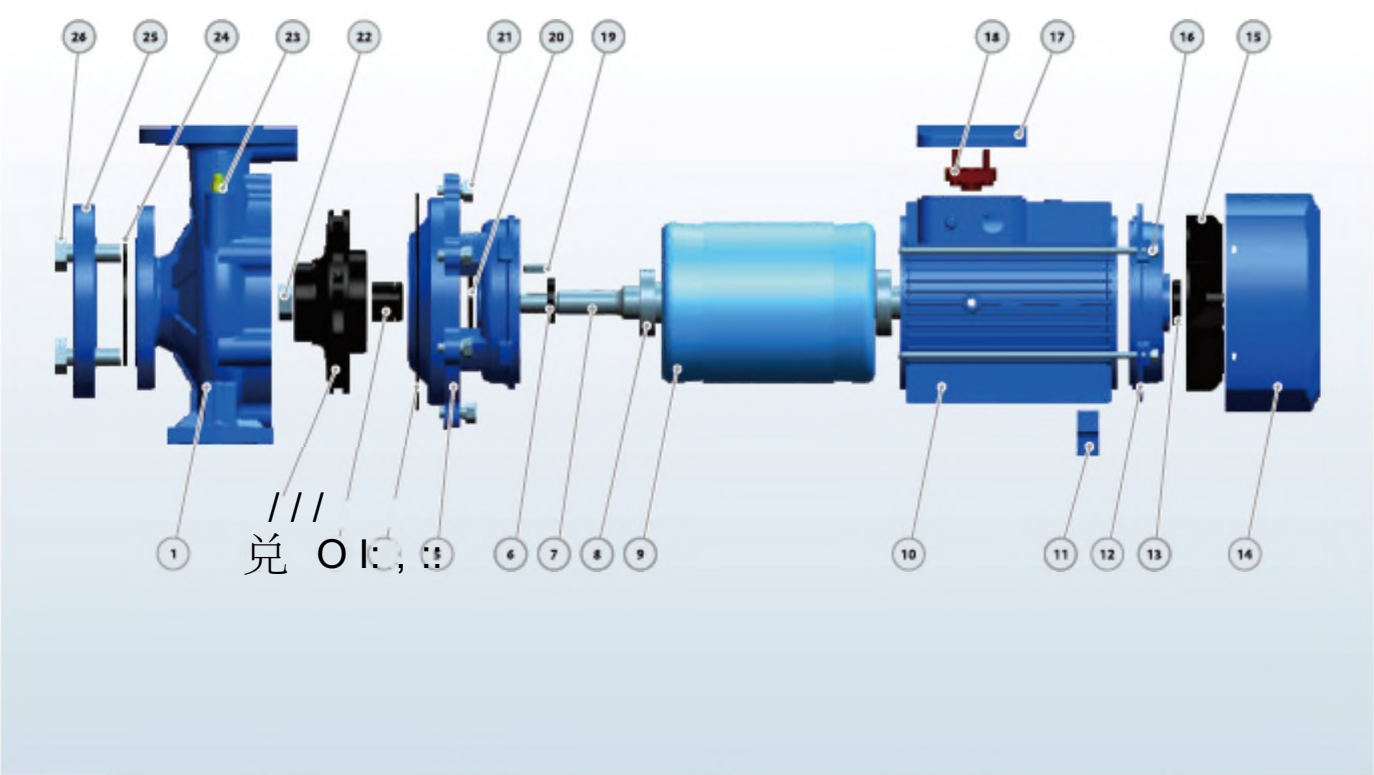
60Hz n=3500 1/min

MODEL MODELO	Power		U gpm l/min	Q= DELIVERY / CAUDAL																	DN		
	Pot&nda			0	26	40	66	79	106	119	159	1B5	211	238	317	370	396	476	529	608		793	925
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300		3000	3500
	kw	hp		m³/h	0	6	9	15	1B	24	27	36	42	48	54	72	84	90	108	120		138	1B0
32-125/07 o	1.5	1	Hfrn)	17.5	16.7	15	12	9														50x32	
32-125/11 o	1.5	1.5		22	21	19.7	16.5	14.5	9													50x32	
32-160/15 •	2	2		25.4	217	22.5	18.5	15.8														50x32	
32-160/22 •	3	3		31	29.6	28.5	24.5	22	15													50x32	
32-160/30 •	4	4		35	343	34	28	25.5	19	15												50x32	
32-200/30 •	4	4		44.2	43	39J	352	322	24.6	19名												50x32	
32-200/40 •	5.5	5.5		54.5	52	50	45.5	41.9	35	303												50x32	
32-250/55 •	7.5	7.5		60	59.5	59	55	53	49	46												50x32	
32-250/75 •	10	10		75	74.5	743	73.5	725	68.5	673	60											50x32	
32-250/110 •	15	15		90	87.5	85.8	82	79	75	72	65											50x32	
32-250/5 5D o	7.5	7.5		79.5	77	74	70	66	54	42												50x32	
32-250/7 5D o	10	10		95	93	91	87	83	75	70	32											50x32	
40-125/11 o	1.5	1.5		14.7				13.5	11.5	10.1	5^											65x40	
40-125/15 o	2	2		18.1				17	15	13.9	9.6	6										65x40	
40-125/22 o	3	3		24.5				23.2	21.5	202	16	13	83									65x40	
40-160/30 •	4	4		31.8				29.5	27.5	263	21.5	17.5										65x40	
40-160/40 •	5.5	5.5		38				36	34	33	28.5	25	20.1									65x40	
40-200/55 •	7.5	7.5		46				43.8	41.3	40.1	35	30										65x40	
40-200/75 •	10	10		57				516	51.5	50	45	41	36.5									65x40	
40-250/92 •	125	125		64				59	56.5	55	49.5	45	39JB									65x40	
40-250/110 •	15	15		78				75	73	72	67	63	56	43								65x40	
40-250/150 •	20	20		88.5				83.5	80.5	79	74	705	65	52								65x40	
50-125/22 •	3	3		17							15.4	14	12名	11.5	6.5							65x50	
50-125/30 •	4	4		20							18 <8	18	17	15.6	11							65x50	
50-125/40 •	5.5	5.5		24							23.1	23	21.5	203	15.8	11.8						65x50	
50-160/55 •	7.5	7.5		32							30.6	30	28	26.6	205	14J						65x50	
50-160/75 •	10	10		40							38	37	36	34.4	29	24	21					65x50	
50-200/92 •	125	125		sas							46.8	45	43	4G9	325	26.7						65x50	
50-200/110 •	15	15		57.5							53.5	52	50	47.5	40	34	29					65x50	
50-200/150 •	20	20		62							58	56.5	54.5	52	4<5	39	35.5					65x50	
50-250/150 •	20	20		68.5							64	63	61.5	59	50	41						65x50	
50-250/185 •	25	25		79							75J	74J	74	71.5	63.5	55.5	47					65x50	
50-250/220 •	30	30		89.5							86	853	84	81.5	73.5	65.5	57					65x50	
65-125/40 •	5.5	5.5		19									173	16.8	14.5	13	11名					80x65	
65-125/55 •	7.5	7.5		23									213	21.9	19	17.5	16.7	13.7				80x65	
65-125/75 •	10	10		27									26	25.6	243	23	22.5	20	18			80x65	
65-160/92 •	12.5	12.5		33										31.5	30	28	27.1	24	21.5			80x65	
65-160/110 •	15	15		36										M5	33	31.5	30JB	28	25.5			80x65	
65-160/150 •	20	20		42										41	40	38.5	37J	35	33	29.5		80x65	
65-200/150 •	20	20		45										45.5	43	41	402	36.5	34			80x65	
65-200/185 •	25	25	52										52.3	51	49	482	44.5	42			80x65		
65-200/220 •	30	30	59										59.5	58	56	55	52	49.5	44.5		80x65		
65-250/220 •	30	30	64.8										64.7	62	60	58.5	S3	50			80x65		
65-250/300 •	40	40	80										79.8	77.5	75.5	74.5	70	66	58		80x65		
65-250/370 •	50	50	92										9a5	88.5	87	85	80.5	78	68		80x65		
65-315/370 •	50	50	102										99.2	97	95	94.5	92.4	90	83		80x65		
65-315/450 •	60	60	112										1092	107.7	105名	104.5	1025	100	93	66	80x65		
65-315/550 •	75	75	122										1192	117.4	115.7	114.5	1125	no	103	76	80x65		
65-315/750 •	100	100	141										139名	1373	135.6	134.5	1325	130	122	96	65.5	80x65	
80-125/40 •	5.5	5.5	17										16.5	15.9	143	13.5	11.6	10	7.5			100x80	
80-125/55 •	7.5	7.5	21										20.5	20	19	18	16.5	15	12.5	9.5		100x80	
80-125/75 •	10	10	26										25	25	24.5	218	22.5	21.5	19.5	16.5		100x80	

MODEL MODELO	Power Pot/Mcia		US gpm l/min	Q=DEUVERY/ CAUDAL																	DN	
				0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524		4405
	kw	hp	m³/h	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666	
	mm	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000			
80-16<YU0	•	11	15	27	27	273	24.5	2 L1	16												100x80	
8010050	•	15	20	328	326	325	302	27	22.1	18.5	16.7										100x80	
80-160/185	•	18.5	25	39	38.5	38	36.7	33.6	28J	253	23.5										100x80	
80-160/220	•	22	30	44	43.5	43	41.7	38.6	33J	303	28.5										100x80	
80-200/220	•	22	30	48	47.7	47.5	415	392	32.5	272	24.5										100x80	
80-200/300	•	30	40	60	59.7	59.5	57	51	47	42.7	40.5										100x80	
80-250/370	•	37	SO	71.5	7(19	705	65.5	593	51	432	38.5										100x80	
80-25Q/450	•	45	60	88	86.7	86	816	78.5	70.5	60	51										100x80	
80-25Q/550	•	55	75	94.5	94.5	94.5	91.8	87	79.5	72.1	683										100x80	
80-315/450	•	45	60	85	84	826	82	78	683	61	56										100x80	
80-315/550	•	55	75	98	97	95.6	95	91	813	74	69										100x80	
80-315/750	•	75	100	124	123	121.6	121	117	1073	100	95	90	808								100x80	
80-315/900	•	90	125	144	143	141.6	141	137	1273	120	115	110	100.8								100x80	
100-16Q/150	•	15	20	35	33.5	325	30	27A	24.5	21.5	20	183	15								125x100	
100-16Q/185	•	18.5	25	38.5	37.5	36.5	343	322	29	25.7	24	22	18								125x100	
100-16Q/220	•	22	30	43	41	40	37.6	352	31.5	28.5	27	253	22								125x100	
100-20Q/220	•	22	30	38.5	36.7	35.7	318	31.7	28.5	26.8	26	25	229	163	13						125x100	
100-20Q/300	•	30	40	44.5	425	42	402	3 & 8	36.7	342	33	31.7	29	21.7	18						125x100	
100-20Q/370	•	37	SO	55	53	51	51.6	492	47	45	44	428	405	323	29						125x100	
100-2 5Q/450	•	45	60	65	65	64	63	61	58	56	55	533	50	39	33.5						125x100	
100-2 5Q/550	•	55	75	77	76	75.5	75	71.8	72	71.7	71.5	70.7	69	623	59						125x100	
100-25Q/750	•	75	100	91	91	905	89.7	88	85.5	84	833	81.5	78	71.7	68.5	48					125x100	
100-315/550	•	55	75	80			79	77.4	75	74	73.5	73	713	68	66	60					125x100	
100-315/750	•	75	100	100			99	97.4	95	94	93.5	93	913	88	86	80					125x100	
100-315/900	•	90	125	118			116.5	114.7	112	111	11(18	110.5	108.7	106	104	98					125x100	
100-315/1100	•	110	150	138			136.5	134.7	132	131	13(18	130.5	128.7	126	124	118					125x100	
125-20Q/450	•	45	60	39J			393	392	39	38.9	38.9	38.8	37.5	35	34	2&6	25				150x125	
125-20Q/550	•	55	75	49<8			493	492	49	48.9	48.9	4 & 8	47.5	45	44	38.6	35				150x125	
125-20Q/750	•	75	100	608			603	602	60	59.9	59.9	59J	58.5	56	55	49.6	46				150x125	
125-25Q/550	•	55	75	70			67	65	64	63	62	61	59.5	57	56	53					150x125	
125-25Q/750	•	75	100	80			77	75	74	73	72	71	69<8	67.1	662	63	58.5				150x125	
125-250/900	•	90	125	87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7				150x125	
125-25Q/1100	•	110	150	97			94	92	91	90	89	88	87	846	83.9	80.4	76				150x125	
125-315/900	•	90	125	89						87	86	85	817	81.5	81	77	74	61			150x125	
125-315/1100	•	110	150	103						101	100	99	97名	95.5	95	91.5	882	75.6			150x125	
125-315/1320	•	132	180	118						116	115	114	112.5	1105	1103	106.5	1032	91			150x125	
125-315/1600	•	160	220	138						13^8	135.9	135	133.7	1315	131	127.5	12<2	112			150x125	
150-20Q/750	•	75	100	50								48	47.9	47.6	472	46.7	46.4	40.6	3^8	252	200x150	
150-200/900	•	90	125	56								54	53.9	53.6	532	527	52.4	48	428	31.2	200x150	
150-20Q/1100	•	110	150	652								62	61.7	61.2	608	59.8	592	572	54	46	200x150	
150-250/1100	•	110	150	67											642	62	60.6	55]	49<8	318	200x150	
150-25Q/1320	•	132	180	802											782	76.3	75	70.6	65	502	29J	200x150
150-2 5Q/1600	•	160	220	90											8&4	87	86	82	772	624	42	200x150
150-315/1600	•	160	220	92											90	88.3	872	82.8	76.8	6(14		200x150
150-315/2000	•	200	270	111											11a6	10&7	107.4	103.4	982	814	622	200x150
150-315/2500	•	250	340	135											135.4	1317	1326	12&6	123^	1102	91	200x150

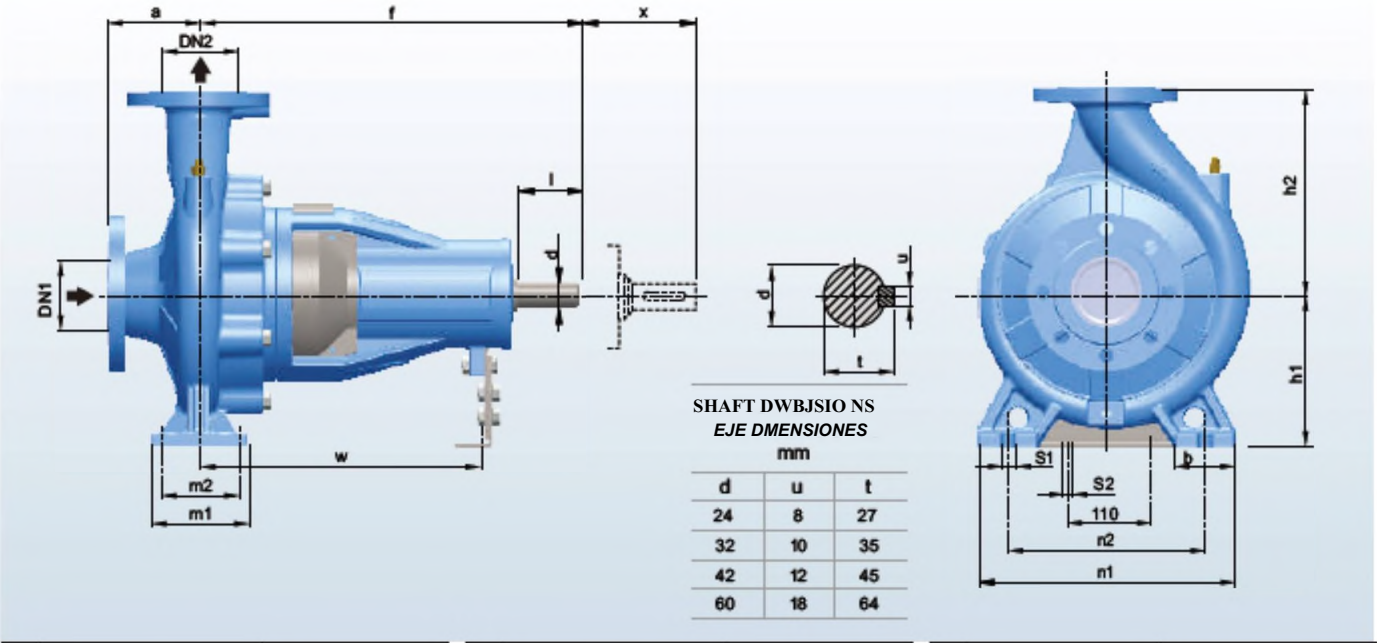
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Material Description

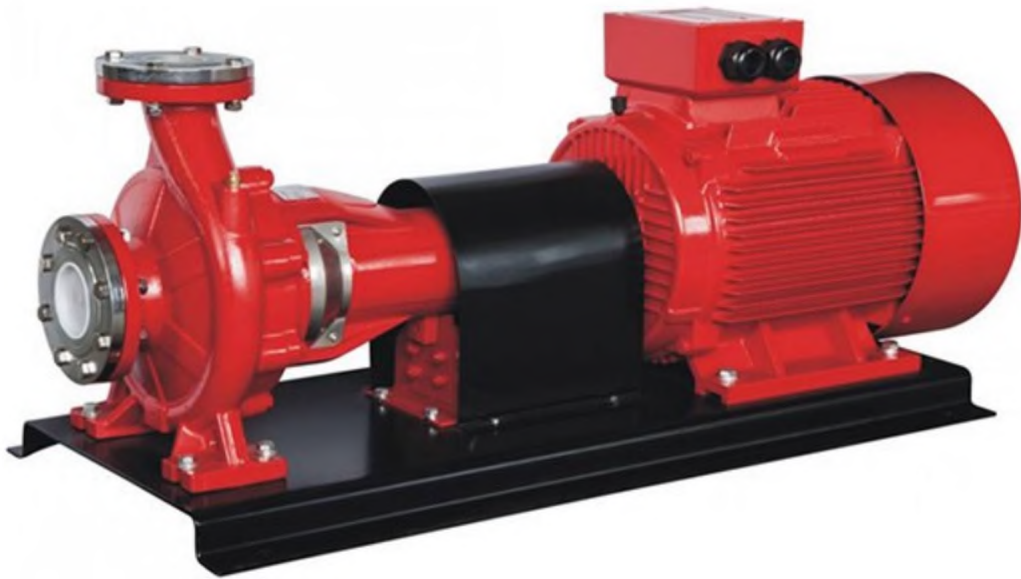


No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast Iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Cheveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SIC/Carbon/SS304 SIC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empague	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Bida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Bida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			

Dimensions And Weight



No.	DMcrlptlcn DMcrlpcibn	Mated al Material	No.	Doscriptlcn DMcrlpcibn	Mat edal Material	No.	Description Dwcrlpcibn	Material
1	Ponp Case Cuerpo de Bombs	Castron FunHabn	8	Bearing Rodameroo	Bai Bearing Bds Rodamteroo	15	Impeller Key ChaietB tnpulsor	Iron Hferm
2	Impeller knpulsor	SS3O4Caatron Incx 304JFunHo6n	9	SunxxtCase Cu&rpo Sopcrte	Caatron Fundodn	16	Cainecton Bcft Pemo	Steel Aoaro
3	Mechanical Seal Ciem MecAmco	SfC/CwtxxVSS3O4 SiC-Gisfto-InDx3M	10	SuppottFoot Soporte Pie	Iron f-te/ro	17	Impeller Nut luercs de Impilscr	Gdvanczated Stee^ Acero Ga^/anzado
4	Onng Junta Tories	Rubber Caucho	11	FootBoK P&mo	Steel Aoaro	18	Release Valve Tapbn Cebado	Brass Bmnce
5	Comecton Conexf6n	Cast run FunHobn	12	Coup*ng(Q)tDnai) Unbn(OpoonBI)	Steel Ao&ro	19	Gasicet Empague	Ruooer Csucho
6	Shaft Eje	SS3O4^(45tfSteei ^Qx30r45#Hanu	13	Case CoNer Tape Cuerpo	SS3O4 hox304	20	COUMBT Flange Contra BndB	GahaneaiBd Cast von Fundiobn Galvamzado
7	Bea nng Cover Tape RodBmi&rao	Cast run FunHobn	14	Nameptate Letn&n	AlunnMn Abmmo	21	Range Bolt f^mo dB Brtia	Steel Ao&ro



End Suction Pumps PSM

Electric Motor Driven Fire Pump for Fire Fighting Equipment

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Pump case with anti-corrosive coat
- Impeller in stainless steel AISI 304 or cast iron
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Wear resistance mechanical seal
- CE approved water pumps
- Shaft in stainless steel AISI 304 or galvanized iron

Product Description

PSM(PS+YE3)

PS
TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

Standard Impeller Material

No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon/SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel

Technical Data

50Hz n=2900 1/min

TECHICAL DATA/DATOS TECNICOS

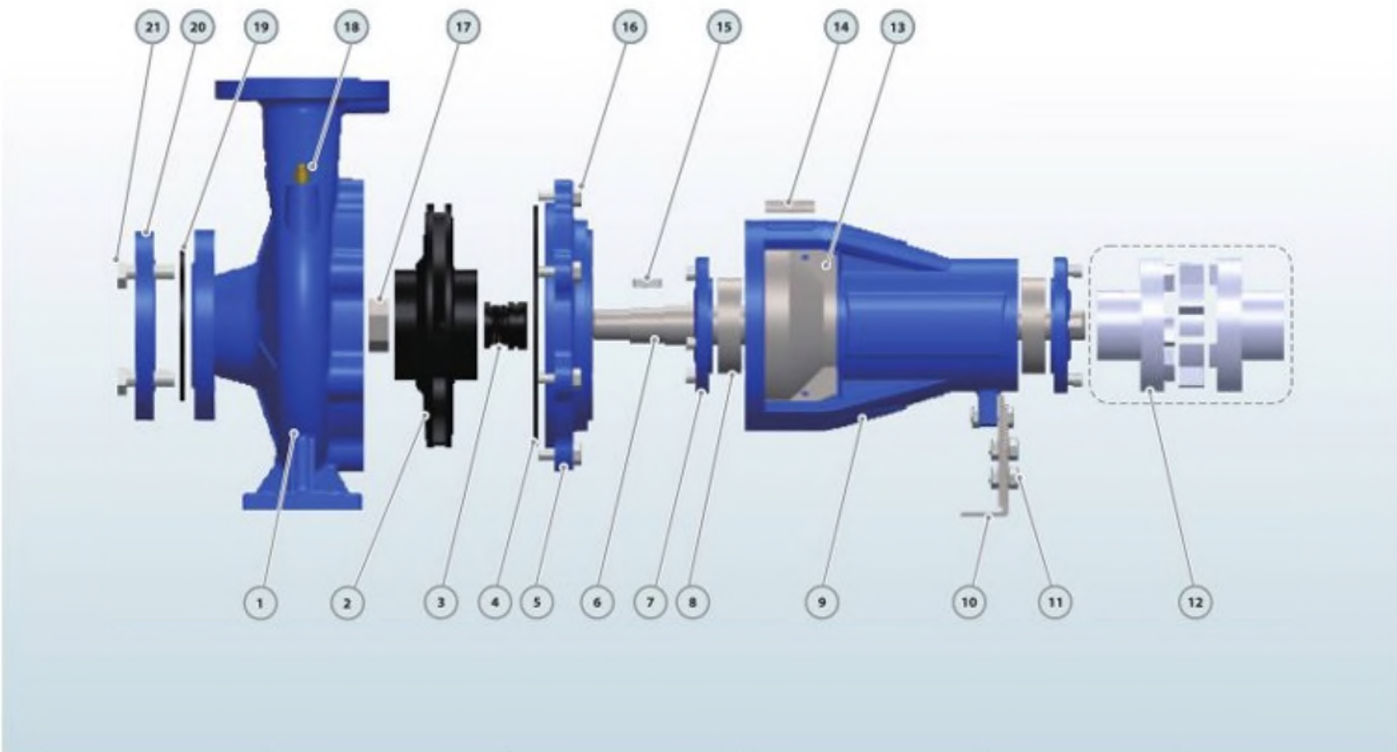
50 HZ n=2900 1/min

MODEL MODELO	Power		US GPM l/min	Q=DEUVERY / CAUDAL																		DN	
	kw	hp		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	S29	608	793		925
	ton	hp		0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180		210
32-1(0/15)	1.5	2	Head «(m)	254	23.7	22.5	18.5	15.8															50x32
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30	3	4		3S	34.3	34	28	25.S	19	15													50x32
32-200/30	3	4		44.2	43	39.8	35.2	322	24.6	19.8													50x32
32-200/40	4	5.5		545	52	50	45.5	41.9	35	30.3													50x32
S2-250/55	5.5	7.5		60	59.S	59	55	51	M.S														50x32
32-250/75	7.5	10		69.5	69	68.5	66	63	53														50x32
32-250/110	11	15		90	895	89	82	79	66														50x32
40-160/30	3	4		31.8				29.5	27.5	26.3	2LS	17.5											65x40
40.1C0/40	4	5.5		38				36	34	33	28.5	25	20.1										6Sx40
40-200/55	5.5	7.5		46				438	41.3	40.1	35	30											65x40
40-200/75	7.5	10		57				53.6	SLS	50	45	41	36.S										6Sx40
40.250/92	9.2	12.5		64				59	56.5	55	49.5	4S	39.8										6Sx40
40-250/110	11	15		72				67.5	66	63.5	57.5	52.2	47										65x40
40-250/150	15	20		84.5				80	77.3	75.2	71	6S	61										65x40
50-125/22	2.2	3		17							15.4	14	12.8	11.S	6.5								65x50
50-125/30	3	4		20							188	18	17	156	11								65x50
50-125/40	4	5.5		24							23.1	23	215	20.3	15.8	118							6SxS0
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50
50-160/75	7.5	10		40							J8	37	36	34.4	29	24	21						65x50
50-200/92	9.2	12S		50.5							46.8	45	43	40.9	32.5	26.7							65x50
50-200/110	U	15		57.5							53.5	52	50	47.5	40	34	29						65x50
50-200/150	15	20		62							58	565	54.5	52	445	39	35.5						65x50
50-250/150	1S	20		68S							64	63	61.5	59	50	41							6SxS0
50-250/185	18.5	25		79							7S.8	74.8	74	71.5	63.5	55.5	47						6Sx50
50-250/220	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57						65x50
65-125/40	4	5.5		19									17.3	16.8	14.5	13	118						80x65
C5-125/55	5.5	7.5		23									213	20.9	19	17.5	16.7	13.7					80x65
65.125/75	7.5	10		27									26	25.6	24.S	23	22.5	20	18				80x65
S5-1C0/92	9.2	125		33										315	30	28	27.1	24	215				80x65
65-160/no	11	15		37										M.5	33	31.5	30.8	28	25.5				80x65
65-160/150	1S	20		42										41	40	38.5	37.8	3S	33	29.5			80x6S
65-200/150	1S	20	45										45.5	43	41	40.2	36.5	34				80x65	
65-200/185	18.5	25	52										523	51	49	48.2	445	42				80x65	
65-200/220	22	30	59										59. S	58	56	S5	52	49.5	44.5			80x6S	
65.250/220	22	30	64.8										64.7	62	60	58.5	53	50				80x65	
65-250/300	30	40	80										79.8	77.5	75.5	74.5	70	66	58			80x65	
65-250/370	37	50	92										90.5	88.S	87	8S	80S	78	68			80x6S	
S5-315/370	37	50	102										99.2	97	95	94.5	924	90	83			80x6S	
65-315/450	45	60	112										109.2	107.7	105.8	104.5	102.5	100	93	66		80x65	
65-S15/550	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76		80x6S	
65-315/750	75	100	141										139.8	137.3	135.6	134.5	1325	130	122	%	65.5	80x6S	
80-125/40	4	5.5	17									16.5	15.9	14.3	13.5	11.6	2°					100x80	
80-125/55	5.5	7.5	21									20.5	20	19	18	16.5	15	12.5	9.5			100x80	
80-125/75	7.5	10	26									25	25	24.5	23.8	22.5	21.5	19.5	1S5			100x80	

MODEL MODCLO	Power		US gpm Vmn mVh	Q = DELIVERY / CAUDAL																DN mm		
	Kilowatt			0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643		3524	4405
	ton	hp		0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000		13333	16666
	ton	hp	mVh	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	
80-160/110	11	15	Head H00	27	27	27.3	24.5	21.1	16													100x80
80-160/150	15	20		32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100x80
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	25.3	23.5											100x80
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5											100m80
80-200/220	22	30		45	47.7	47.5	43.5	39.2	32.5	27.1	24.5											100x80
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100x80
80-250/370	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5											100x80
80-250/450	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100x80
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3											100x80
80-315/450	45	60		85	84	82.6	82	78	68.5	61	56											100x80
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100x80
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100x80
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100x80
100-160/150	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x100
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x100
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	25.3	22									125x100
100-200/220	22	30		45	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x100
100-200/300	30	40		44.5	42.5	42	40.2	38.8	34.7	34.2	33	31.7	29	21.7	18							125x100
100-200/270	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x100
100-250/450	45	60	65	65	64	63	61	58	56	55	53.3	50	39	33.5							125x100	
100-250/550	55	75	77	76	75.5	75	73.8	72	71.7	70.7	70.7	62.3	59								125x100	
100-250/750	75	100	91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48						125x100	
100-315/550	55	75	80			79	77.4	75	74	73.5	73	71.3	68	66	60						125x100	
100-315/750	75	100	100			99	97.4	95	94	93.5	93	91.3	88	86	80						125x100	
100-315/900	90	125	118			116.5	114.7	112	111	110.8	108.7	106	104	98							125x100	
100-315/1100	110	150	138			138.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x100	
125-200/450	45	60	39.8			39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25					150x125	
125-200/550	55	75	49.8			49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35					150x125	
125-200/750	75	100	60.8			60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46					150x125	
125-250/550	55	75	70			67	65	64	63	62	61	59.5	57	56	53						150x125	
125-250/750	75	100	80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5					150x125	
125-250/900	90	125	87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7					150x125	
125-250/1100	110	150	97			94	92	91	90	89	88	87	84.6	83.9	80.4	76					150x125	
125-315/900	90	125	89						87	86	85	83.7	81.5	81	77	74	61				150x125	
125-315/1100	110	150	103						101	100	99	97.8	95.5	95	91.5	88.2	75.6				150x125	
125-315/1320	132	180	118						116	115	114	112.5	110.5	110.3	106.5	103.2	91				150x125	
125-315/1600	160	220	138						136.8	135.9	135	133.7	131.5	131	127.5	124	112				150x125	
150-200/750	75	100	50								48	47.9	47.6	47.2	46.7	46.4	40.6	38.8	25.2		200x150	
150-200/900	90	125	56								54	53.9	53.6	53.2	52.7	52.4	48	42.8	31.2		200x150	
150-200/1100	110	150	65.2								62	61.7	61.2	60.8	59.8	59.2	57.2	54	46		200x150	
150-250/1100	110	150	67												64.2	62	60.6	55.8	49.8	33.8	200x150	
150-250/1320	132	180	80.2												78.2	76.3	75	70.6	65	50.2	29.8	200x150
150-250/1600	160	220	90												88.4	87	86	82	77.2	62.4	42	200x150
150-315/1600	160	220	92												90	88.3	87.2	82.8	78.8	60.4		200x150
150-315/2000	200	270	111												110.6	108.7	107.4	103.4	98.2	83.4	62.2	200x150
150-315/2500	250	340	135												135.4	133.7	132.6	128.6	123.8	110.2	91	200x150

Material Description

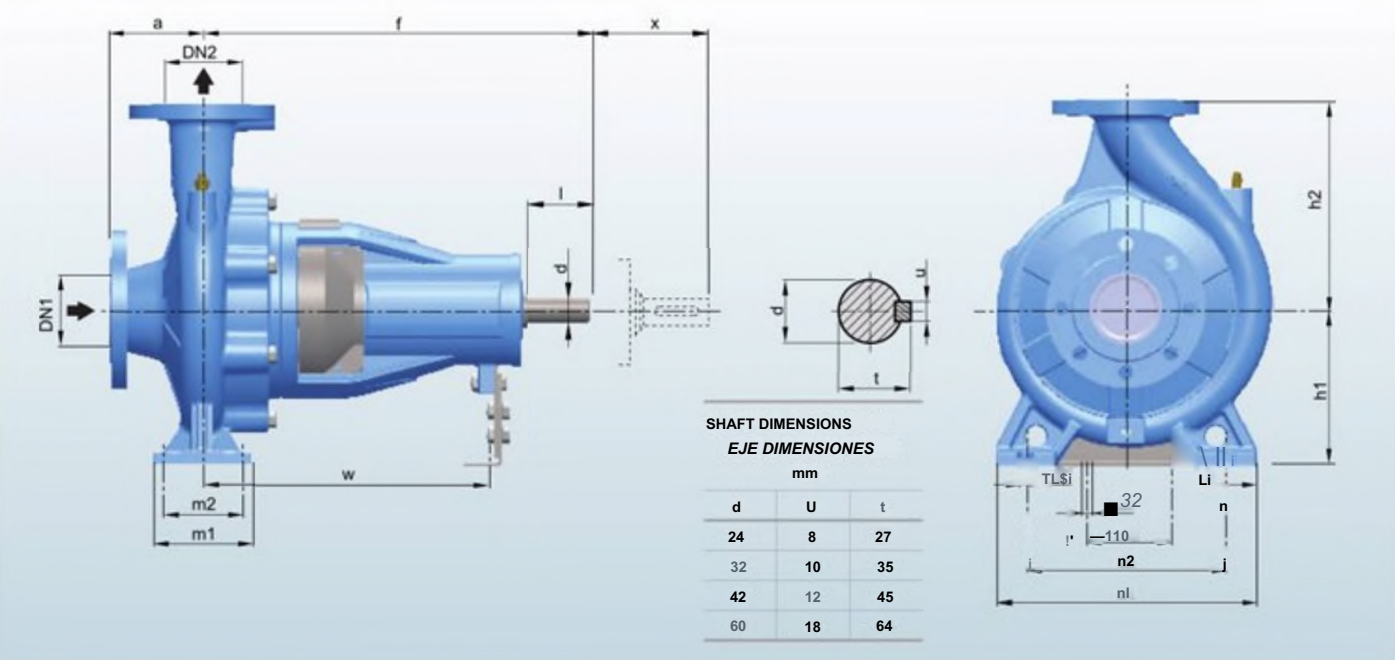
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			

Dimensions And Weight

DIMENSIONS AND WEIGHT / DIMENSIONED YPESOS



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon/SS304	10	Support Foot	Iron	17	In4) eller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel

Product Description

PSM(PS+YE3)

PS

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump

Original design by PURITY (patented)

Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating

Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron

Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

Technical Data

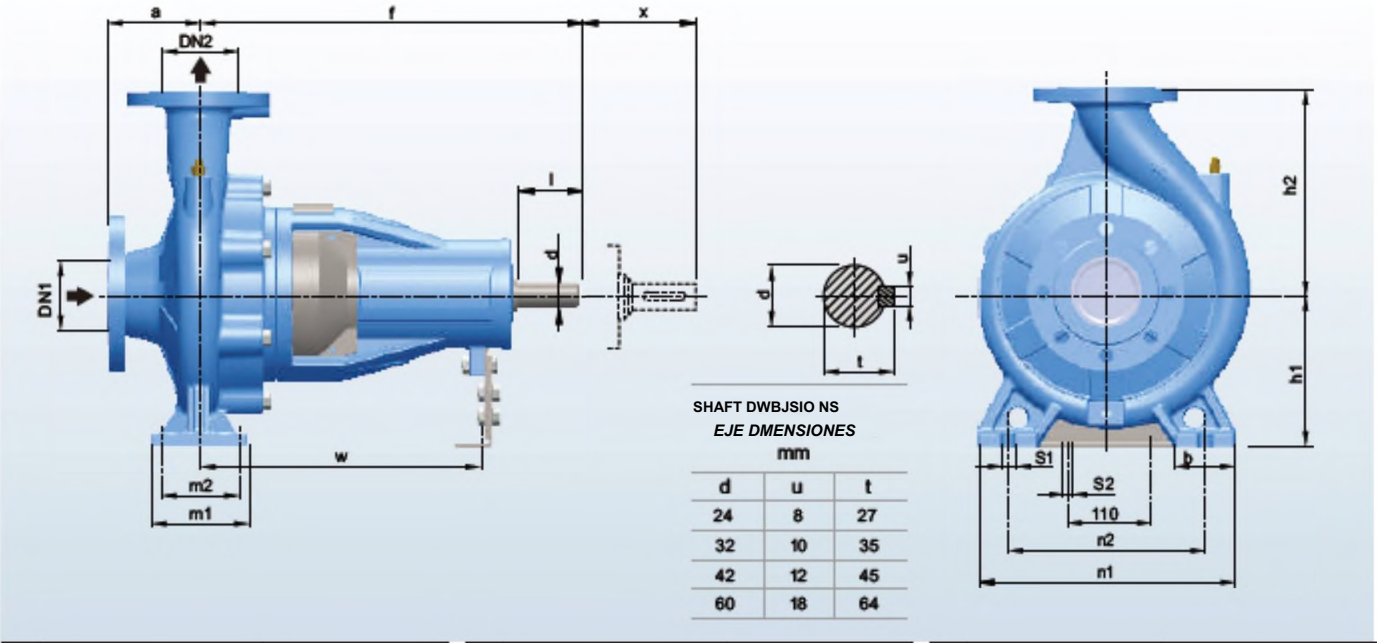
60Hz n=3500 1/min

MODEL MODELO	DIMENSIONS / DIMENSIONES mm																							
	A	AA	AB	AC	AD	AG	B	BB	C	D	DH		E	EB	ED	F	G	GA	H	HA	K	KK	L	LD
80	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	25	6	15.5	2L5	80	10	4-^10	1-M25X15	304	119	102
90S	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-0>10	1-M25XLS	336	143	102
90L	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-0»10	1-M25XL5	361	143	102
100L	160	40	200	205.4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4-012	1-M32XL5	406	147	102
112M	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4-012	2-M 32X15	394	147	110
132S	216	55	265	25&4	203	118	140	186	89	38	M12X28	80	65	5	10	33	41	132	18	4-<W2	2-M32XL5	438	172	110
132M	216	55	26S	25&4	203	118	178	224	89	38	M12X28	80	65	75	10	33	41	132	18	4-012	2-M32X15	476	172	110
16OM	254	65	314	314	2S1	162	210	260	108	42	M16X36	110	90	75	12	37	45	160	20	4-0>14.5	2-M40XL5	608	256	1S2
16OL	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	4-0>14.5	2-M40XL5	652	256	152
18OM	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	425	515	180	22	4-014.5	2-M40XL5	638	271	152
18OL	279	70	349	3S5	267	162	279	349	121	48	M16X36	110	90	10	14	425	5L5	180	22	44>14.5	2-M40XL5	726	271	152
200L	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	10	16	49	59	200	25	40>18.5	2-M50XL5	779	296	190
225S	3S6	75	431	446	322	210	286	368	149	60	M20X42	140	125	5	18	53	64	225	28	40>18.S	2-M5OXL5	824	329	190
22SM	3S6	75	431	446	322	210	311	393	149	55	M20X42	110	100	75	16	49	59	225	28	4018.5	2-M5OX15	819	299	190
2 SOM	406	80	484	485	3S8	248	349	445	168	60	M20X42	140	125	75	18	S3	64	250	30	4-<P24	2-M63XL5	910	347	218
2 80S	457	85	542	S47	387	248	48S	190	65	M20X42	140	US	7.5	18	S8	69	280	35	4024	2-M63XL5	982	355.5	218	
28OM	4S7	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4024	2-M63X15	1033	355.5	218
315S	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-028	2-M63XL5	1194	397	280
315M	S08	120	628	620	S27	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-028	2-M63XL5	1304	397	280
31SL	S08	120	628	620	527	320	508	680	216	6S	M20X42	140	125	7.5	18	S8	69	315	45	4-028	2-M63XL5	1304	397	280
3SSM	610	116	726	698	642	380	560	750	2S4	75	M20X42	140	130	S	20	67.5	79.5	355	52	6-O28	2-M63XL 5	1486	414	3^0
3SSL	610	116	726	698	642	380	630	750	254	75	M20X42	140	130	5	20	675	79.5	355	52	6-028	2M63XL5	1486	414	330

The image contains two sets of technical drawings for electric motors. The left set is for model 80-132 and the right set is for model 160-355. Each set includes a front view, a side view, and a top view. Dimensions are labeled with letters and numbers. The front view shows the motor's length (L), width (B), and height (AC). The side view shows the motor's width (A), height (AD), and mounting feet (K). The top view shows the motor's length (L), width (B), and mounting feet (K). The top view also shows the motor's terminal box (AG) and its dimensions (GA, DH, GA, DH).

細目 HHODELO	DIMENSIONS / DIMENSIONES mm																							
	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	O	OA	H	HA	K	KK	L	LD	LL
80	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	25	6	15.5	2L5	80	10	4-010	1-M25XL5	304	119	102
90S	140	36	176	1824	1545	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-0W	1-W25XL5	336	143	102
90L	140	36	176	1824	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-O>J0	1-M25XL5	361	143	102
IDOL	160	40	200	205.4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	44>i2	1-M32XL5	406	147	102
112M	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4-012	2-M32XL5	394	147	no
132S	216	55	265	258.4	203	118	140	186	89	3&	M12X28	80	65	5	10	33	41	132	18	44>i2	2-M32X15	438	172	110
132M	216	55	265	258.4	203	118	178	224	89	38	M12X28	80	65	75	10	33	41	132	18	4-012	2-M32XL5	476	172	no
160M	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	75	12	37	45	160	20	4-0145	2-M40XL5	608	256	152
160L	254	65	314	314	251	162	254	304	108	42	MI 6X36	no	90	10	12	37	45	160	20	4-014.5	2-M40XL5	652	256	152
1A0M	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	515	180	22	4-0145	2-M40XL5	688	271	152
ISOL	279	70	349	355	267	162	279	349	121	48	MI 6X36	no	90	10	14	425	5L5	180	22	4-014.5	2-M40XL5	726	271	152
200L	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	10	16	49	59	200	25	4-O185	2-M50DCL5	779	296	190
225S	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	5	18	S3	64	225	28	4-0185	2-M50XL5	824	329	190
225M	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	75	16	49	59	225	28	4-O185	2-M50DCL5	819	299	190
250M	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	75	18	S3	64	250	30	4-0>24	2-M63XL5	910	347	218
280S	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	75	18	58	69	280	35	4-O24	2-M63XL5	982	355.5	218
280M	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	75	18	58	69	280	35	4-O24	2-M63XL5	1033	355.5	218
315S	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	75	18	58	69	315	45	4-O28	2-M63XL5	1194	397	280
315M	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	75	18	58	69	315	45	4-028	2-M63XL5	1304	397	280
315L	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	75	18	58	69	315	45	4-O28	2-M63XL5	1304	397	280
355M	610	116	726	698	642	380	560	750	254	75	M20X42	140	130	5	20	67.5	795	355	52	6-028	2-M63XL5	1486	414	330
355L	610	116	726	698	642	380	630	750	254	75	M20X42	140	130	5	20	675	795	355	52	6-028	2-M63XL5	1486	414	330

Dimensions And Weight



No.	DMcrlptlcn DMcrlpcibn	Mated al Material	No.	Doscriptlcn DMcrlpcibn	Mat edal Material	No.	Description Dwcrpcibn	Material
1	Ponp Case Cuerpo de Bombs	Castron FunHabn	8	Bearing Rodameroo	Bai Bearing Bds Rodamteroo	15	Impeller Key ChaletB mpulsor	Iron Hterm
2	Impeller knpulsor	SS304Caatron Incx 304JFunHo6n	9	SunxxtCase Cu&rpo Sopcrte	Caatron Fundodn	16	Calnectori Bcft Pemo	Steel Aoaro
3	Mechanical Seal Ciem MecAmco	SfC/CwtxxVSS304 SiC-Gisfto-InDx3M	10	SuppottFoot Soporte Pie	Iron f-te/ro	17	Impeller Nut lueres de Impilscr	Gdvanczated Stee^ Acero Ga^anzado
4	Onng Junta Tories	Rubber Caucho	11	FootBoK P&mo	Steel Aoaro	18	Retease Valve Tapbn Cebado	Brass Bmnce
5	Comecton Conexf6n	Cast run FunHobn	12	Coup*ng(Q) tDnai Unbn(OpoonBI)	Steel Ao&ro	19	Gasicet Empague	Ruooer Csucho
6	Shaft Eje	SS304^ (45tfSteel ^Qx30r45#Hanu	13	Case CoNer Tape Cuerpo	SS304 hox304	20	COUMst Flange Contra BndB	GahaneaiBd Cast von Fundiobn Galvamzado
7	Bea nng Cover Tape RodBmi&rao	Cast run FunHobn	14	Nameptate Letn&n	AlunnMn Abmmo	21	Range Bolt f^mo dB Brtia	Steel Ao&ro



End Suction Pumps PST

Horizontal Electric Centrifugal Vortex Pumps for water supply and fire fighting system

TECHNICAL DATA

- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in **stainless steel AISI 304** or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Quality **NSK** bearing, wear resistance mechanical seal

Product Description



PST End Suction Pump Series-- for Industrial and Fire Application

APPLICATION

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

ADVANTAGES

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available

- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in **stainless steel AISI 304** or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality **NSK** bearing, wear resistance mechanical seal

DETAIL DESCRIPTION

r^PURITY 曾好特

PURITY

DETAILS DESCRIPTION



MOISTURE-PROOF HIGH EFFICIENCY



PURE COPPER



SS304 SHAFT



RUST PREVENTION



NSK
-JAPAN BRAND



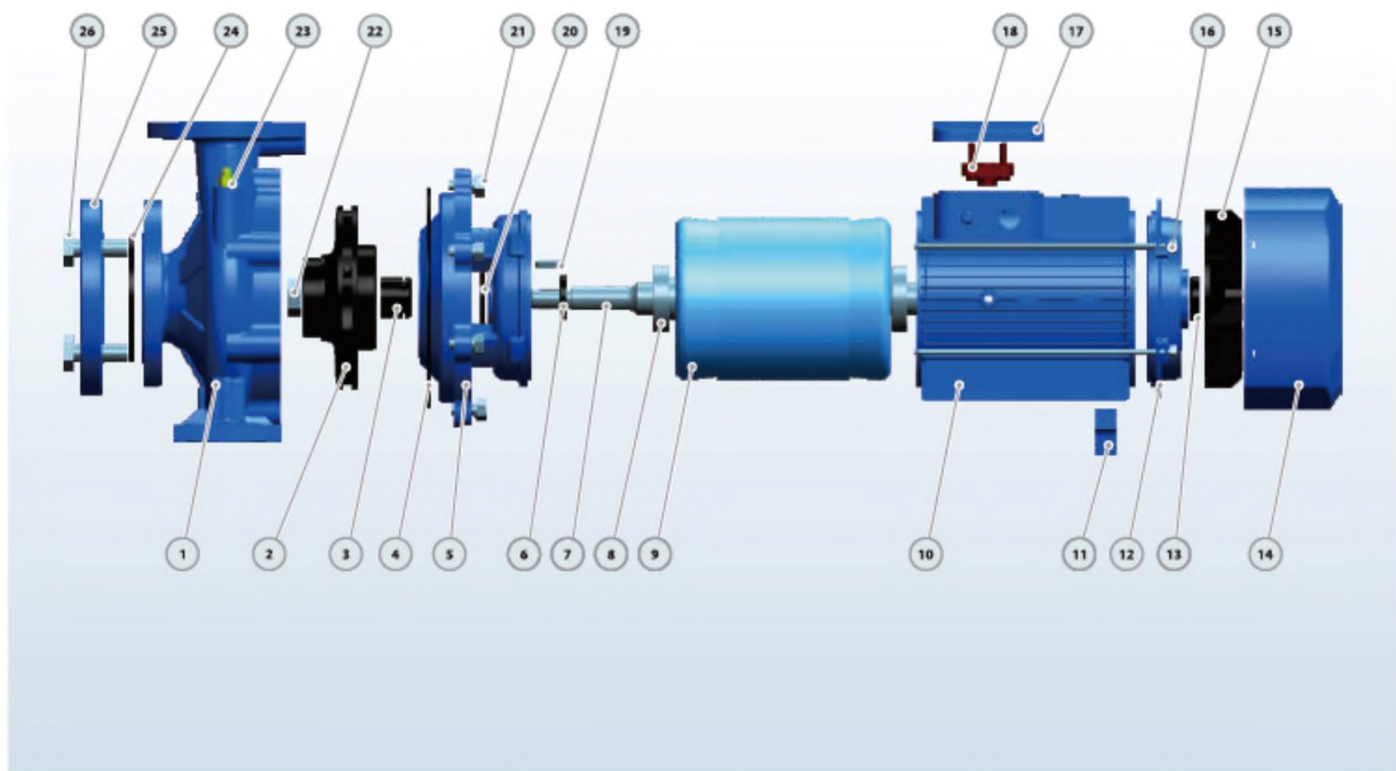
PRECISION
-MACHINING



HOT AND COLD
WATER UNIVERSAL







No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	10	Motor Case <i>Cuerpo de Motor</i>	Aluminum <i>Aluminio</i>	19	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulsor</i>	SS304/Cast iron <i>Inox 304/Fundición</i>	11	Support Foot <i>Soporte Pie</i>	Plastic <i>Plástico</i>	20	Water Deflector <i>Deflector</i>	Rubber <i>Caucho</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carbon/SS304 <i>SiC-Grafito-Inox304</i>	12	Back Cover <i>Tapa Trasera</i>	Cast iron <i>Fundición</i>	21	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	13	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	22	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	14	Fan Cover <i>Tapa Ventilador</i>	Aluminum <i>Aluminio</i>	23	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
6	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	15	Fan <i>Ventilador</i>	Plastic <i>Plástico</i>	24	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
7	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45# Hierro</i>	16	Through Bolt <i>Perno</i>	Steel <i>Acero</i>	25	Counter Flange <i>Contra Bida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	17	Terminal Box <i>Caja de Bomas</i>	Aluminum <i>Aluminio</i>	26	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>
9	Wound Stator/Rotor <i>Estator / Rotor</i>	Silicon Steel/Copper <i>Acero al Silicio/Cobre</i>	18	Terminal Board <i>Tablero de Bomas</i>	Plastic <i>Plástico</i>			

MODEL DESCRIPTION

Model description

PST 32 - 160 / 30

T T T T

Rated Power(1/10kw)

Impeller Nominal diameter(mm)

Outlet diameter(mm)

Standard Centrifugal Pumps



TECHNICAL DATA

MODEL MODELO	Tower Potencia		US gpm l/min	Q= DELIVERY/ CAUDAL																		DN	
				0	26	40	66	79	106	119	159	18S	211	238	317	370	396	476	529	608	793		925
	0	100	150	250	300	400	400	600	700	800	900	1200	1400	1500	1800	2000	2100	1000	3500				
	kw	hp	ir ³ /h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	118	180		210
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9														50x32	
32-125/11	LI	15		22	21	19.7	165	145	9													50x32	
32-160/1S	L5	2		25.4	23.7	22.5	18.5	153														50x32	
32-160/22	22	3		31	29.6	28.5	24.5	22	15													50x32	
32-160/30	3	4		35	343	34	28	255	19	15												50x32	
32-200/30	3	4		44.2	43	393	352	322	24.6	193													50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	303													50x32
32-250/55	55	75		60	595	59	55	51	343														50x32
32-250/75	75	10		695	69	68.5	66	63	53														50x32
32-250/110	11	15		90	89.5	89	82	79	66														50x32
32-250/5 SDG	55	75		79.5	74.7	713	63	56	375														50x32
32-250/7 SDO	75	10		95	93	91	83	76	573														50x32
40-125/11	1A	15		14.7				135	115	10.1	53												65x40
40-125/15	L5	2		18.1				17	15	13.9	9.6	6											65x40
40-125/22	22	3		24.5				232	213	202	16	13	R3										65x40
40-160/30	3	4		31.8				29.5	275	263	215	175											65x40
40-160/40	4	55		38				36	34	33	28.5	25	20.1										65x40
40-200/55	55	75		46				433	413	40.1	35	30											65x40
40-200/75	75	10		57				53.6	51.5	50	45	41	38.5										65x40
40-250/92	92	12.5		64				59	56.5	55	495	45	39.8										65x40
40-250/110	11	15		72				675	66	63.5	575	522	47										65x40
40-250/150*	15	20		84.5				80	773	752	71	65	61										65x40
50-U5/22	22	3		17							15.4	14	128	11.5	6.5								65x50
50-U5/30	3	4		20							183	18	17	15.6	11								65x50
50-125/40	4	55		24							231	23	215	20.3	153	11E							65x50
50-160/55	55	75		32							30.6	30	28	26.6	205	143							65x50
50-160/75	75	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92	92	125		50.5							463	45	43	40.9	323	26.7							65x50
50-200/110	11	15		57.5							535	52	50	47.5	40	34	29						65x50
50-200/150*	15	20		62							58	565	545	52	44.5	39	35.5						65x50
50-250/150	15	20		68.5							64	63	61.5	59	50	41							65x50
50-250/185	18.5	25		79							753	743	74	71.5	635	555	47						65x50
50-250/220	22	30		89.5							86	853	84	81.5	735	65.5	57						65x50
65-125/40	4	53		19									17.3	16.8	145	13	113						80x65
65-125/55	55	75		23									213	20.9	19	175	16.7	13.7					80x65
65-125/75	75	10		27									26	25.6	245	23	22.5	20	18				a0x65
65-160/92	92	12.5		33										31.5	30	28	27.1	24	215				80x65
65-160/110	11	15		36										34.5	33	315	303	28	25.5				80x65
6S-160/150	15	20		42										41	40	385	373	35	33	29.5			80x65
65-200/150	15	20		45										45.5	43	41	402	36.5	34				80x65
6S-200A85	18.5	25	52										52.3	51	49	432	44.5	42				80x65	
65-200/220	22	30	59										59.5	58	56	55	52	49.5	44.5			a0x65	
65-250/220	22	30	64.8										64.7	62	60	58.5	53	50				80x65	
65-250/300	30	40	80										79.8	773	755	74.5	70	66	58			a0x65	
6S-250/370	37	50	92										90.5	88.5	87	85	80.5	78	68			S0x65	
65-315/370	37	50	102										99.2	97	95	94.5	92.4	90	83			80x65	
6S-315/450	45	60	112										109.2	107.7	1053	104.5	102.5	100	93	66		a0x65	
65-315/550	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-315/750	75	100	141										1393	1373	135.6	1345	1325	130	122	%	655	S0x65	
d0-125/40	4	55	17									18.5	15.9	143	135	11.6	10	7.5				100x80	
80-125/55	55	75	21									2as	20	19	18	16.5	15	125	9.5			100x80	
80-125/75	75	10	26										25	25	245	233	22.5	213	145	16.5		100x80	

°= PST available ° =PS available ° =PST&PS available/d/spón/b/e

Product Description



PST End Suction Pump Series-- for Industrial and Fire Application

APPLICATION

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

ADVANTAGES

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available

- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in **stainless steel AISI 304** or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality **NSK** bearing, wear resistance mechanical seal

DETAIL DESCRIPTION

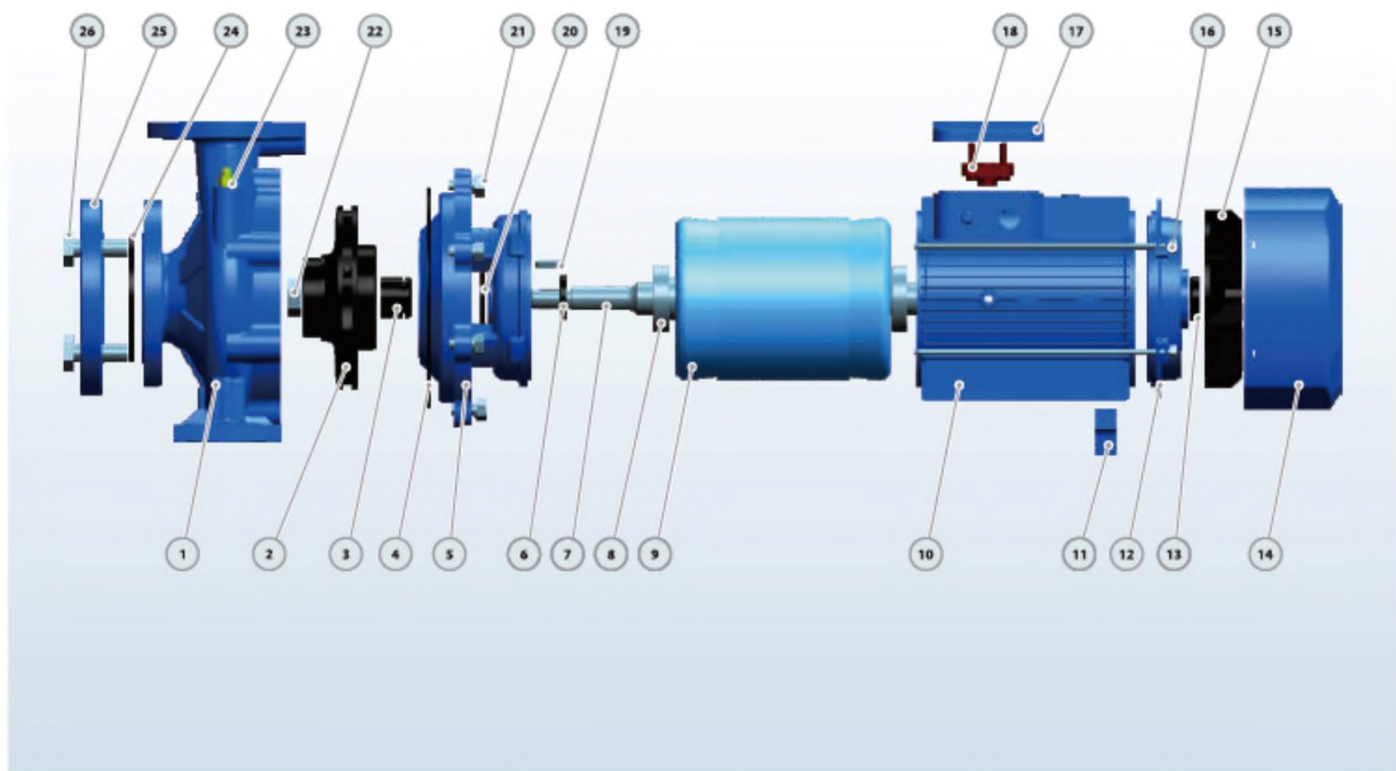


PURITY

DETAILS DESCRIPTION

 MOISTURE-PROOF HIGH EFFICIENCY	 PURE COPPER	 SS304 SHAFT
 RUST PREVENTION	 NSK -JAPAN BRAND	 PRECISION -MACHINING
 HOT AND COLD WATER UNIVERSAL		





No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>	No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Pump Case <i>Cuerpo de Bomba</i>	Cast iron <i>Fundición</i>	10	Motor Case <i>Cuerpo de Motor</i>	Aluminum <i>Aluminio</i>	19	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
2	Impeller <i>Impulsor</i>	SS304/Cast iron <i>Inox 304/Fundición</i>	11	Support Foot <i>Soporte Pie</i>	Plastic <i>Plástico</i>	20	Water Deflector <i>Deflector</i>	Rubber <i>Caucho</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carbon/SS304 <i>SiC-Grafito-Inox304</i>	12	Back Cover <i>Tapa Trasera</i>	Cast iron <i>Fundición</i>	21	Connection Bolt <i>Perno</i>	Steel <i>Acero</i>
4	O-ring <i>Junta Tórica</i>	Rubber <i>Caucho</i>	13	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	22	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	14	Fan Cover <i>Tapa Ventilador</i>	Aluminum <i>Aluminio</i>	23	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
6	Reinforced Seal <i>Sello Reforzado</i>	Rubber <i>Caucho</i>	15	Fan <i>Ventilador</i>	Plastic <i>Plástico</i>	24	Gasket <i>Empaque</i>	Rubber <i>Caucho</i>
7	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45# Hierro</i>	16	Through Bolt <i>Perno</i>	Steel <i>Acero</i>	25	Counter Flange <i>Contra Bida</i>	Galvanized Cast iron <i>Fundición Galvanizado</i>
8	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	17	Terminal Box <i>Caja de Bomas</i>	Aluminum <i>Aluminio</i>	26	Flange Bolt <i>Perno de Bida</i>	Steel <i>Acero</i>
9	Wound Stator/Rotor <i>Estator / Rotor</i>	Silicon Steel/Copper <i>Acero al Silicio/Cobre</i>	18	Terminal Board <i>Tablero de Bomas</i>	Plastic <i>Plástico</i>			

MODEL DESCRIPTION

Model description

PST 32 - 160 / 30

T T T T

Rated Power(1/10kw)

Impeller Nominal diameter(mm)

Outlet diameter(mm)

Standard Centrifugal Pumps



TECHNICAL DATA

MODEL MODELO	Tower Potencia		US gpm l/min	Q= DELIVERY/ CAUDAL																		DN		
				0	26	40	66	79	106	119	159	18S	211	238	317	370	396	476	529	608	793		925	
	0	100		150	250	300	400	400	600	700	800	900	1200	1400	1500	1800	2000	2100	1000	3500				
	kw	hp		ir ³ /h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	118		180	210
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9															50x32	
32-125/11	1	15		22	21	19.7	165	145	9														50x32	
32-160/1S	L5	2		25.4	23.7	22.5	18.5	153															50x32	
32-160/22	22	3		31	29.6	28.5	24.5	22	15														50x32	
32-160/30	3	4		35	343	34	28	255	19	15													50x32	
32-200/30	3	4		44.2	43	393	352	322	24.6	193														50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	303														50x32
32-250/55	55	75		60	595	59	55	51	343															50x32
32-250/75	75	10		695	69	68.5	66	63	53															50x32
32-250/110	11	15		90	89.5	89	82	79	66															50x32
32-250/5 SDG	55	75		79.5	74.7	713	63	56	375															50x32
32-250/7 SDO	75	10		95	93	91	83	76	573															50x32
40-125/11	1A	15		14.7				135	115	10.1	53													65x40
40-125/15	L5	2		18.1				17	15	13.9	9.6	6												65x40
40-125/22	22	3		24.5				232	213	202	16	13	R3											65x40
40-160/30	3	4		31.8				29.5	275	263	215	175												65x40
40-160/40	4	55		38				36	34	33	28.5	25	20.1											65x40
40-200/55	55	75		46				433	413	40.1	35	30												65x40
40-200/75	75	10		57				53.6	51.5	50	45	41	38.5											65x40
40-250/92	92	12.5		64				59	56.5	55	495	45	39.8											65x40
40-250/110	11	15		72				675	66	63.5	575	522	47											65x40
40-250/150*	15	20		84.5				80	773	752	71	65	61											65x40
50-U5/22	22	3		17							15.4	14	128	11.5	6.5									65x50
50-U5/30	3	4		20							183	18	17	15.6	11									65x50
50-125/40	4	55		24							231	23	215	20.3	153	11E								65x50
50-160/55	55	75		32							30.6	30	28	26.6	205	143								65x50
50-160/75	75	10		40							38	37	36	34.4	29	24	21							65x50
50-200/92	92	125		50.5							463	45	43	40.9	323	26.7								65x50
50-200/110	11	15		57.5							535	52	50	47.5	40	34	29							65x50
50-200/150*	15	20		62							58	565	545	52	44.5	39	35.5							65x50
50-250/150	15	20		68.5							64	63	61.5	59	50	41								65x50
50-250/185	18.5	25		79							753	743	74	71.5	635	555	47							65x50
50-250/220	22	30		89.5							86	853	84	81.5	735	65.5	57							65x50
65-125/40	4	53		19									17.3	16.8	145	13	113							80x65
65-125/55	55	75		23									213	20.9	19	175	16.7	13.7						80x65
65-125/75	75	10		27									26	25.6	245	23	22.5	20	18					a0x65
65-160/92	92	12.5		33										31.5	30	28	27.1	24	215					80x65
65-160/110	11	15		36										34.5	33	315	303	28	25.5					80x65
6S-160/150	15	20		42										41	40	385	373	35	33	29.5				80x65
65-200/150	15	20		45										45.5	43	41	402	36.5	34					80x65
6S-200A85	18.5	25	52										52.3	51	49	432	44.5	42					80x65	
65-200/220	22	30	59										59.5	58	56	55	52	49.5	44.5				a0x65	
65-250/220	22	30	64.8										64.7	62	60	58.5	53	50					80x65	
65-250/300	30	40	80										79.8	773	755	74.5	70	66	58				a0x65	
6S-250/370	37	50	92										90.5	88.5	87	85	80.5	78	68				S0x65	
65-315/370	37	50	102										99.2	97	95	94.5	92.4	90	83				80x65	
6S-315/450	45	60	112										109.2	107.7	1053	104.5	102.5	100	93	66			a0x65	
65-315/550	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76			80x65	
65-315/750	75	100	141										1393	1373	135.6	1345	1325	130	122	%	655		S0x65	
d0-125/40	4	55	17										18.5	15.9	143	135	11.6	10	7.5				100x80	
80-125/55	55	75	21										2as	20	19	18	16.5	15	125	9.5			100x80	
80-125/75	75	10	26										25	25	245	233	22.5	213	145	16.5			100x80	

°= PST available ° =PS available ° =PST&PS available/d/spón/b/e



End Suction Pumps PSTF

[PST] Centrifugal Pump with Control Panel for Fire Fighting

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
 - Original design by PURITY (patented)
 - Both square motor & round motor available
 - YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
 - Shaft in stainless steel AISI 304 or galvanized iron
 - Galvanized counter flange with bolts, nuts and gaskets
 - Quality NSK bearing, wear resistance mechanical seal

Product Description

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS
1/min

50Hz n=2900

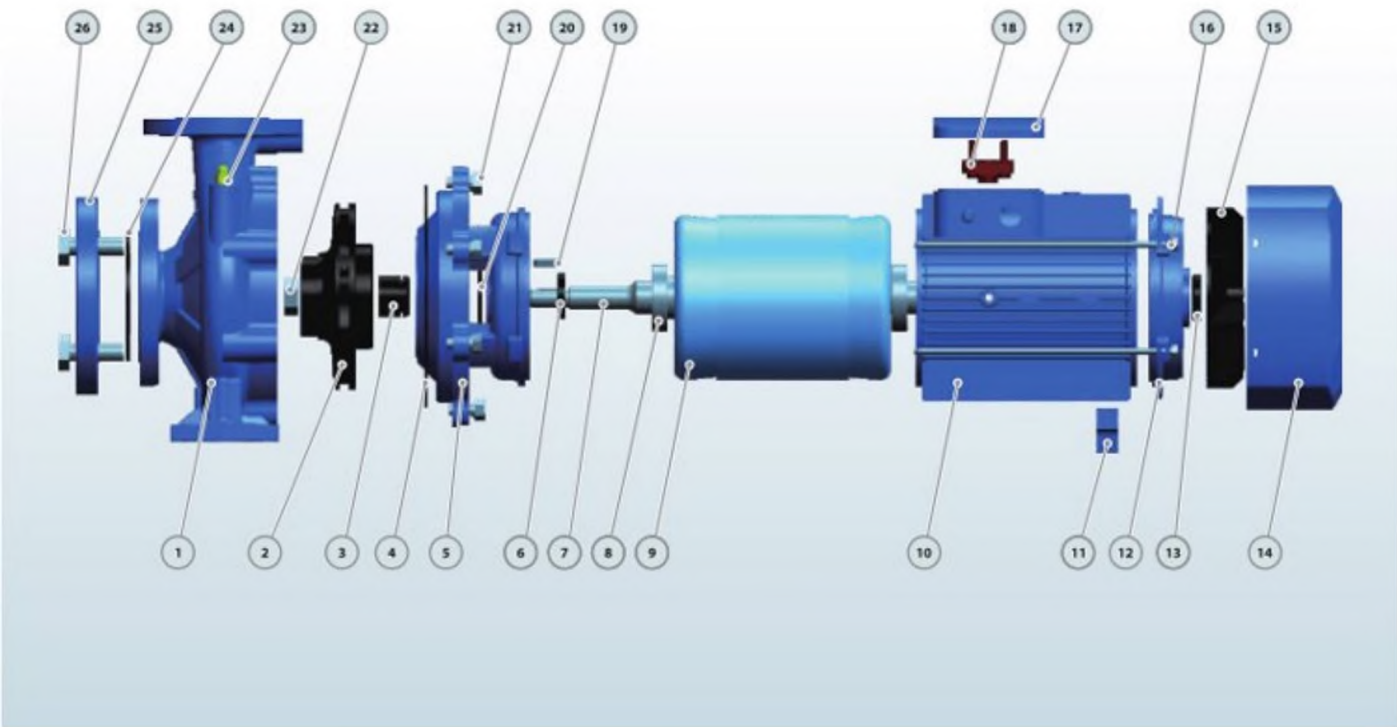
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																			DN			
	Potencia	I		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925				
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500				
				kw	hp	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	118		180	210	
																										mm
32-12 S/07 °	0.75	1		17.5	16.7	15	12	9															50x32			
32-12S/11 °	LI	L5		22	21	19.7	165	145	9														50x32			
32-160/15 •	15	2		25.4	23.7	22.5	18.5	153															50x32			
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15														50x32			
32-160/30 •	3	4		35	343	34	28	255	19	15													50x32			
32-200/30 •	3	4		44.2	43	393	352	322	24.6	193													50x32			
32-200/40 •	4	55		54.5	52	50	455	41.9	35	303													50x32			
32-250/55 •	55	75		60	595	59	55	51	345														50x32			
32-250/75 •	75	10		695	69	68.5	66	63	53														50x32			
32-250/110 •	11	15		90	89.5	89	82	79	66														50x32			
32-250/5 SDc	55	75		79.5	74.7	713	63	56	375														50x32			
32-250/7 5Dc	75	10		95	93	91	83	76	573														50x32			
40-12S/11 °	LI	15		14.7				135	115	10.1	53												65x40			
40-12S/15 °	15	2		18.1				17	15	13.9	9.6	6											65x40			
40-125/22 °	22	3		24.5				232	215	202	16	13	&3										65x40			
40-160/30 •	3	4		31.8				295	275	263	215	175											65x40			
40-160/40 •	4	55		38				36	34	33	28.5	25	2Q1										65x40			
40-200/55 •	55	75		46				433	413	40.1	35	30											65x40			
40-200/75 •	75	10		57				53.6	515	50	45	41	3&5										65x40			
40-250/92 •	92	12.5		64				59	56.5	55	49.5	45	39.8										65x40			
40-250/110 •	11	15		72				675	66	63.5	575	522	47										65x40			
40-250/150*	15	20		84.5				80	773	752	71	65	61										65x40			
50-U5/22 •	22	3		17							15.4	14	128	11.5	6.5								65x50			
50-U5/30 •	3	4		20							183	18	17	15.6	11								65x50			
50-125/40 •	4	55		24							231	23	215	20.3	153	113							65x50			
50-160/55 •	55	75		32							30.6	30	28	26.6	205	14B							65x50			
50-160/75 •	75	10		40							38	37	36	34.4	29	24	21						65x50			
50-200/92 •	92	125		50.5							463	45	43	40.9	323	26.7							65x50			
50-200A10 •	11	15		57.5							535	52	50	47.5	40	34	29						65x50			
50-200/150 •	15	20		62							58	565	54.5	52	44.5	39	35.5						65x50			
50-250/150 •	15	20		68.5							64	63	615	59	50	41							65x50			
50-250/185 •	18.5	25		79							753	743	74	71.5	635	555	47						65x50			
50-250/220 •	22	30		89.5							86	853	84	81.5	735	655	57						65x50			
65-US/40 •	4	55		19									17.3	16.8	145	13	113						dOx65			
65-12S/55 •	55	75		23									213	20.9	19	175	16.7	13.7					80x65			
65-U5/75 •	75	10		27									26	25.6	245	23	22.5	20	18				80x65			
65-160/92 •	92	125		33										31.5	30	28	27.1	24	215				80x65			
65-160/110 •	11	15		36										34.5	33	315	303	28	25.5				80x65			
65-160/150 •	15	20		42										41	40	385	373	35	33	29.5			80x65			
65-200/150 •	15	20		45										45.5	43	41	402	36.5	34				80x65			
65-200/185 •	18.5	25		52										52.3	51	49	4B2	44.5	42				80x65			
65-200/220 •	22	30		59										59.5	58	56	55	52	49.5	44.5			a0x65			
65-250/220 *	22	30		64.8										64.7	62	60	53.5	53	50				80x65			
65-250/300 •	30	40		80										79.8	775	755	74.5	70	66	58			80x65			
65-250/370 •	37	50		92										90.5	88.5	87	85	80.5	78	68			80x65			
65-315/370 •	37	50		102										99.2	97	95	94.5	92.4	90	83			80x65			
65-315/450*	45	60		112										1092	107.7	1053	104.5	102.5	100	93	66		80x65			
65-315/550*	55	75		122										1192	117.4	115.7	114.5	112.5	110	103	76		80x65			
65-315/750 •	75	100		141										1393	1373	135.6	1345	1323	130	122	96	655	80x65			
80-125/40 •	4	55		17									1&5	15.9	143	135	11.6	10	7.5				100x80			
80-125/55 •	55	75		21									2Q5	20	19	18	16.5	15	125	9LS			100x80			
80-125/75 •	75	10		26									25	25	245	233	22.5	213	145	16.5			100x80			

°=PST available ° =PS available °=PST&d°S available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	10	Motor Case	Aluminum	19	Impeller Key	Iron
2	Impeller	SS304/ Cast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechanical Seal	SiC/Carbon/SS304	12	Back Cover	Cast iron	21	Connection Bolt	Steel
4	O-ring	Rubber	13	Reinforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
5	Connection	Cast iron	14	Fan Cover	Aluminum	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Plastic	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through Bolt	Steel	25	Counter Flange	Galvanized Cast iron
8	Bearing	Ball Bearing	17	Terminal Box	Aluminum	26	Flange Bolt	Steel
9	Wound Stator/Rotor	Silicon Steel Copper	18	Terminal Board	Plastic			

Product Description

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS
1/min

60Hz n=3500

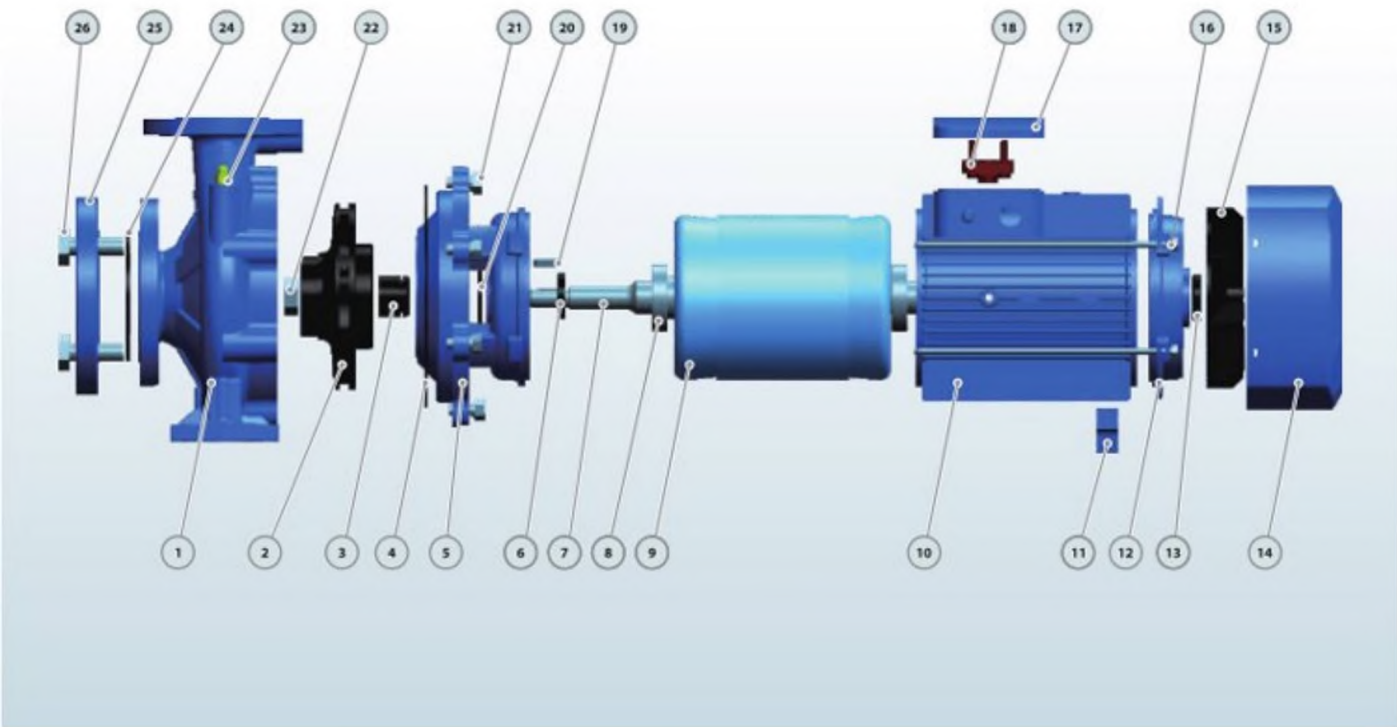
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																		DN				
	Potencia	I		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925			
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500			
				kw	hp	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120		118	180	210	
			H(m)																							mm
32-12 S/07 °	0.75	1	17.5	16.7	15	12	9																50x32			
32-12S/11 °	LI	L5	22	21	19.7	165	145	9															50x32			
32-160/15 •	15	2	25.4	23.7	22.5	18.5	153																50x32			
32-160/22 •	22	3	31	29.6	28.5	24.5	22	15															50x32			
32-160/30 •	3	4	35	343	34	28	255	19	15														50x32			
32-200/30 •	3	4	44.2	43	393	352	322	24.6	193														50x32			
32-200/40 •	4	55	54.5	52	50	455	41.9	35	303														50x32			
32-250/55 •	55	75	60	595	59	55	51	345															50x32			
32-250/75 •	75	10	695	69	68.5	66	63	53															50x32			
32-250/110 •	11	15	90	89.5	89	82	79	66															50x32			
32-250/5 SDc	55	75	79.5	74.7	713	63	56	375															50x32			
32-250/7 5Dc	75	10	95	93	91	83	76	573															50x32			
40-12S/11 °	LI	15	14.7				135	115	10.1	53													65x40			
40-12S/15 °	15	2	18.1				17	15	13.9	9.6	6												65x40			
40-125/22 °	22	3	24.5				232	215	202	16	13	&3											65x40			
40-160/30 •	3	4	31.8				295	275	263	215	175												65x40			
40-160/40 •	4	55	38				36	34	33	28.5	25	2Q1											65x40			
40-200/55 •	55	75	46				433	413	40.1	35	30												65x40			
40-200/75 •	75	10	57				53.6	51.5	50	45	41	3&5											65x40			
40-250/92 •	92	12.5	64				59	56.5	55	49.5	45	39.8											65x40			
40-250/110 •	11	15	72				675	66	63.5	575	522	47											65x40			
40-250/150*	15	20	84.5				80	773	752	71	65	61											65x40			
50-U5/22 •	22	3	17							15.4	14	128	11.5	6.5									65x50			
50-U5/30 •	3	4	20							183	18	17	15.6	11									65x50			
50-125/40 •	4	55	24							231	23	215	20.3	153	113								65x50			
50-160/55 •	55	75	32							30.6	30	28	26.6	205	14B								65x50			
50-160/75 •	75	10	40							38	37	36	34.4	29	24	21							65x50			
50-200/92 •	92	125	50.5							463	45	43	40.9	323	26.7								65x50			
50-200A10 •	11	15	57.5							535	52	50	47.5	40	34	29							65x50			
50-200/150 •	15	20	62							58	565	54.5	52	44.5	39	35.5							65x50			
50-250/150 •	15	20	68.5							64	63	615	59	50	41								65x50			
50-250/185 •	18.5	25	79							753	743	74	71.5	635	555	47							65x50			
50-250/220 •	22	30	89.5							86	853	84	81.5	735	655	57							65x50			
65-US/40 •	4	55	19									17.3	16.8	145	13	113							dOx65			
65-12S/55 •	55	75	23									213	20.9	19	175	16.7	13.7						80x65			
65-U5/75 •	75	10	27									26	25.6	245	23	22.5	20	18					80x65			
65-160/92 •	92	125	33										31.5	30	28	27.1	24	215					80x65			
65-160/110 •	11	15	36										34.5	33	315	303	28	25.5					80x65			
65-160/150 •	15	20	42										41	40	385	373	35	33	29.5				80x65			
65-200/150 •	15	20	45										45.5	43	41	402	36.5	34					80x65			
65-200/185 •	18.5	25	52										52.3	51	49	4B2	44.5	42					80x65			
65-200/220 •	22	30	59										59.5	58	56	55	52	49.5	44.5				a0x65			
65-250/220 *	22	30	64.8										64.7	62	60	53.5	53	50					80x65			
65-250/300 •	30	40	80										79.8	775	755	74.5	70	66	58				80x65			
65-250/370 •	37	50	92										90.5	88.5	87	85	80.5	78	68				80x65			
65-315/370 •	37	50	102										99.2	97	95	94.5	92.4	90	83				80x65			
65-315/450*	45	60	112										1092	107.7	1053	104.5	102.5	100	93	66			80x65			
65-315/550*	55	75	122										1192	117.4	115.7	114.5	1125	110	103	76			80x65			
65-315/750 •	75	100	141										1393	1373	135.6	1345	1323	130	122	96	655		80x65			
80-125/40 •	4	55	17									1&5	15.9	143	135	11.6	10	7.5					100x80			
80-125/55 •	55	75	21									2Q5	20	19	18	16.5	15	125	9LS				100x80			
80-125/75 •	75	10	26									25	25	245	233	22.5	213	145	16.5				100x80			

°=PST available ° =PS available °=PST&d°S available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	10	Motor Case	Aluminum	19	Impeller Key	Iron
2	Impeller	SS304/ Cast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechanical Seal	SiC/Carbon/SS304	12	Back Cover	Cast iron	21	Connection Bolt	Steel
4	O-ring	Rubber	13	Reinforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
5	Connection	Cast iron	14	Fan Cover	Aluminum	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Plastic	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through Bolt	Steel	25	Counter Flange	Galvanized Cast iron
8	Bearing	Ball Bearing	17	Terminal Box	Aluminum	26	Flange Bolt	Steel
9	Wound StatorRotor	Silicon Steel Copper	18	Terminal Board	Plastic			



End Suction Pumps PSM

**[PSM] Centrifugal Pump Fire Fighting with Control Panel
Standard Water Pump Centrifugal Pump**

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by PURITY (patented)
- Pump case with anti-corrosive coat
- Impeller in stainless steel AISI 304 or cast iron
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Wear resistance mechanical seal
- CE approved water pumps
- Shaft in stainless steel AISI 304 or galvanized iron

Product Description

PSM(PS+YE3)

PS

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump

Original design by PURITY (patented)

Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating

Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron

Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

PATENTS

Registered model PST

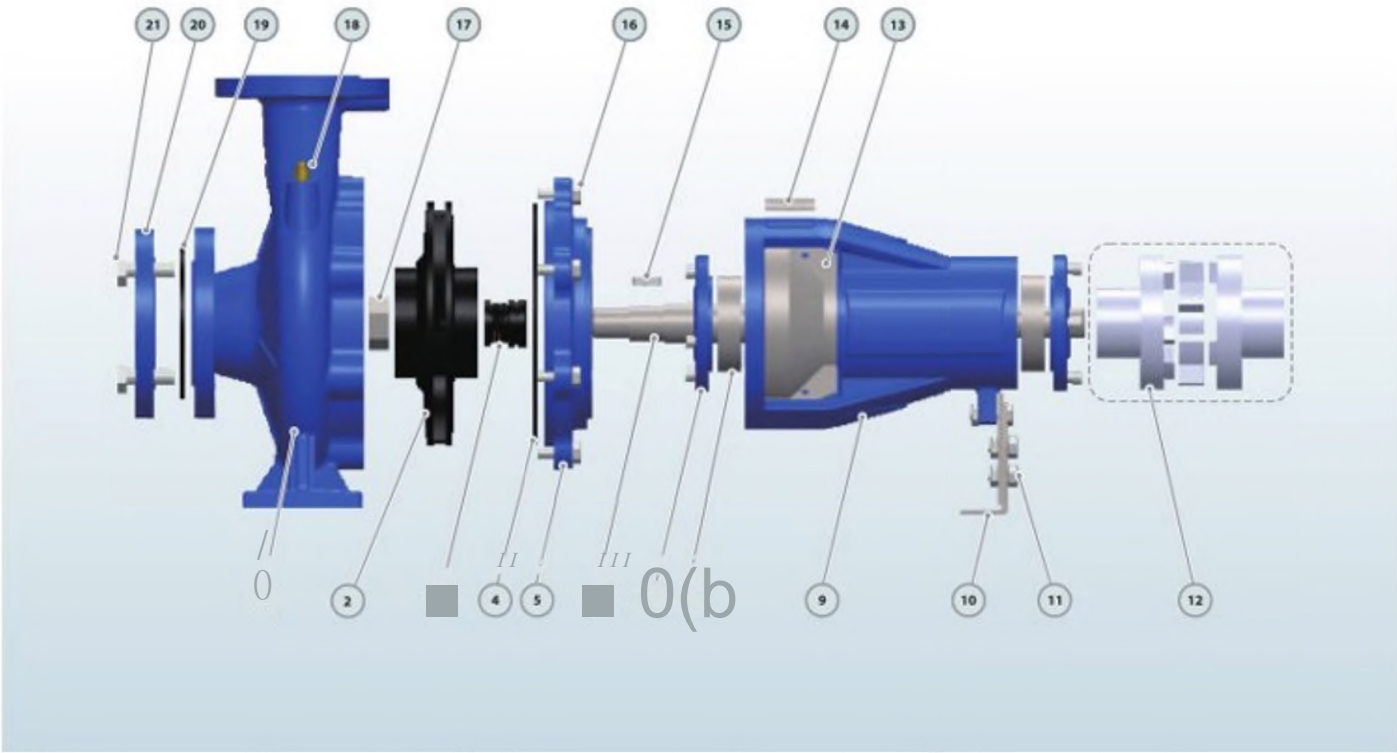
Registered Patent Design n°201530478502.0

TECHNICAL DATA

MODEL MODELO	Tower Potencia		US gpm l/min	Q= DELIVERY/ CAUDAL																		DN			
				0	26	40	66	79	106	119	159	18S	211	238	317	370	396	476	529	608	793		925		
				0	100	150	250	300	400	4^0	600	700	800	900	1200	1400	1500	1800	2000	2100	1000		3500		
	kw	hp	ir^h/h	0	6	9	1S	18	24	27	36	42	48	S4	72	B4	90	108	120	118	180		210	mm	
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9																50x32	
32-125/11	LI	15		22	21	19.7	165	145	9															50x32	
32-160/1S	L5	2		25.4	23.7	22.5	18.5	153																50x32	
32-160/22	22	3		31	29.6	28.5	24.5	22	15															50x32	
32-160/30	3	4		35	343	34	28	255	19	15														50x32	
32-200/30	3	4		44.2	43	393	352	322	24.6	193															50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	303															50x32
32-250/55	55	75		60	595	59	55	51	343																50x32
32-250/75	75	10		695	69	68.5	66	63	53																50x32
32-250/110	11	15		90	89.5	89	82	79	66																50x32
32-250/5 SDG	55	75		79.5	74.7	713	63	56	375																50x32
32-250/7 SDG	75	10		95	93	91	83	76	573																50x32
40-125/1	1A	15		14.7				135	1L5	10.1	53														65x40
40-125/15	L5	2		18.1				17	15	13.9	9.6	6													65x40
40-125/22	22	3		24.5				232	213	202	16	13	R3												65x40
40-160/30	3	4		31.8				29.5	275	263	215	175													65x40
40-160/40	4	55		38				36	34	33	28.5	25	20.1												65x40
40-200/55	55	75		46				433	413	40.1	35	30													65x40
40-200/75	75	10		57				53.6	5L5	50	45	41	3&5												65x40
40-250/92	92	12.5		64				59	56.5	55	495	45	39.8												65x40
40-250/110	11	15		72				675	66	63.5	575	522	47												65x40
40-250/150*	15	20		84.5				80	773	752	71	65	61												65x40
50-U5/22	22	3		17							15.4	14	128	11.5	6.5										65x50
50-U5/30	3	4		20							183	18	17	15.6	11										65x50
50-125/40	4	55		24							231	23	215	20.3	153	11£									65x50
50-160/55	55	75		32							30.6	30	28	26.6	205	143									65x50
50-160/75	75	10		40							38	37	36	34.4	29	24	21								65x50
50-200/92	92	125		50.5							463	45	43	40.9	323	26.7									65x50
50-200/110	11	15		57.5							535	52	50	47.5	40	34	29								65x50
50-200/150*	15	20		62							58	565	545	52	44.5	39	35.5								65x50
50-250/150	15	20		68.5							64	63	6L5	59	50	41									65x50
50-250/185	18.5	25		79							753	743	74	7L5	635	555	47								65x50
50-250/220	22	30		89.5							86	853	84	8L5	735	65.5	57								65x50
65-125/40	4	53		19										17.3	16.8	145	13	113							80x65
65-125/55	55	75		23										213	20.9	19	175	16.7	13.7						80x65
65-125/75	75	10		27										26	25.6	245	23	22.5	20	18					a0x65
65-160/92	92	12.5		33											31.5	30	28	27.1	24	215					80x65
65-160/110	11	15		36											34.5	33	315	303	28	25.5					80x65
65-160/150	15	20		42											41	40	385	373	35	33	29.5				80x65
65-200/150	15	20		45											45.5	43	41	402	36.5	34					80x65
65-200A85	18.5	25	52											52.3	51	49	432	44.5	42					80x65	
65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5				a0x65	
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50					80x65	
65-250/300	30	40	80											79.8	773	755	74.5	70	66	58				a0x65	
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68				S0x65	
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83				80x65	
65-315/450	45	60	112											1092	107.7	1053	104.5	102.5	100	93	66			a0x65	
65-315/550	55	75	122											1192	117.4	115.7	114.5	112.5	110	103	76			80x65	
65-315/750	75	100	141											1393	1373	135.6	1345	1325	130	122	%	655		S0x65	
d0-125/40	4	55	17											1&5	15.9	143	135	11.6	10	7.5				100xd0	
80-125/55	55	75	21											2as	20	19	18	16.5	15	125	9.5			100x80	
80-125/75	75	10	26											25	25	245	233	22.5	213	145	16.5			100x80	

°= PST available ° =PS available ° =PST&PS available/d/spon/b/e

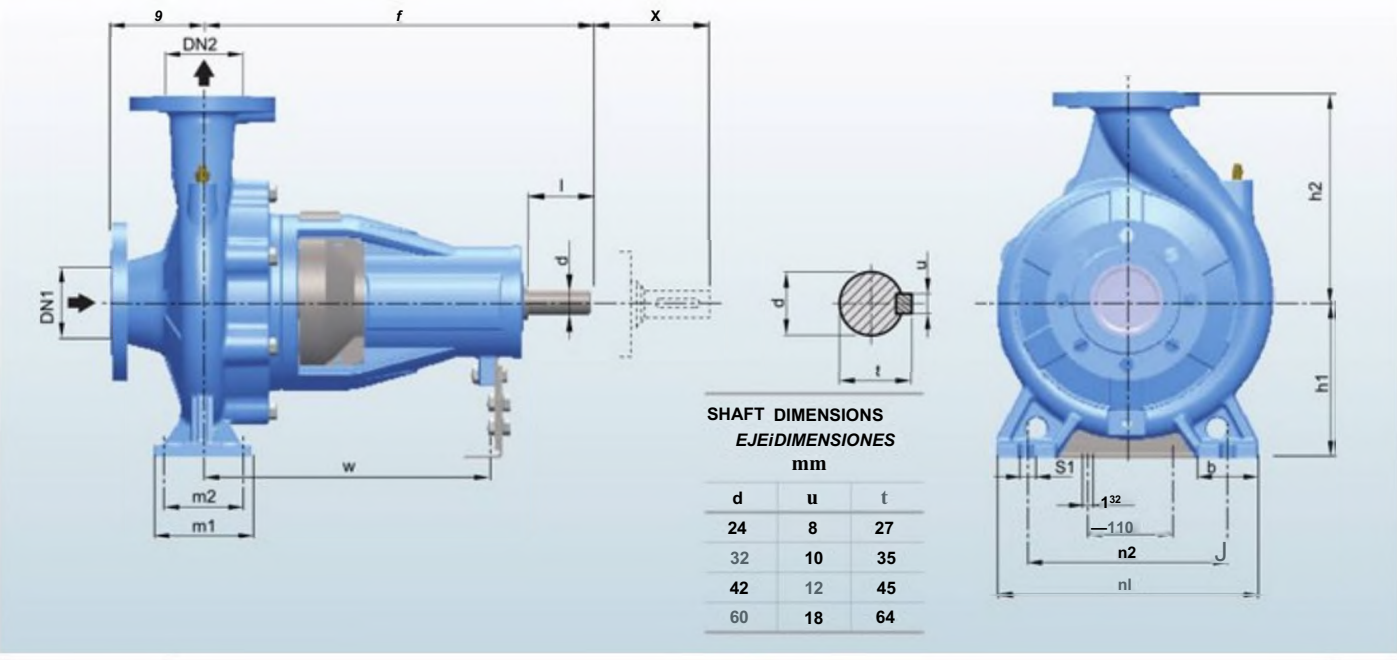
Other Sizes Can Provide On Request.



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	15	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	9	Support Case Cuerpo Soporte	Cast iron Fundición	16	Connection Bolt Perno	Steel Acero
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	10	Support Foot Soporte Pie	Iron Hierro	17	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
4	O-ring Junta Tónica	Rubber Caucho	11	Foot Bolt Perno	Steel Acero	18	Release Valve Tapón Cebado	Brass Bronce
5	Connexion Conexión	Cast iron Fundición	12	Coupling(Optional) Unión(Opcional)	Steel Acero	19	Gasket Empague	Rubber Caucho
6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	13	Case Cover Tapa Cuerpo	SS304 Inox304	20	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
7	Bearing Cover Tapa Rodamiento	Cast iron Fundición	14	Nameplate Letrero	Aluminum Aluminio	21	Flange Bolt Perno de Brida	Steel Acero

DIMENSIONS AND WEIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL MODELO	DIMENSIONS / DIMENSIONES mm																	kg
	DN1	DN2-a		f	hi	h2	b	ml	m2	n1	n2	s1	s2	w		x	d	
32-160	50	1	80	32	160	180	55	8	70	240	14	14	60	100	24	50	S	S
32-200	50	1	80	32	180	180	55	8	70	240	14	14	60	100	24	50	S	S
32-250	50	1	80	32	180	180	55	8	70	240	14	14	60	100	24	50	S	S
40-160	65	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
40-200	65	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
40-250	65	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
SO-125	65	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
S0160	65	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
S0200	65	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
50-250	65	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
65*125	80	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
65160	80	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
65-200	80	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
65*250	80	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
65-315	80	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
80125	100	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
80-160	100	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
80-200	100	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
80-250	100	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
80-315	100	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
80-400	100	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
100-160	125	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
100-200	125	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
100-250	125	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
100-315	125	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
100-400	125	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
125200	150	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
125250	150	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
125315	150	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
125-400	200	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
150-200	200	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
150-250	200	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
150-315	200	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
150-400	200	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
200-250	300	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
200-315	300	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
200-400	300	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
250-315	300	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S
250-400	300	S	80	32	160	180	55	100	95	320	14	14	60	100	24	50	S	S

Product Description

PSM(PS+YE3)

PS

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump

Original design by PURITY (patented)

Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F

Pump case with anti-corrosive coating

Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron

Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

PATENTS

Registered model PST

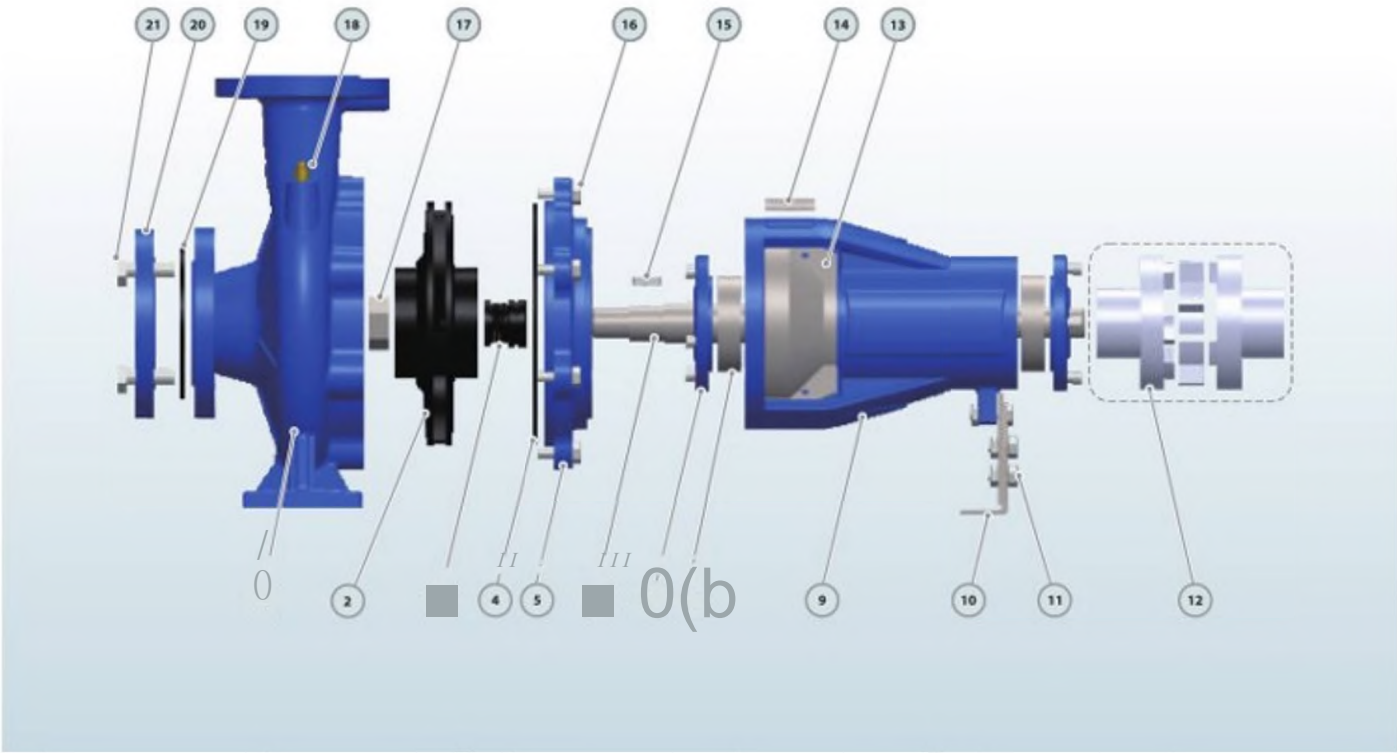
Registered Patent Design n°201530478502.0

TECHNICAL DATA

MODEL MODELO	Tower		US gpm l/min	Q= DELIVERY/ CAUDAL																			DN
	Potencia			0	26	40	66	79	106	119	159	18S	211	238	317	370	396	476	529	608	793	925	
	kw	hp		0	6	9	1S	18	24	27	36	42	48	S4	72	B4	90	108	120	118	180	210	
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9														50x32	
32-125/11	1	15		22	21	19.7	165	145	9													50x32	
32-160/1S	1.5	2		25.4	23.7	22.5	18.5	153														50x32	
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15													50x32	
32-160/30	3	4		35	343	34	28	255	19	15												50x32	
32-200/30	3	4		44.2	43	393	352	322	24.6	193												50x32	
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	303												50x32	
32-250/55	55	75		60	595	59	55	51	343													50x32	
32-250/75	75	10		695	69	68.5	66	63	53													50x32	
32-250/110	11	15		90	89.5	89	82	79	66													50x32	
32-250/5 SDG	55	75		79.5	74.7	713	63	56	375													50x32	
32-250/7 SDG	75	10		95	93	91	83	76	573													50x32	
40-125/1	1A	15		14.7				135	11.5	10.1	53											65x40	
40-125/15	1.5	2		18.1				17	15	13.9	9.6	6										65x40	
40-125/22	2.2	3		24.5				232	213	202	16	13	R3									65x40	
40-160/30	3	4		31.8				29.5	275	263	215	175										65x40	
40-160/40	4	55		38				36	34	33	28.5	25	20.1									65x40	
40-200/55	55	75		46				433	413	40.1	35	30										65x40	
40-200/75	75	10		57				53.6	51.5	50	45	41	3&5									65x40	
40-250/92	92	12.5		64				59	56.5	55	495	45	39.8									65x40	
40-250/110	11	15		72				675	66	63.5	575	522	47									65x40	
40-250/150*	15	20		84.5				80	773	752	71	65	61									65x40	
50-U5/22	2.2	3		17							15.4	14	128	11.5	6.5							65x50	
50-U5/30	3	4		20							183	18	17	15.6	11							65x50	
50-125/40	4	55		24							231	23	215	20.3	153	114						65x50	
50-160/55	55	75		32							30.6	30	28	26.6	205	143						65x50	
50-160/75	75	10		40							38	37	36	34.4	29	24	21					65x50	
50-200/92	92	125		50.5							463	45	43	40.9	323	26.7						65x50	
50-200/110	11	15		57.5							535	52	50	47.5	40	34	29					65x50	
50-200/150*	15	20		62							58	565	545	52	44.5	39	35.5					65x50	
50-250/150	15	20		68.5							64	63	61.5	59	50	41						65x50	
50-250/185	18.5	25		79							753	743	74	71.5	635	555	47					65x50	
50-250/220	22	30		89.5							86	853	84	81.5	735	65.5	57					65x50	
65-125/40	4	53		19									17.3	16.8	145	13	113					80x65	
65-125/55	55	75		23									213	20.9	19	175	16.7	13.7				80x65	
65-125/75	75	10		27									26	25.6	245	23	22.5	20	18			80x65	
65-160/92	92	12.5		33										31.5	30	28	27.1	24	215			80x65	
65-160/110	11	15		36										34.5	33	315	303	28	25.5			80x65	
65-160/150	15	20		42										41	40	385	373	35	33	29.5		80x65	
65-200/150	15	20		45										45.5	43	41	402	36.5	34			80x65	
65-200A85	18.5	25	52										52.3	51	49	432	44.5	42			80x65		
65-200/220	22	30	59										59.5	58	56	55	52	49.5	44.5		80x65		
65-250/220	22	30	64.8										64.7	62	60	58.5	53	50			80x65		
65-250/300	30	40	80										79.8	773	755	74.5	70	66	58		80x65		
65-250/370	37	50	92										90.5	88.5	87	85	80.5	78	68		80x65		
65-315/370	37	50	102										99.2	97	95	94.5	92.4	90	83		80x65		
65-315/450	45	60	112										1092	107.7	1053	104.5	102.5	100	93	66	80x65		
65-315/550	55	75	122										1192	117.4	115.7	114.5	112.5	110	103	76	80x65		
65-315/750	75	100	141										1393	1373	135.6	1345	1325	130	122	%	655	80x65	
d0-125/40	4	55	17									1&5	15.9	143	135	11.6	10	7.5			100x80		
80-125/55	55	75	21									2as	20	19	18	16.5	15	125	9.5		100x80		
80-125/75	75	10	26									25	25	245	233	22.5	213	145	16.5		100x80		

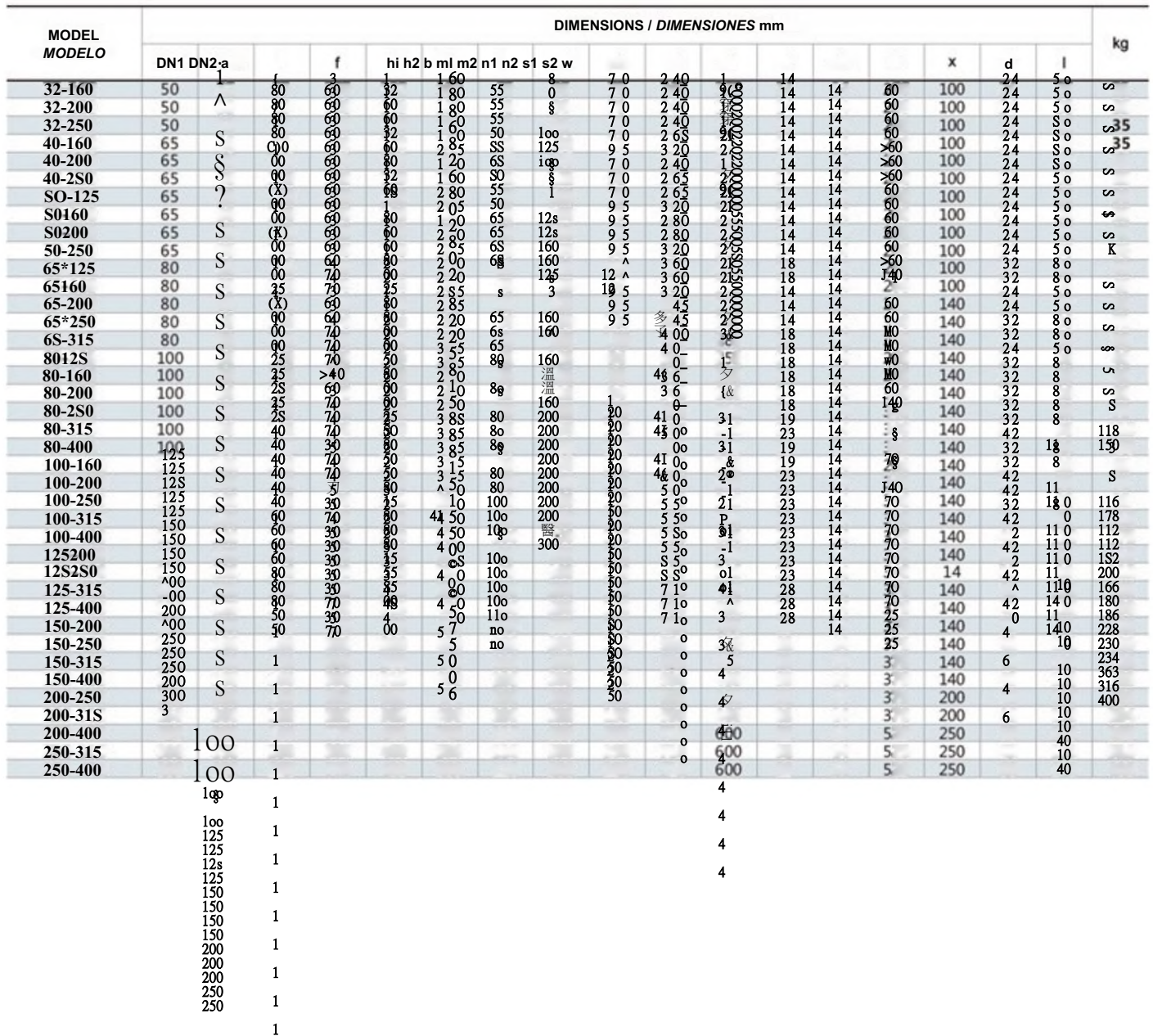
°= PST available ° =PS available ° =PST&PS available/d/spon/b/e

Other Sizes Can Provide On Request.



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	15	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	9	Support Case Cuerpo Soporte	Cast iron Fundición	16	Connection Bolt Perno	Steel Acero
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	10	Support Foot Soporte Pie	Iron Hierro	17	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
4	O-ring Junta Tónica	Rubber Caucho	11	Foot Bolt Perno	Steel Acero	18	Release Valve Tapón Cebado	Brass Bronce
5	Connexion Conexión	Cast iron Fundición	12	Coupling(Optional) Unión(Opcional)	Steel Acero	19	Gasket Empague	Rubber Caucho
6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	13	Case Cover Tapa Cuerpo	SS304 Inox304	20	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
7	Bearing Cover Tapa Rodamiento	Cast iron Fundición	14	Nameplate Letrero	Aluminum Aluminio	21	Flange Bolt Perno de Brida	Steel Acero

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS





End Suction Pumps PST

[PST] High Efficiency PST 50-250-220 Pump Surface Pump Centrifugal Horizontal Pump

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
 - Original design by PURITY (patented)
 - Both square motor & round motor available
 - YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
 - Shaft in stainless steel AISI 304 or galvanized iron
 - Galvanized counter flange with bolts, nuts and gaskets
 - Quality NSK bearing, wear resistance mechanical seal

Product Description





TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900

1/min

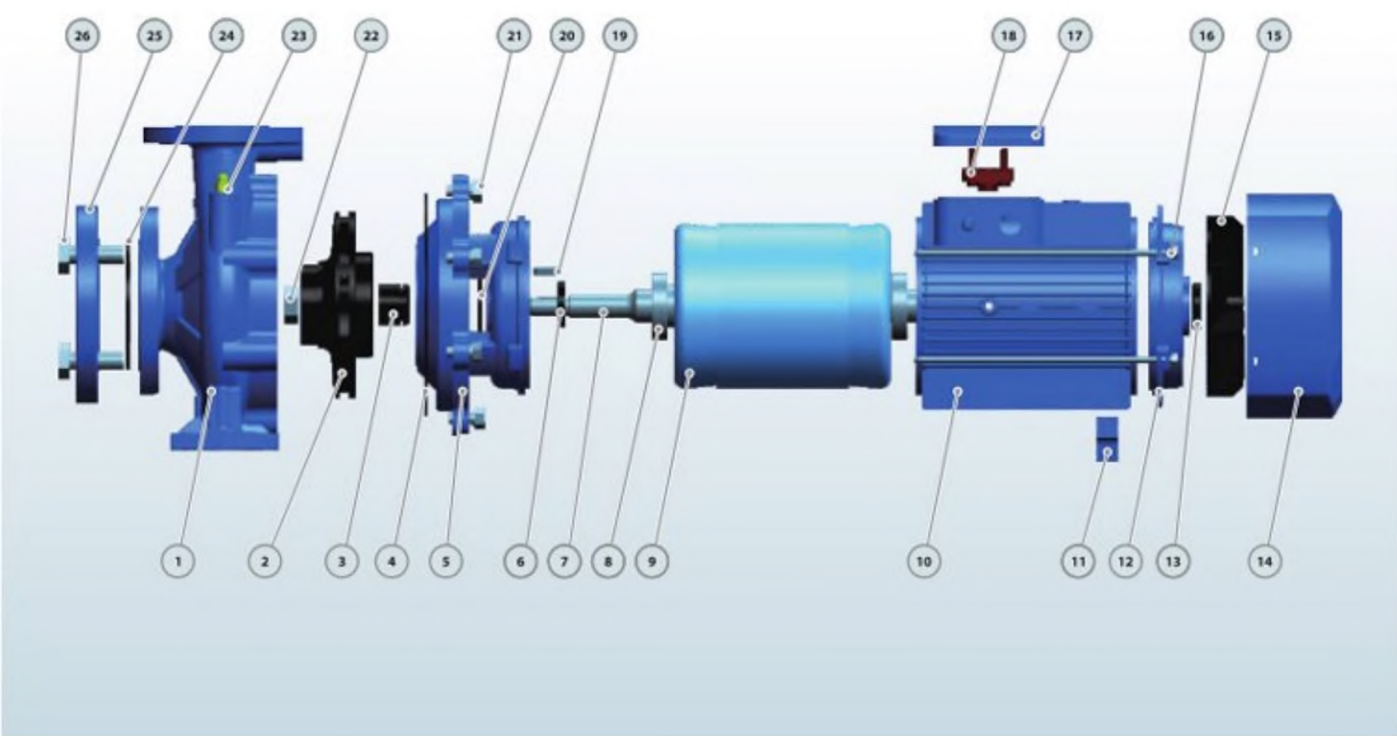
MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																		DN	
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	S29	608	793		925
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180		210
32-12 S/07 o	0.75	1	H(m)	17.5	16.7	15	12	9															50x32
32-12S/11 o	LI	L5		22	21	19.7	165	145	9														50x32
32-160/15 •	15	2		25.4	23.7	22.5	18.5	153															50x32
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15														50x32
32-160/30 •	3	4		35	343	34	28	255	19	15													50x32
32-200/30 •	3	4		44.2	43	393	352	322	24.6	193													50x32
32-200/40 •	4	55		54.5	52	50	455	41.9	35	303													50x32
32-250/55 •	55	75		60	595	59	55	51	345														50x32
32-250/75 •	75	10		695	69	68.5	66	63	53														50x32
32-250/110 •	11	15		90	89.5	89	82	79	66														50x32
32-250/5 SDc	55	75		79.5	74.7	713	63	56	375														50x32
32-250/7 5Do	75	10		95	93	91	83	76	573														50x32
40-U5/11 o	LI	15		14.7				135	115	10.1	53												65x40
40-125/15 o	15	2		18.1				17	15	13.9	9.6	6											65x40
40*125/22 o	22	3		24.5				232	215	202	16	13	&3										65x40
40-160/30 •	3	4		31.8				295	275	263	215	175											65x40
40-160/40 •	4	55		38				36	34	33	28.5	25	2Q1										65x40
40-200/55 •	55	75		46				433	413	40.1	35	30											65x40
40-200/75 •	75	10		57				53.6	51.5	50	45	41	3&5										65x40
40*250/92 •	92	125		64				59	565	55	49.5	45	39.8										65x40
40-250/110 •	11	15		72				675	66	63.5	578	522	47										65x40
40-250/150 •	15	20		84.5				80	773	752	71	65	61										65x40
S0-U5/22 •	22	3		17							15.4	14	128	11.5	6.5								65x50
50-125/30 •	3	4		20							183	18	17	15.6	11								65x50
50-125/40 •	4	55		24							231	23	215	20.3	153	113							65x50
S0-160/55 •	55	75		32							30.6	30	28	26.6	205	143							65x50
50-160/75 •	75	10		40							38	37	36	34.4	29	24	21						65x50
50-200/92 •	92	123		50.5							463	45	43	40.9	325	26.7							65x50
50-200A10 •	11	15		57.5							535	52	50	47.5	40	34	29						65x50
50-200/150 •	15	20		62							58	565	54.5	52	44.5	39	35.5						65x50
50-250/150 •	15	20		68.5							64	63	615	59	50	41							65x50
50-250/185 •	18.5	25		79							753	743	74	71.5	635	555	47						65x50
50-250/220 •	22	30		89.5							86	853	84	81.5	735	655	57						65x50
65-US/40 •	4	55		19										17.3	16.8	145	13	113					dOx65
65-12S/SS •	55	75		23										213	20.9	19	175	16.7	13.7				80x65
65-U5/75 •	75	10		27										26	25.6	245	23	22.5	20	18			80x65
65-160/92 •	92	125		33											31.5	30	28	27.1	24	215			80x65
65-160/110 •	11	15		36											34.5	33	315	303	28	25.5			80x65
65-160/1 SO •	15	20		42											41	40	385	373	35	33	29.5		80x65
65-200/150 •	15	20		45											45.5	43	41	402	36.5	34			80x65
65-200/18S •	18.5	25	52											52.3	51	49	4B2	44.5	42			80x65	
65-200/220 •	22	30	S9											59.5	58	56	55	52	49.5	44.5		a0x65	
65-250/220 *	22	30	64.8											64.7	62	60	53.5	S3	50			80x65	
65-250/300 •	30	40	80											79.8	775	755	74.5	70	66	58		80x65	
65-250/370 •	37	50	92											90.5	88.5	87	85	80.5	78	68		80x65	
65-31S/3 70 •	37	50	102											99.2	97	95	94.5	92.4	90	83		80x65	
65-315/4S0*	45	60	112											1092	107.7	1053	104.5	102.5	100	93	66	80x65	
6S-315/5S0*	55	75	122											1192	117.4	115.7	114.5	1125	110	103	76	80x65	
65-315/750 •	75	100	141											1393	1373	135.6	134.5	1323	130	122	96	655	80x65
80-125/40 •	4	55	17										1&5	15.9	143	135	11.6	10	7.5			100x80	
80-125/55 •	55	75	21										2Q5	20	19	18	16.5	15	125	91.5		100x80	
80-125/75 •	75	10	26										25	25	245	233	22.5	213	145	16.5		100x80	

°=PST available °=PS available °=PST&PS available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	10	Motor Case	Aluminum	19	Impeller Key	Iron
2	Impeller	SS304/ Cast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechanical Seal	SiC/Carbon/SS304	12	Back Cover	Cast iron	21	Connection Bolt	Steel
4	O-ring	Rubber	13	Reinforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
5	Connection	Cast iron	14	Fan Cover	Aluminum	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Plastic	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through Bolt	Steel	25	Counter Flange	Galvanized Cast iron
8	Bearing	Ball Bearing	17	Terminal Box	Aluminum	26	Flange Bolt	Steel
9	Wound StatorRotor	Silicon Steel Copper	18	Terminal Board	Plastic			

Product Description





TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA

60Hz n=3500 1/min

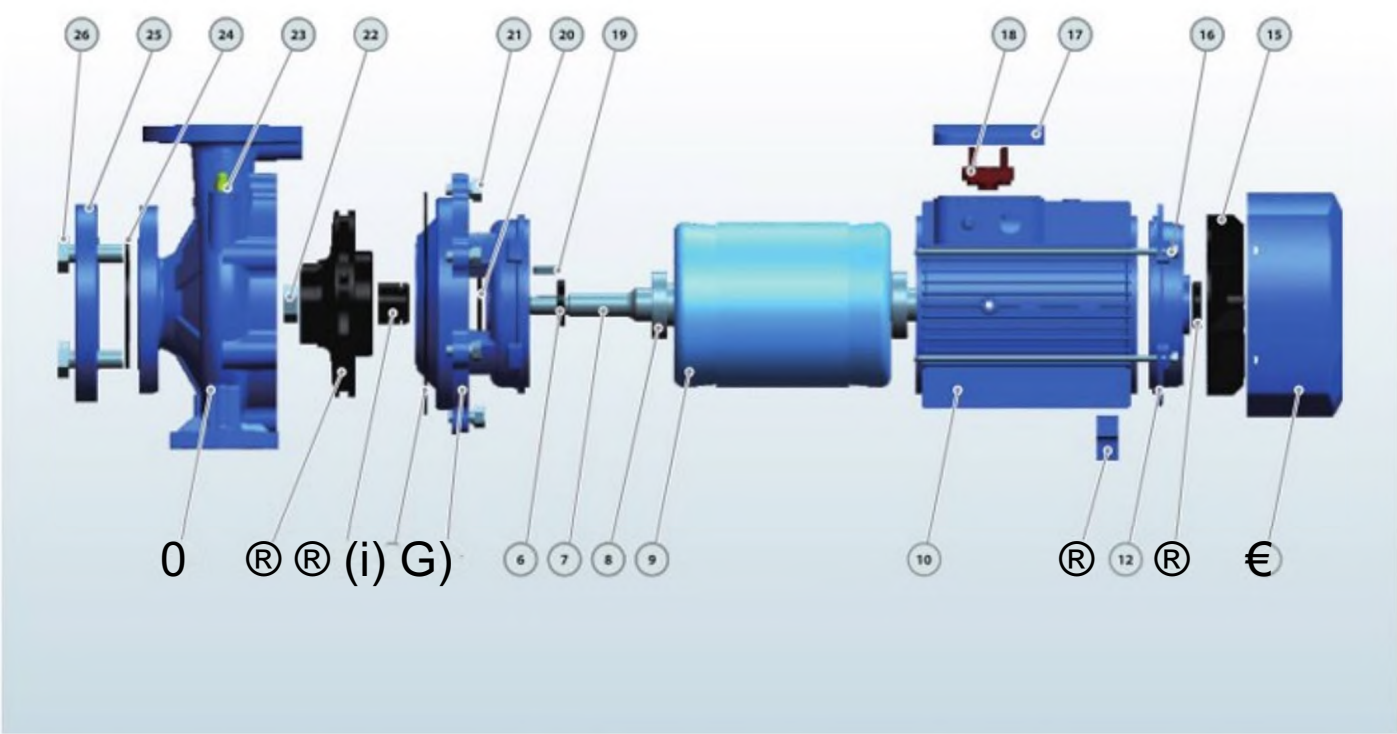
MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																		DN	
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	54	72	&4	90	108	120	138	180		210
32-12 S/07 o	0.75	1	H(m)	17.5	16.7	15	12	9														50x32	
32-12S/11 o	LI	L5		22	21	19.7	165	145	9													50x32	
32-160/15 •	15	2		25.4	23.7	22.5	18.5	153														50x32	
32-160/22 •	22	3		31	29.6	28.5	24.5	22	15													50x32	
32-160/30 •	3	4		35	343	34	28	255	19	15												50x32	
32-200/30 •	3	4		44.2	43	393	352	322	24.6	193												50x32	
32-200/40 •	4	55		54.5	52	50	455	41.9	35	303												50x32	
32-250/55 •	55	75		60	595	59	55	51	345													50x32	
32-250/7S •	75	10		695	69	68.5	66	63	53													50x32	
32-250/110 •	11	15		90	89.5	89	82	79	66													50x32	
32-250/5 SDc	55	75		79.5	74.7	713	63	56	375													50x32	
32-250/7 SDo	75	10		95	93	91	83	76	573													50x32	
40-U5/11 o	LI	15		14.7				135	115	10.1	53											65x40	
4012S/1S o	15	2		18.1				17	15	13.9	9.6	6										65x40	
40*125/22 o	22	3		24.5				232	21.5	202	16	13	&3									65x40	
40-160/30 •	3	4		31.8				295	275	263	21.5	175										65x40	
40-160/40 •	4	55		38				36	34	33	28.5	25	2Q1									65x40	
40-200/55 •	55	75		46				433	413	40.1	35	30										65x40	
40-200/75 •	75	10		57				53.6	51.5	50	45	41	3&5									65x40	
40*250/92 •	92	125		64				59	565	55	49.5	45	39.8									65x40	
40-250/110 •	11	15		72				675	66	63.5	575	522	47									65x40	
40-250/150 •	15	20		84.5				80	773	752	71	65	61									65x40	
S0-U5/22 •	22	3		17							15.4	14	128	11.5	6.5							65x50	
50-125/30 •	3	4		20							183	18	17	15.6	11							65x50	
50-125/40 •	4	55		24							231	23	215	20.3	153	113						65x50	
S0-160/55 •	55	75		32							30.6	30	28	26.6	205	143						65x50	
50-160/75 •	75	10		40							38	37	36	34.4	29	24	21					65x50	
50-200/92 •	92	123		50.5							463	45	43	40.9	325	26.7						65x50	
50-200A10 •	11	15		57.5							535	52	50	47.5	40	34	29					65x50	
50-200/150 •	15	20		62							58	565	54.5	52	44.5	39	35.5					65x50	
50-2S0/150 •	15	20		68.5							64	63	615	59	50	41						65x50	
50-250/185 •	18.5	25		79							753	743	74	71.5	635	555	47					65x50	
50-250/220 •	22	30		89.5							86	853	84	81.5	735	655	57					65x50	
65-US/40 •	4	55		19									17.3	16.8	145	13	113					dOx65	
65-12S/55 •	55	75		23									213	20.9	19	175	16.7	13.7				80x65	
65-U5/75 •	75	10		27									26	25.6	245	23	22.5	20	18			80x65	
65-160/92 •	92	125		33										31.5	30	28	27.1	24	215			80x65	
65-160/110 •	11	15		36										34.5	33	315	303	28	25.5			80x65	
65-160/150 •	15	20		42										41	40	385	373	35	33	29.5		80x65	
65-200/150 •	15	20		45										45.5	43	41	402	36.5	34			80x65	
65-200/18S •	18.5	25		52										52.3	51	49	4B2	44.5	42			80x65	
65-200/220 •	22	30		S9										59.5	58	56	55	52	49.5	44.5		d0x65	
65-250/220 *	22	30		64.8										64.7	62	60	53.5	53	50			80x65	
65-250/300 •	30	40		80										79.8	775	755	74.5	70	66	58		80x65	
65-250/370 •	37	50		92										90.5	88.5	87	85	80.5	78	68		80x65	
65-31S/3 70 •	37	50		102										99.2	97	95	94.5	92.4	90	83		80x65	
65-315/4S0*	45	60		112										1092	107.7	105.8	104.5	102.5	100	93	66	80x65	
6S-315/5S0*	55	75		122										1192	117.4	115.7	1145	1125	110	103	76	80x65	
65-315/750 •	75	100		141										1393	1373	135.6	1345	1323	130	122	96	655	80x65
80-125/40 •	4	55		17										1&5	15.9	143	135	11.6	10	7.5		100x80	
80-125/55 •	55	75		21										2Q5	20	19	18	16.5	15	125	9.5	100x80	
80-125/75 •	75	10		26										25	25	245	233	22.5	213	145	16.5	100x80	

°=PST available °=PS available °=PST&PS available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	10	Motor Case	Aluminum	19	Impeller Key	Iron
2	Impeller	SS304/Cast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechanical Seal	SiC/Carbon/SS304	12	Back Cover	Cast iron	21	Connection Bolt	Steel
4	O-ring	Rubber	13	Reinforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
5	Connection	Cast iron	14	Fan Cover	Aluminum	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Plastic	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through Bolt	Steel	25	Counter Flange	Galvanized Cast iron
8	Bearing	Ball Bearing	17	Terminal Box	Aluminum	26	Flange Bolt	Steel
9	Wound StatorRotor	Silicon Steel Copper	18	Terminal Board	Plastic			



End Suction Pumps PS

[PS]End Suction Pump Electric Motor driven Fire Pump

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
 - Original design by PURITY (patented)
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
 - Shaft in stainless steel AISI 304 or galvanized iron
 - Galvanized counter flange with bolts, nuts and gaskets
 - Quality NSK bearing, wear resistance mechanical seal

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900

1/min

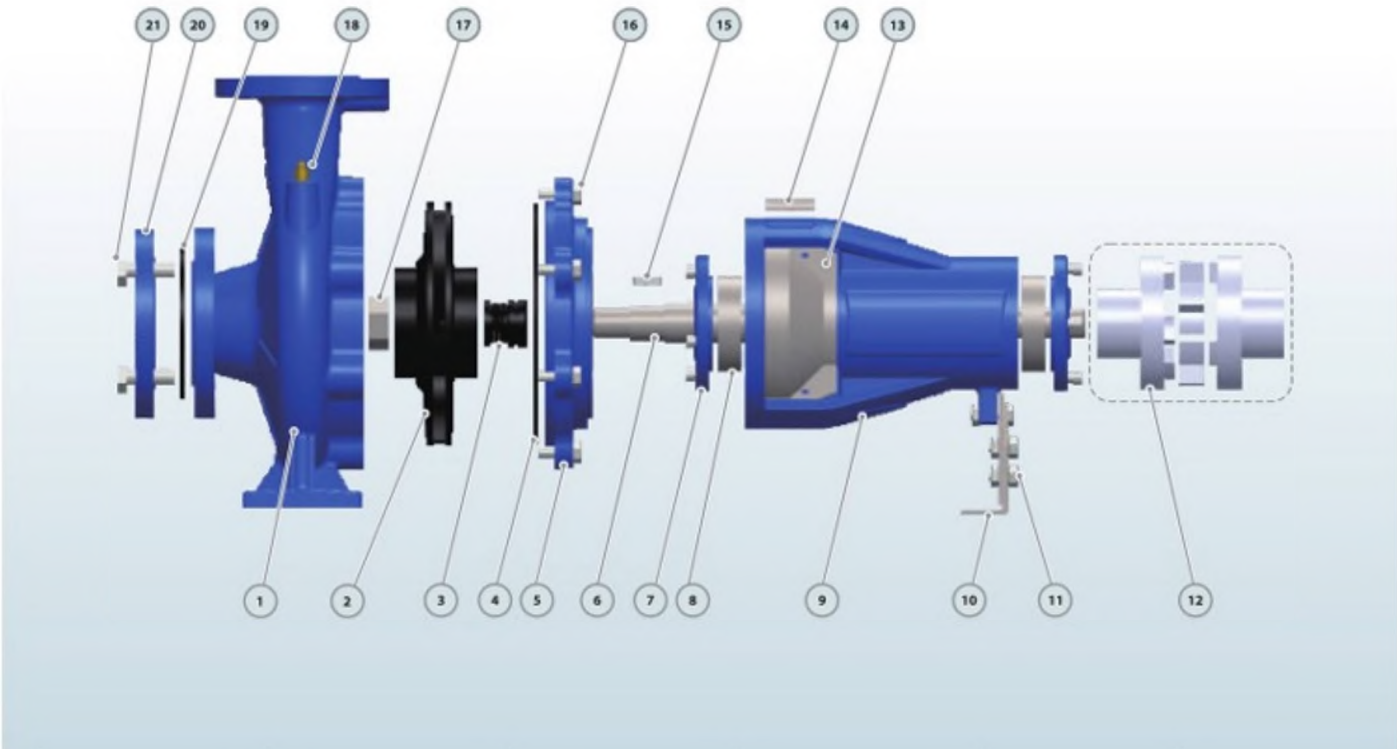
MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																	DN		
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608		793	925
				0	100	150	250	300	400	4S0	600	700	800	900	1200	1400	1S00	1800	2000	2300		3000	3500
				0	6	9	15	18	24	27	36	42	48	S4	72	d4	90	108	120	118		180	210
I	kw	hp		17.5	16.7	15	12	9														50x32	
32-12 S/07 °	0.75	1		22	21	19.7	165	145	9													50x32	
32-12S/11 °	LI	L5		25.4	23.7	22.5	18.5	153														50x32	
32-160/15 •	15	2		31	29.6	28.5	24.5	22	15													50x32	
32-160/22 •	22	3		35	343	34	28	255	19	15												50x32	
32-160/30 •	3	4		44.2	43	393	352	322	24.6	193												50x32	
32-200/30 •	3	4		54.5	52	50	455	41.9	35	303												50x32	
32-200/40 •	4	55		60	595	59	55	51	345													50x32	
32-250/55 •	55	75		695	69	68.5	66	63	53													50x32	
32-250/7S •	75	10		90	89.5	89	82	79	66													50x32	
32-250/110 •	11	15		79.5	74.7	713	63	56	375													50x32	
32-250/5 SDc	55	7S		95	93	91	83	76	573													50x32	
32-250/7 5Do	75	10		14.7				135	115	10.1	53											65x40	
40-12S/11 °	LI	15		18.1				17	15	13.9	9.6	6										65x40	
40-12S/1S °	15	2		24.5				232	215	202	16	13	&3									65x40	
40*125/22 °	22	3		31.8				295	275	263	215	175										65x40	
40-160/30 •	3	4		38				36	34	33	28.5	25	2Q1									65x40	
40-160/40 •	4	55		46				433	413	40.1	35	30										65x40	
40-200/55 •	55	75		57				53.6	51.5	50	45	41	3&5									65x40	
40-200/75 •	75	10		64				59	56.5	55	49.5	45	39.8									65x40	
40*250/92 •	92	12.5		72				675	66	63.5	575	522	47									65x40	
40-250/110 •	11	15		84.5				80	773	752	71	65	61									65x40	
40-250/150*	15	20		17							15.4	14	128	11.5	6.5							65x50	
S0-U5/22 •	22	3		20							183	18	17	15.6	11							65x50	
50-U5/30 •	3	4		24							231	23	215	20.3	153	113						65x50	
50-125/40 •	4	55		32							30.6	30	28	26.6	205	14B						65x50	
S0-160/55 •	55	75		40							38	37	36	34.4	29	24	21					65x50	
50-160/75 •	75	10		50.5							463	45	43	40.9	323	26.7						65x50	
50-200/92 •	92	125		57.5							535	52	50	47.5	40	34	29					65x50	
50-200A10 •	11	15		62							58	565	54.5	52	44.5	39	35.5					65x50	
50-200/150 •	15	20		68.5							64	63	615	59	50	41						65x50	
50-2S0/150 •	15	20		79							753	743	74	71.5	635	555	47					65x50	
50-250/185 •	18.5	25		89.5							86	853	84	81.5	735	655	57					65x50	
50-250/220 •	22	30		19									17.3	16.8	145	13	113					dOx65	
65-US/40 •	4	5S		23									213	20.9	19	175	16.7	13.7				80x6S	
65-12S/5S •	55	75		27									26	25.6	245	23	22.5	20	18			80x65	
65-U5/75 •	75	10		33										31.5	30	28	27.1	24	215			80x65	
65-160/92 •	92	125		36										34.5	33	315	303	28	25.5			80x65	
65-160/110 •	11	15		42										41	40	385	373	35	33	29.5		80x65	
65 160/150 •	15	20		45										45.5	43	41	402	36.5	34			80x65	
65-200/150 •	15	20		52										52.3	51	49	4B2	44.5	42			80x65	
65-200/18S •	18.5	25		S9										59.5	58	56	55	52	49.5	44.5		a0x65	
65-200/220 •	22	30		64.8										64.7	62	60	53.5	53	50			80x65	
65-250/220 *	22	30		80										79.8	775	755	74.5	70	66	58		80x65	
65-250/300 •	30	40		92										90.5	88.5	87	85	80.5	78	68		80x65	
65-250/370 •	37	50		102										99.2	97	95	94.5	92.4	90	83		80x65	
65-315/370 •	37	50		112										1092	107.7	1053	104.5	102.5	100	93	66	80x65	
65-315/4S0*	45	60		122										1192	117.4	115.7	114.5	1125	110	103	76	80x65	
6S-315/5S0*	55	75		141										1393	1373	135.6	1345	1323	130	122	96	655	80x65
65-315/750 •	75	100		17										1&5	15.9	143	135	11.6	10	7.5		100x80	
80-125/40 •	4	55		21										2Q5	20	19	18	16.5	15	125	9LS		100x80
80-125/55 •	55	75		26										25	25	245	233	22.5	213	145	16.5		100x80
80 125/75 •	75	10																					

°=PST available ° =PS available °=PST&d°S available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empague	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS

60Hz n=3500

1/min

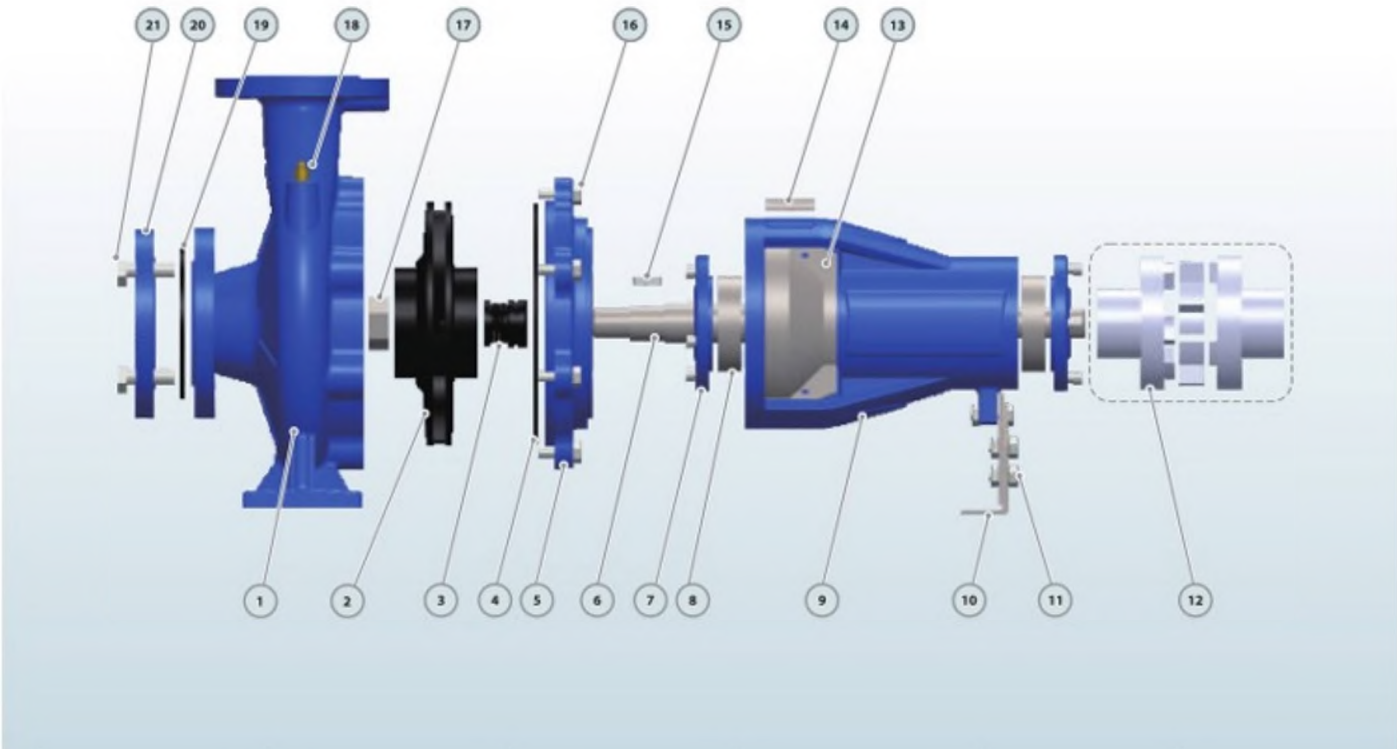
MODEL MODELO	Tower Potencia		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																		DN			
	kw	hp		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925		
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500		
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	118	180		210		
			mm																						
32-12 S/07 °	0.75	1	17.5	16.7	15	12	9																50x32		
32-12S/11 °	LI	L5	22	21	19.7	165	145	9															50x32		
32-160/15 •	15	2	25.4	23.7	22.5	18.5	153																50x32		
32-160/22 •	22	3	31	29.6	28.5	24.5	22	15															50x32		
32-160/30 •	3	4	35	343	34	28	255	19	15														50x32		
32-200/30 •	3	4	44.2	43	393	352	322	24.6	193														50x32		
32-200/40 •	4	55	54.5	52	50	455	41.9	35	303														50x32		
32-250/55 •	55	75	60	595	59	55	51	345															50x32		
32-250/75 •	75	10	695	69	68.5	66	63	53															50x32		
32-250/110 •	11	15	90	89.5	89	82	79	66															50x32		
32-250/5 SDc	55	75	79.5	74.7	713	63	56	375															50x32		
32-250/7 5Dc	75	10	95	93	91	83	76	573															50x32		
40-12S/11 °	LI	15	14.7				135	115	10.1	53													65x40		
40-12S/15 °	15	2	18.1				17	15	13.9	9.6	6												65x40		
40-125/22 °	22	3	24.5				232	215	202	16	13	&3											65x40		
40-160/30 •	3	4	31.8				295	275	263	215	175												65x40		
40-160/40 •	4	55	38				36	34	33	28.5	25	2Q1											65x40		
40-200/55 •	55	75	46				433	413	40.1	35	30												65x40		
40-200/75 •	75	10	57				53.6	515	50	45	41	3&5											65x40		
40-250/92 •	92	12.5	64				59	56.5	55	49.5	45	39.8											65x40		
40-250/110 •	11	15	72				675	66	63.5	575	522	47											65x40		
40-250/150*	15	20	84.5				80	773	752	71	65	61											65x40		
50-U5/22 •	22	3	17							15.4	14	128	11.5	6.5									65x50		
50-U5/30 •	3	4	20							183	18	17	15.6	11									65x50		
50-125/40 •	4	55	24							231	23	215	20.3	153	113								65x50		
50-160/55 •	55	75	32							30.6	30	28	26.6	205	14B								65x50		
50-160/75 •	75	10	40							38	37	36	34.4	29	24	21							65x50		
50-200/92 •	92	125	50.5							463	45	43	40.9	323	26.7								65x50		
50-200A10 •	11	15	57.5							535	52	50	47.5	40	34	29							65x50		
50-200/150 •	15	20	62							58	565	54.5	52	44.5	39	35.5							65x50		
50-250/150 •	15	20	68.5							64	63	615	59	50	41								65x50		
50-250/185 •	18.5	25	79							753	743	74	71.5	635	555	47							65x50		
50-250/220 •	22	30	89.5							86	853	84	81.5	735	655	57							65x50		
65-US/40 •	4	55	19									17.3	16.8	145	13	113							dOx65		
65-12S/55 •	55	75	23									213	20.9	19	175	16.7	13.7						80x65		
65-U5/75 •	75	10	27									26	25.6	245	23	22.5	20	18					80x65		
65-160/92 •	92	125	33										31.5	30	28	27.1	24	215					80x65		
65-160/110 •	11	15	36										34.5	33	315	303	28	25.5					80x65		
65-160/150 •	15	20	42										41	40	385	373	35	33	29.5				80x65		
65-200/150 •	15	20	45										45.5	43	41	402	36.5	34					80x65		
65-200/185 •	18.5	25	52										52.3	51	49	4B2	44.5	42					80x65		
65-200/220 •	22	30	59										59.5	58	56	55	52	49.5	44.5				a0x65		
65-250/220 *	22	30	64.8										64.7	62	60	53.5	53	50					80x65		
65-250/300 •	30	40	80										79.8	775	755	74.5	70	66	58				80x65		
65-250/370 •	37	50	92										90.5	88.5	87	85	80.5	78	68				80x65		
65-315/370 •	37	50	102										99.2	97	95	94.5	92.4	90	83				80x65		
65-315/450*	45	60	112										1092	107.7	1053	104.5	102.5	100	93	66			80x65		
6S-315/550*	55	75	122										1192	117.4	115.7	114.5	112.5	110	103	76			80x65		
65-315/750 •	75	100	141										1393	1373	135.6	1345	1323	130	122	96	655		80x65		
80-125/40 •	4	55	17									1&5	15.9	143	135	11.6	10	7.5					100x80		
80-125/55 •	55	75	21									2Q5	20	19	18	16.5	15	125	9LS				100x80		
80-125/75 •	75	10	26									25	25	245	233	22.5	213	145	16.5				100x80		

°=PST available ° =PS available °=PST&d°S available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	11	Support Foot Soporte Pie	Plastic Plástico	20	Water Deflector Deflector	Rubber Caucho
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	12	Back Cover Tapa Trasera	Cast iron Fundición	21	Connection Bolt Perno	Steel Acero
4	O-ring Junta Tórica	Rubber Caucho	13	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
5	Connection Conexión	Cast iron Fundición	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Fan Ventilador	Plastic Plástico	24	Gasket Empaque	Rubber Caucho
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	16	Through Bolt Perno	Steel Acero	25	Counter Flange Contra Brida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomas	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator / Rotor	Silicon Steel/Copper Acero al Silicio/Cobre	18	Terminal Board Tablero de Bomas	Plastic Plástico			



End Suction Pumps PSTB

[PSTB]Horizontal Industrial Centrifugal Pump PST series from Purity Pump

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
 - Original design by PURITY (patented)
 - Both square motor & round motor available
 - YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or cast iron
 - Shaft in stainless steel AISI 304 or galvanized iron
 - Galvanized counter flange with bolts, nuts and gaskets
 - Quality NSK bearing, wear resistance mechanical seal

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets

Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS
1/min

50Hz n=2900

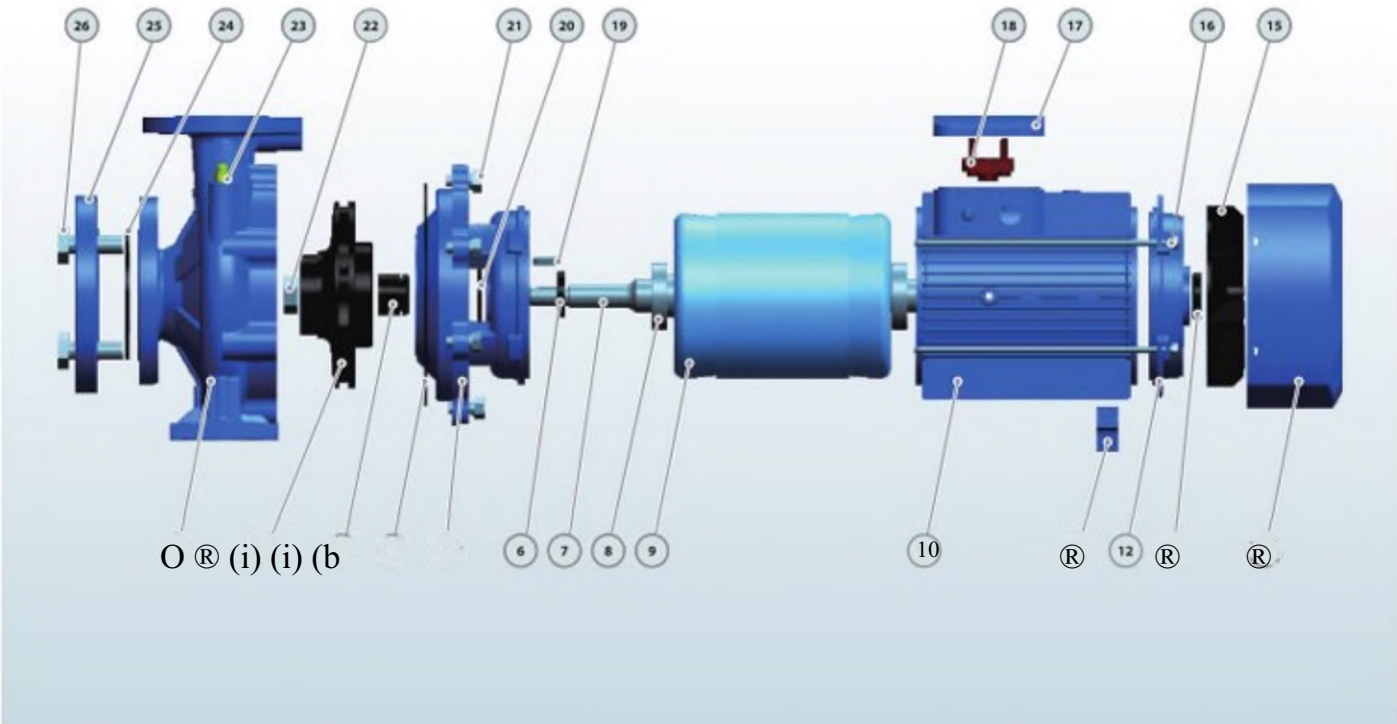
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																			DN		
	Potencia	I		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925			
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500			
				kw	hp	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	118		180	210
			mm																						
32-12 S/07 °	0.75	1	17.5	16.7	15	12	9																50x32		
32-12S/11 °	LI	L5	22	21	19.7	165	145	9															50x32		
32-160/15 •	15	2	25.4	23.7	22.5	18.5	153																50x32		
32-160/22 •	22	3	31	29.6	28.5	24.5	22	15															50x32		
32-160/30 •	3	4	35	343	34	28	255	19	15														50x32		
32-200/30 •	3	4	44.2	43	393	352	322	24.6	193														50x32		
32-200/40 •	4	55	54.5	52	50	455	41.9	35	303														50x32		
32-250/55 •	55	75	60	595	59	55	51	345															50x32		
32-250/75 •	75	10	695	69	68.5	66	63	53															50x32		
32-250/110 •	11	15	90	89.5	89	82	79	66															50x32		
32-250/5 SDc	55	75	79.5	74.7	713	63	56	375															50x32		
32-250/7 5Dc	75	10	95	93	91	83	76	573															50x32		
40-12S/11 °	LI	15	14.7				135	115	10.1	53													65x40		
4012S/1S °	15	2	18.1				17	15	13.9	9.6	6												65x40		
40*125/22 °	22	3	24.5				232	215	202	16	13	&3											65x40		
40-160/30 •	3	4	31.8				295	275	263	215	175												65x40		
40-160/40 •	4	55	38				36	34	33	28.5	25	2Q1											65x40		
40-200/55 •	55	75	46				433	413	40.1	35	30												65x40		
40-200/75 •	75	10	57				53.6	515	50	45	41	3&5											65x40		
40*250/92 •	92	12.5	64				59	56.5	55	49.5	45	39.8											65x40		
40-250/110 •	11	15	72				675	66	63.5	575	522	47											65x40		
40-250/150*	15	20	84.5				80	773	752	71	65	61											65x40		
50-U5/22 •	22	3	17							15.4	14	128	11.5	6.5									65x50		
50-U5/30 •	3	4	20							183	18	17	15.6	11									65x50		
50-125/40 •	4	55	24							231	23	215	20.3	153	113								65x50		
50-160/55 •	55	75	32							30.6	30	28	26.6	205	14B								65x50		
50-160/75 •	75	10	40							38	37	36	34.4	29	24	21							65x50		
50-200/92 •	92	125	50.5							463	45	43	40.9	323	26.7								65x50		
50-200A10 •	11	15	57.5							535	52	50	47.5	40	34	29							65x50		
50-200/150 •	15	20	62							58	565	54.5	52	44.5	39	35.5							65x50		
50-250/150 •	15	20	68.5							64	63	615	59	50	41								65x50		
50-250/185 •	18.5	25	79							753	743	74	71.5	635	555	47							65x50		
50-250/220 •	22	30	89.5							86	853	84	81.5	735	655	57							65x50		
65-US/40 •	4	55	19									17.3	16.8	145	13	113							dOx65		
65-12S/55 •	55	75	23									213	20.9	19	175	16.7	13.7						80x65		
65-U5/75 •	75	10	27									26	25.6	245	23	22.5	20	18					80x65		
65-160/92 •	92	125	33										31.5	30	28	27.1	24	215					80x65		
65-160/110 •	11	15	36										34.5	33	315	303	28	25.5					80x65		
65 160/150 •	15	20	42										41	40	385	373	35	33	29.5				80x65		
65-200/150 •	15	20	45										45.5	43	41	402	36.5	34					80x65		
65-200/185 •	18.5	25	52										52.3	51	49	4B2	44.5	42					80x65		
65-200/220 •	22	30	59										59.5	58	56	55	52	49.5	44.5				a0x65		
65-250/220 *	22	30	64.8										64.7	62	60	53.5	53	50					80x65		
65-250/300 •	30	40	80										79.8	775	755	74.5	70	66	58				80x65		
65-250/370 •	37	50	92										90.5	88.5	87	85	80.5	78	68				80x65		
65-315/370 •	37	50	102										99.2	97	95	94.5	92.4	90	83				80x65		
65-315/450*	45	60	112										1092	107.7	1053	104.5	102.5	100	93	66			80x65		
6S-315/550*	55	75	122										1192	117.4	115.7	114.5	112.5	110	103	76			80x65		
65-315/750 •	75	100	141										1393	1373	135.6	1345	1323	130	122	96	655		80x65		
80-125/40 •	4	55	17										1&5	15.9	143	135	11.6	10	7.5				100x80		
80-125/55 •	55	75	21										2Q5	20	19	18	16.5	15	125	9LS			100x80		
80 125/75 •	75	10	26										25	25	245	233	22.5	213	145	16.5			100x80		

°=PST available ° =PS available °=PST&d°S available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	10	Motor Case	Aluminum	19	Impeller Key	Iron
2	Impeller	SS304 Cast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechanical Seal	SiC/Carbon/SS304	12	Back Cover	Cast iron	21	Connection Bolt	Steel
4	O-ring	Rubber	13	Reinforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
5	Connection	Cast iron	14	Fan Cover	Aluminum	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Plastic	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through Bolt	Steel	25	Counter Flange	Galvanized Cast iron
8	Bearing	Ball Bearing	17	Terminal Box	Aluminum	26	Flange Bolt	Steel
9	Wound Stator Rotor	Silicon Steel Copper	18	Terminal Board	Plastic			

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron

Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TÉCNICOS
1/min

60Hz n=3500

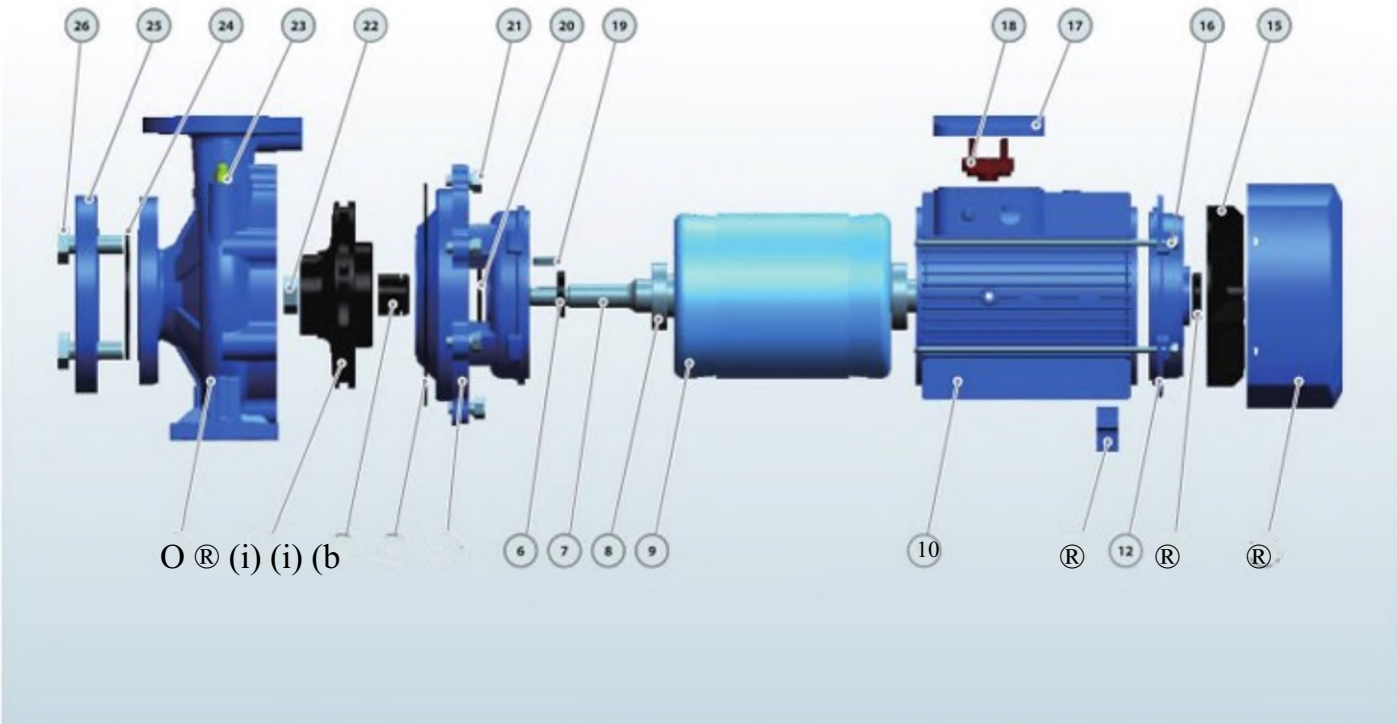
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																			DN			
	Potencia	I		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925				
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500				
				kw	hp	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	118		180	210	
			H(m)																							mm
32-12 S/07 °	0.75	1	17.5	16.7	15	12	9																50x32			
32-12S/11 °	LI	L5	22	21	19.7	165	145	9															50x32			
32-160/15 •	15	2	25.4	23.7	22.5	18.5	153																50x32			
32-160/22 •	22	3	31	29.6	28.5	24.5	22	15															50x32			
32-160/30 •	3	4	35	343	34	28	255	19	15														50x32			
32-200/30 •	3	4	44.2	43	393	352	322	24.6	193														50x32			
32-200/40 •	4	55	54.5	52	50	455	41.9	35	303														50x32			
32-250/55 •	55	75	60	595	59	55	51	345															50x32			
32-250/75 •	75	10	695	69	68.5	66	63	53															50x32			
32-250/110 •	11	15	90	89.5	89	82	79	66															50x32			
32-250/5 SDc	55	75	79.5	74.7	713	63	56	375															50x32			
32-250/7 5Dc	75	10	95	93	91	83	76	573															50x32			
40-12S/11 °	LI	15	14.7				135	115	10.1	53													65x40			
40-12S/15 °	15	2	18.1				17	15	13.9	9.6	6												65x40			
40-125/22 °	22	3	24.5				232	215	202	16	13	&3											65x40			
40-160/30 •	3	4	31.8				295	275	263	215	175												65x40			
40-160/40 •	4	55	38				36	34	33	28.5	25	2Q1											65x40			
40-200/55 •	55	75	46				433	413	40.1	35	30												65x40			
40-200/75 •	75	10	57				53.6	51.5	50	45	41	3&5											65x40			
40-250/92 •	92	12.5	64				59	56.5	55	49.5	45	39.8											65x40			
40-250/110 •	11	15	72				675	66	63.5	575	522	47											65x40			
40-250/150*	15	20	84.5				80	773	752	71	65	61											65x40			
50-U5/22 •	22	3	17							15.4	14	128	11.5	6.5									65x50			
50-U5/30 •	3	4	20							183	18	17	15.6	11									65x50			
50-125/40 •	4	55	24							231	23	215	20.3	153	113								65x50			
50-160/55 •	55	75	32							30.6	30	28	26.6	205	14B								65x50			
50-160/75 •	75	10	40							38	37	36	34.4	29	24	21							65x50			
50-200/92 •	92	125	50.5							463	45	43	40.9	323	26.7								65x50			
50-200A10 •	11	15	57.5							535	52	50	47.5	40	34	29							65x50			
50-200/150 •	15	20	62							58	565	54.5	52	44.5	39	35.5							65x50			
50-250/150 •	15	20	68.5							64	63	615	59	50	41								65x50			
50-250/185 •	18.5	25	79							753	743	74	71.5	635	555	47							65x50			
50-250/220 •	22	30	89.5							86	853	84	81.5	735	655	57							65x50			
65-US/40 •	4	55	19									17.3	16.8	145	13	113							dOx65			
65-12S/55 •	55	75	23									213	20.9	19	175	16.7	13.7						80x65			
65-U5/75 •	75	10	27									26	25.6	245	23	22.5	20	18					80x65			
65-160/92 •	92	125	33										31.5	30	28	27.1	24	215					80x65			
65-160/110 •	11	15	36										34.5	33	315	303	28	25.5					80x65			
65-160/150 •	15	20	42										41	40	385	373	35	33	29.5				80x65			
65-200/150 •	15	20	45										45.5	43	41	402	36.5	34					80x65			
65-200/185 •	18.5	25	52										52.3	51	49	4B2	44.5	42					80x65			
65-200/220 •	22	30	59										59.5	58	56	55	52	49.5	44.5				a0x65			
65-250/220 *	22	30	64.8										64.7	62	60	53.5	53	50					80x65			
65-250/300 •	30	40	80										79.8	775	755	74.5	70	66	58				80x65			
65-250/370 •	37	50	92										90.5	88.5	87	85	80.5	78	68				80x65			
65-315/370 •	37	50	102										99.2	97	95	94.5	92.4	90	83				80x65			
65-315/450*	45	60	112										1092	107.7	1053	104.5	102.5	100	93	66			80x65			
65-315/550*	55	75	122										1192	117.4	115.7	114.5	1125	110	103	76			80x65			
65-315/750 •	75	100	141										1393	1373	135.6	1345	1323	130	122	96	655		80x65			
80-125/40 •	4	55	17									1&5	15.9	143	135	11.6	10	7.5					100x80			
80-125/55 •	55	75	21									2Q5	20	19	18	16.5	15	125	9LS				100x80			
80-125/75 •	75	10	26									25	25	245	233	22.5	213	145	16.5				100x80			

°=PST available ° =PS available °=PST&d°S available/d/spon/b/e

Other Sizes Can Provide On Request.

Material Description

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	10	Motor Case	Aluminum	19	Impeller Key	Iron
2	Impeller	SS304 Cast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechanical Seal	SiC/Carbon/SS304	12	Back Cover	Cast iron	21	Connection Bolt	Steel
4	O-ring	Rubber	13	Reinforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
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8	Bearing	Ball Bearing	17	Terminal Box	Aluminum	26	Flange Bolt	Steel
9	Wound Stator Rotor	Silicon Steel Copper	18	Terminal Board	Plastic			



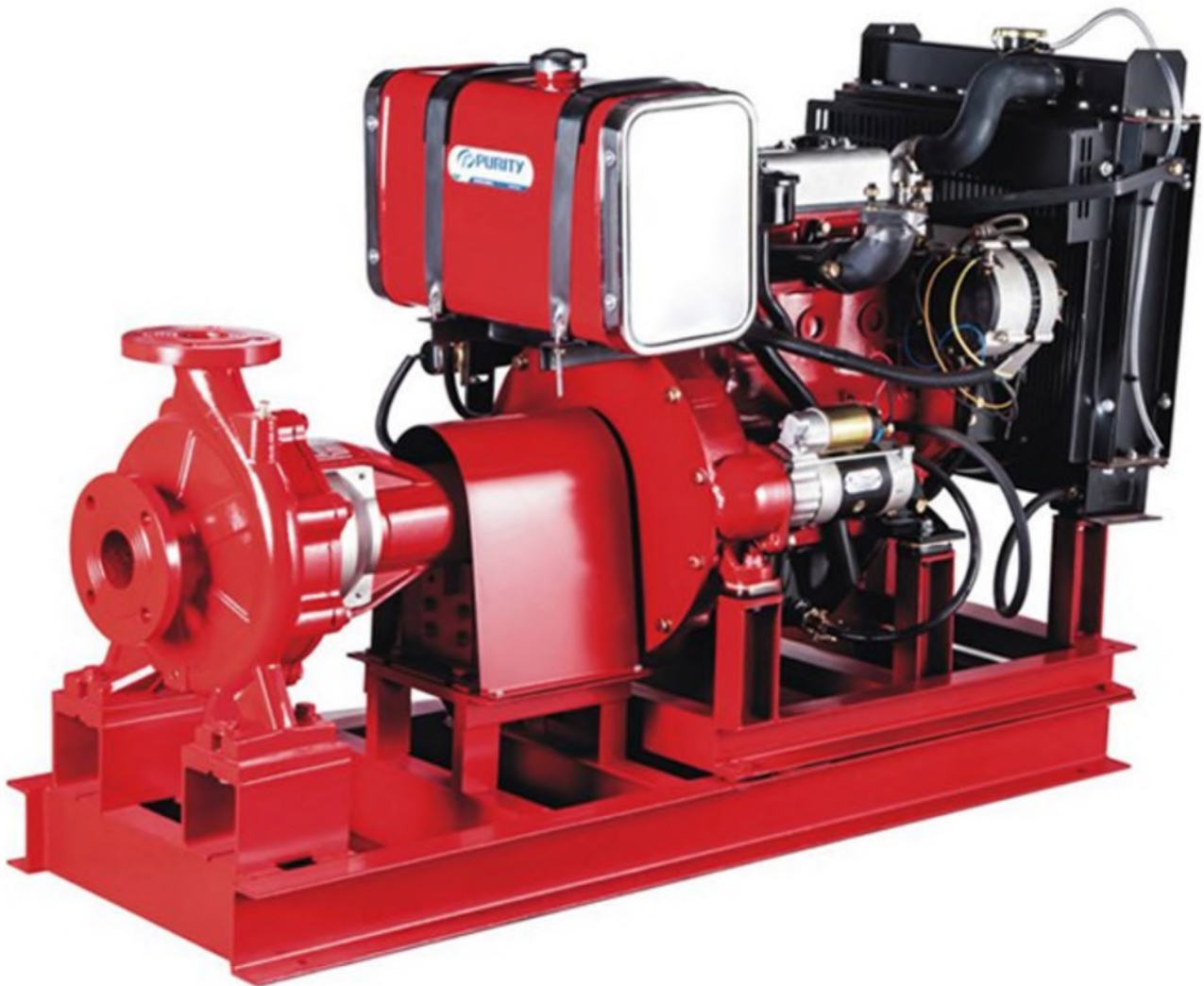
End Suction Pumps PSD

PSD End Suction Pump Coupling Diesel for Fire Fighting

TECHNICAL DESCRIPTION

- More Environmentally Friendly
- Meeting China III Emission Standard
- Low Fuel Consumption
- Strong Power
- Easy To Assemble

Product Description



PSD(PS+PD)

PS
TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
 Original design by PURITY (patented)
 Both square motor & round motor available
 YE3 high efficient motor, with protection IP55 class F
 Pump case with anti-corrosive coating
 Impeller in stainless steel AISI 304 or cast iron
 Shaft in stainless steel AISI 304 or galvanized iron
 Galvanized counter flange with bolts, nuts and gaskets
 Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
 The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
 Ambient temperature up to +50°C
 Max. working pressure 16 bar
 Continuous service S1

PATENTS

Registered model PST
 Registered Patent Design n° 201530478502.0

PD

TECHNICAL DESCRIPTION

More Environmentally Friendly
 Meeting China III Emission Standard
 Low Fuel Consumption
 Strong Power
 Easy To Assemble

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
 The diesel engine pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

PS

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE	IMPELLER SIZE						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	Cast iron	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					1	Cast iron	Cast iron

50 HZ n=2900 1/min

[illegible]

50 HZ n=2900 1/min

[illegible]

80-160/220	22	30
80-200/220	22	30
80-200/300	30	40
80-250/370	37	50
80-250/450	45	60
80-250/550	55	75
80-315/450	45	60
80-315/550	55	75
80-315/750	75	100
80-315/900	90	125
100-160/150	15	20
100-160/185	18.5	25
100-160/220	22	30
100-200/220	22	30
100-200/300	30	40
100-200/370	37	50
100-250/450	45	60
100-250/550	55	75
100-250/750	75	100
100-315/550	55	75
100-315/750	75	100
100-315/900	90	125
100-315/1100	110	150
125-200/450	45	60
125-200/550	55	75
125-200/750	75	100
125-250/550	55	75
125-250/750	75	100
125-250/900	90	125
125-250/1100	110	150
125-315/900	90	125
125-315/1100	110	150
125-315/1320	132	180
125-315/1600	160	220
150-200/750	75	100
150-200/900	90	125
150-200/1100	110	150
150-250/1100	110	150
150-250/1320	132	180
150-250/1600	160	220
150-315/1600	160	220
150-315/2000	200	270
150-315/2500	250	340

TECHICAL DATA/DATOS TECNICOS

[illegible]

65-315/55	5.5	7.5	22.1				21.2	20.6	20.2	19.2	17.3	14								80x65
65-315/75	7.5	10	26.5				25.6	25.2	24.9	24.3	23	20.8	17.6							80x65
65-315/110	11	15	34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7				80x65
80-160/15	1.5	2	7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5					100x80
80-160/22	2.2	3	8.5						8.6	8.4	8	7.4	6.6	6.2	5.7	5				100x80
80-200/30	3	4	11.2						11	10.7	10.1	9.2	8	7.3	6.6					100x80
80-200/40	4	5.5	13.8						13.8	13.6	13.3	12.4	11.3	10.7	10	9				100x80
80-250/40	4	5.5	16.5						16	15.6	14.8	13.2	11.4	10.2	9					100x80
80-250/55	5.5	7.5	19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1				100x80
80-250/75	7.5	10	23.6						23.5	23.2	22.5	21.3	19.9	19	18.1	16				100x80
80-250/110	11	15	27.6						27.5	27.2	26.5	25.3	23.9	23	22.1	20	15			100x80
80-315/55	5.5	7.5	19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1				100x80
80-315/75	7.5	10	24.6						23.9	23.6	23	21.9	20.4	19.5	18.6	16.3				100x80
80-315/110	11	15	29.9						29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5		100x80
80-315/150	15	20	36.8						36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23		100x80
80-400/185	18.5	25	40.3						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5		100x80
80-400/220	22	30	45.1						44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7		100x80
80-400/300	30	40	55.1						54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2		100x80
100-160/22	2.2	3	5.9						5.8	5.7	5.5	5.3	5	4.9	4.6	4.3				125x100
100-160/30	3	4	8.2						8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1			125x100
100-160/40	4	5.5	10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3		125x100
100-200/40	4	5.5	11.8						11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9		125x100
100-200/55	5.5	7.5	14.8						14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3		125x100
100-250/55	5.5	7.5	15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9		125x100
100-250/75	7.5	10	19.5						19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7		125x100
100-250/110	11	15	24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4	125x100
100-250/150	15	20	27.8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9	125x100
100-315/150	15	20	29.9						29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8		125x100
100-315/185	18.5	25	35						34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4		125x100
100-315/220	22	30	37						36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6		125x100
100-315/300	30	40	42						41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6		125x100
100-400/300	30	40	46.4							46	46	46	46	46	45	44	42	40	29.6	125x100
100-400/370	37	50	51.8							51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3		125x100
100-400/450	45	60	57.1							56.7	56.4	56.1	56	56	55	53	52	45	32.1	125x100

TECHICAL DATA/DATOS TÉCNICOS

50 HZ n=1450 1/min

MODEL / MODELO	PoWer/Potencia		US	Q=DELIVERY / CCAUDAL																		DN
				gpm	0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
				l/min	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000	
	kw	hp	m3/h	0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	mm	
125-200/55	5.5	7.5	Head	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9						150x125	
125-200/75	7.5	10	H(m)	14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6						150x125	
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8					150x125	
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1							150x125	
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	15.3	11.7					150x125	
125-250/150	15	20		23.2					23.3	23.1	23	22.9	22	22	19.8	16.5	12.3				150x125	
125-250/185	18.5	25		25.6					25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5				150x125	
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	23.3	19.7	14.9				150x125	
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4				150x125	
125-315/300	30	40		35.6							35.4	35.3	34.8	34.6	32.9	30.1	26.1				150x125	
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8			150x125	
125-400/220	22	30		33.4						32.8	32.5	32.1	30.5	29.7	24.7	17.3					150x125	
125-400/300	30	40		41						41	40.5	40.3	39.2	38.6	34.4	27.5	18.3				150x125	
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5				150x125	
125-400/450	45	60		51.4						51	50.9	50.8	50.1	49.8	47	42.2	34.8				150x125	
125-400/550	55	75		56.5						56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7			150x125	
150-200/110	11	15		14									13.5	13.4	13.3	13.1	12.9	11.7	7.8		200x150	
150-200/150	15	20	16.3									15.5	15.3	15.2	14.8	14.3	13.5	11.1		200x150		
150-200/185	18.5	25	18.3									17.5	17.3	17.2	16.8	16.3	15.5	13.1	10	200x150		

150-250/150	15	20	17.5														16.8	15.9	14.7	13.2	9.2					200x150
150-250/185	18.5	25	21.3														20.8	20	18.9	17.5	13.8	8.7				200x150
150-250/220	22	30	24														23.6	23	22	20.8	17.1	12				200x150
150-250/300	30	40	25.5														25	24.5	23.5	22	18.8	13.8				200x150
150-315/300	30	40	30.2														29.7	29	27.9	26.4	22.3					200x150
150-315/370	37	50	33.6														33.5	32.7	31.7	30.4	26.7	21.4				200x150
150-315/450	45	60	37.7														37.6	36.9	35.9	34.7	31.3	26.5				200x150
150-315/550	55	75	40														40	39.3	38.4	37.2	33.9	29.4				200x150
150-315/750	75	100	45														45	44.3	43.4	42.2	38.9	34.4	27			200x150
150-400/550	55	75	48.2													47.7	48	46	45	42	36.8	29.2				200x150
150-400/750	75	100	55.4													55	55	54	53	51	47	41	32.2			200x150
150-400/900	90	125	59.5													59	59	58	57	56	52	46	37.7			200x150
150-400/1100	110	150	65.5													65	65	64	63	62	58	52	43.7			200x150

MODEL/ MODELO	Power/ Potencia		US	Q=DELIVERY / CAUDAL														DN
				0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075	5586	
			gpm	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200	21133	
			l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200	21133	
	kw	hp	m3/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268	mm
200-250/185	18.5	25	Head	15.7	15.3	14.8	13.7	12.2	10.6	8.9	6.8							250x200
200-250/220	22	30	H(m)	18.5		17.2	16.2	14.8	13.1	11.1	8.7							250x200
200-250/300	30	40		23.1		21.5	20.5	19.4	17.9	16	13.6	10.8						250x200
200-315/550	55	75		31.1		30.2	29.8	29.1	27.9	25.8	23	19.2	14.8					250x200
200-315/750	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1					250x200
200-315/900	90	125		42.1		41.3	41	40.3	39	36.9	34.1	30.4	26.1					250x200
200-400/750	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5						250x200
200-400/900	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9					250x200
200-400/1100	110	150		52.4		52.2	51.9	51.2	50	48	45.1	41.2	36.2					250x200
200-400/1320	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6				250x200
250-315/550	55	75		26.1			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5			300x250
250-315/750	75	100		35.4			35.2	34.7	33.8	32.5	30.4	28	25	21.8	16.4			300x250
250-315/900	90	125		39.8			39.8	39.5	38.8	37.9	36	33.9	31	27.9	22.5			300x250
250-400/1100	110	150		45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9		300x250
250-400/1320	132	180		50.8			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5		300x250
250-400/1600	160	220		56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250

PD
TECHNICAL DATA

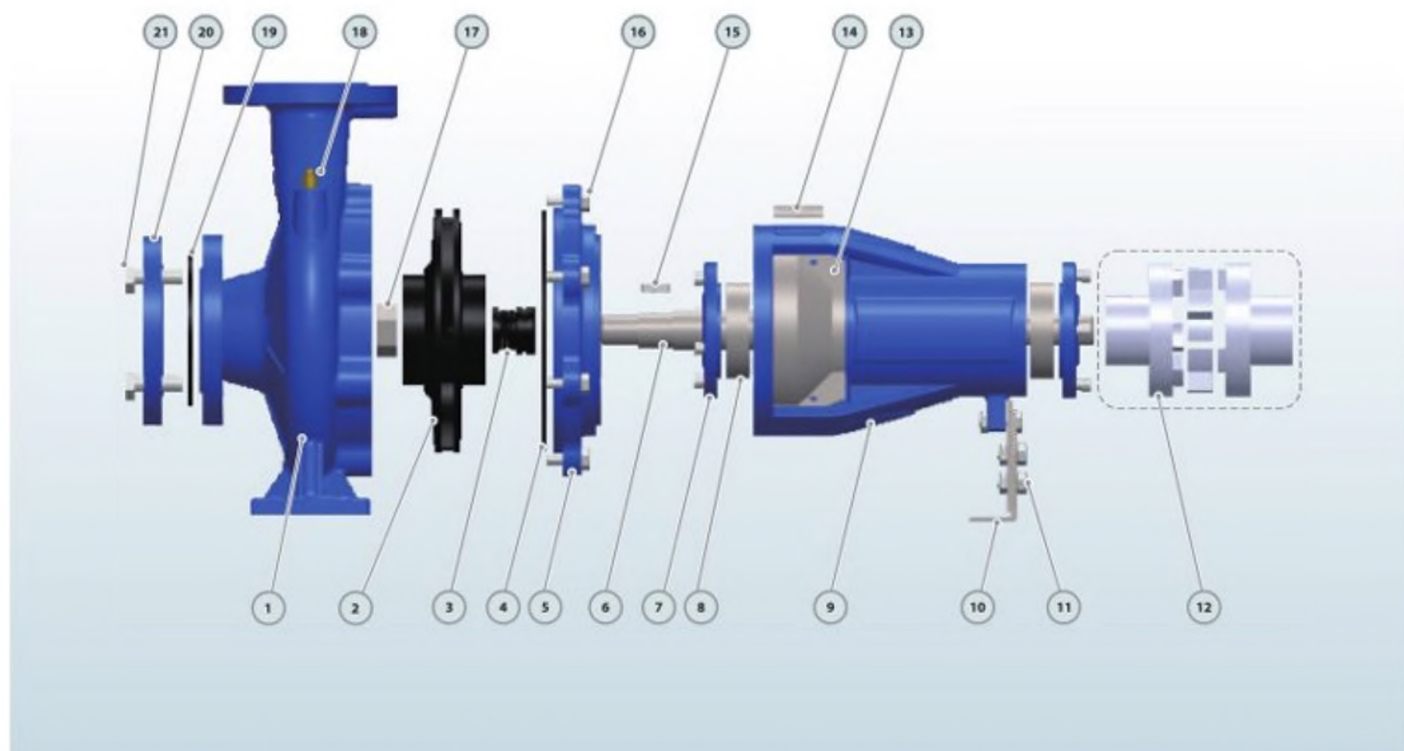
Model	178	186	188	192	380	385	480	485	490N	490	495	
Type	Single-cylinder,4-stroke,air-cooled				Direct Injection, Water-cooling, Four Stroke							
Intake Type	Naturally Aspirated											
Bore*Stroke(mm*mm)	78*62	86*72	88*75	92*75	80*90	85*90	80*90	85*100	90*100	90*105	95*105	
Cylinder No.	1	1	1	1	3	3	4	4	4	4	4	
Displacement (L)	0.296	0.418	0.456	0.499	1.357	1.532	1.8	2.27	2.54	2.67	2.977	
Rated Power/ 8speed(kW/r/min)	3.7/3000 4.0/3600	5.7/3000 6.3/3600	6.6/3000 7.2/3600	7.5/3000 8.2/3600	20/3000	24/3000	28/3000	26/3000	42/3000	45/3000	50/3000	
Horse Power	5.0/3000 5.5/3600	7.8/3000 8.6/3600	9.0/3000 10.0/3600	10.2/3000 12.0/3600	27	32	38	49	58	61	68	
Power Coverage(kW)	≤11	≤11	≤11	≤11	≤37	≤37	≤37	≤55	≤55	≤55	≤75	

Model	498	4102	4105	4108	485Z	490NZ	490Z	498Z	4102Z	4105Z	4108Z
Type	Direct Injection, Water-cooling, Four Stroke										
Intake Type	Naturally Aspirated				Turbo-charging						
Bore*Stroke(mm*mm)	98*105	102*118	105*118	108*118	85*100	90*100	90*105	98*105	102*118	105*118	108*118
Cylinder No.	4	4	4	4	4	4	4	4	4	4	4
Displacement (L)	3.168	3.857	4.087	4.324	2.27	2.54	2.67	3.168	3.857	4.087	4.324

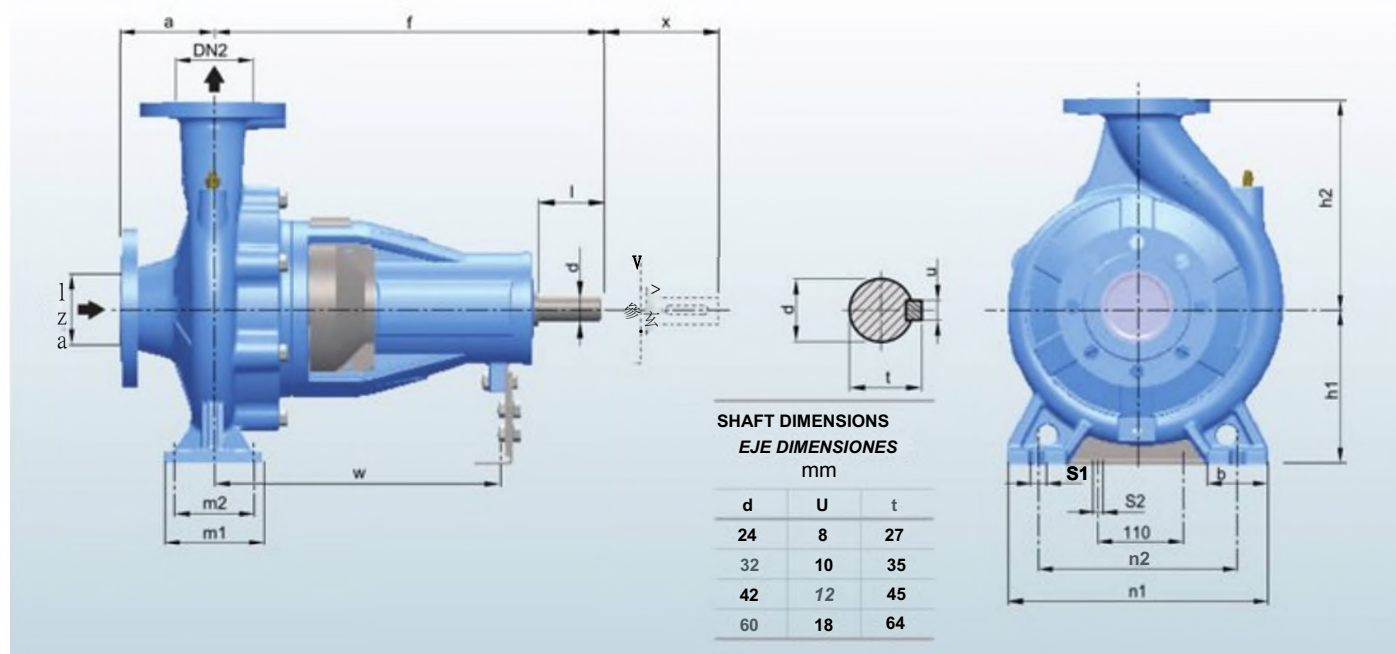
Rated Power/ Speed(kW/r/min)	54/3000	62/3000	67/3000	73/3000	44/3000	50/3000	55/3000	60/3000	73/3000	75/3000	83/3000
Horse Power	73	85	91	99	60	68	75	81	99	102	113
Power Coverage(kW)	≤75	≤100	≤100	≤100	≤55	≤55	≤55	≤75	≤100	≤100	≤100

PS

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



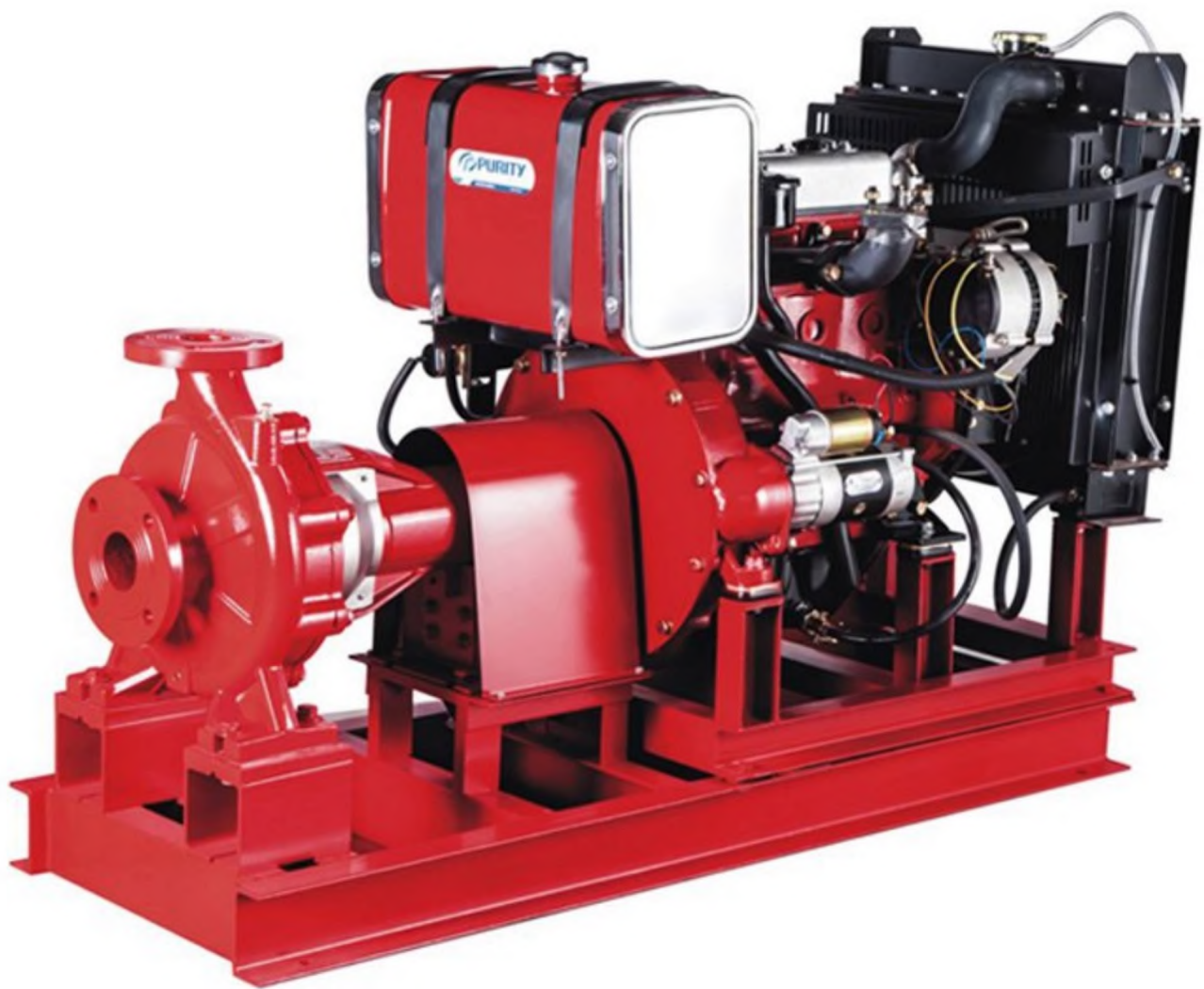
No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon /SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel



MODEL MODELO	DIMENSIONS / DIMENSIONES mm																kg	
	DN1	DN2-a	f	hi	h2	b	ml	m2	n1	n2	s1	s2	w	x	d	l		
32-160	50	1	80	60	32	160	55	8	70	240	1	4	14	60	140	24	50	S
32-200	80	^	80	60	60	180	55	8	70	240	1	4	14	60	140	24	50	S
32-250	80		80	60	60	160	55	8	70	240	1	4	14	60	140	24	50	S
40-160	65	S	80	60	32	180	50	100	70	265	2	4	14	60	140	24	50	S
40-200	65	S	80	60	32	225	55	125	95	320	2	4	14	60	140	24	50	S
40-250	65	S	80	60	32	160	65	100	70	240	1	4	14	60	140	24	50	S
S0-12S	65	?	80	60	32	180	50	1	70	265	2	4	14	60	140	24	50	S
S0160	68		80	60	32	225	50	1	95	320	2	4	14	60	140	24	50	S
50-200	88	S	80	60	32	180	65	12s	95	280	2	4	14	60	140	24	50	S
50-250	80	S	80	60	32	200	65	12s	95	280	2	4	14	60	140	24	50	S
65125	88	S	80	60	32	225	65	160	95	320	2	4	14	60	140	24	50	S
65-160	88	S	80	60	32	280	65	125	12	360	2	4	14	60	140	24	50	S
65-200	100	S	80	60	32	225	s	3	18	320	2	4	14	60	140	24	50	S
6S250	100	S	80	60	32	225	65	160	95	45	2	4	14	60	140	24	50	S
6S-31S	100	S	80	60	32	280	65	160	95	45	2	4	14	60	140	24	50	S
80125	100	S	80	60	32	315	65	160		400	3	4	14	60	140	24	50	S
80.160	100	S	80	60	32	355	88	160		400	3	4	14	60	140	24	50	S
80-200		S	80	60	32	280	88	160		360	2	4	14	60	140	24	50	S
80-250		S	80	60	32	280	80	200	1	410	3	4	14	60	140	24	50	S
80-315		S	80	60	32	315	80	200	20	450	4	4	14	60	140	24	50	S
80-400		S	80	60	32	315	88	200	20	450	4	4	14	60	140	24	50	S
100-160	125	S	80	60	32	355	80	200	20	410	3	4	14	60	140	24	50	S
100-200	125	S	80	60	32	355	80	200	20	400	3	4	14	60	140	24	50	S
100-250	125	S	80	60	32	355	80	200	20	400	3	4	14	60	140	24	50	S
100-315	150	S	80	60	32	400	100	200	20	550	4	4	14	60	140	24	50	S
100-400	150	S	80	60	32	400	100	200	20	550	4	4	14	60	140	24	50	S
125200	150	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
12S-2S0	150	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
125315	150	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
125-400	200	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
150-200	200	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
150-250	250	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
150-315	250	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
150-400	200	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
200-250	300	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
200-315	3	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
200-400		S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
250-315		S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
250-400		S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S

Product Specification (60HZ)

Product Description



PSD(PS+PD)

PS
TECHNICAL DESCRIPTION
New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available

YE3 high efficient motor, with protection IP55 class F
 Pump case with anti-corrosive coating
 Impeller in stainless steel AISI 304 or cast iron
 Shaft in stainless steel AISI 304 or galvanized iron
 Galvanized counter flange with bolts, nuts and gaskets
 Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
 The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
 Ambient temperature up to +50°C
 Max. working pressure 16 bar
 Continuous service S1

PATENTS

Registered model PST
 Registered Patent Design n° 201530478502.0

PD

TECHNICAL DESCRIPTION

More Environmentally Friendly
 Meeting China III Emission Standard
 Low Fuel Consumption
 Strong Power
 Easy To Assemble

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
 The diesel engine pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

PS

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE	IMPELLER SIZE						
	125	160	200	250	250D	315	400
32	SS304	SS304	SS304	Cast iron	SS304		
40	Cast iron	Cast iron	Cast iron	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					1	Cast iron	Cast iron

TECHNICAL DATA / DATOS TÉCNICOS

60Hz n=3500 1/min

MODEL/ MODELO	Power/Potencia	US	Q=DELIVERY / CAUDAL																		DN
			gpm	0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	

80-250/370	37	50
80-250/450	45	60
80-250/550	55	75
80-315/450	45	60
80-315/550	55	75
80-315/750	75	100
80-315/900	90	125
100-160/150	15	20
100-160/185	18.5	25
100-160/220	22	30
100-200/220	22	30
100-200/300	30	40
100-200/370	37	50
100-250/450	45	60
100-250/550	55	75
100-250/750	75	100
100-315/550	55	75
100-315/750	75	100
100-315/900	90	125
100-315/1100	110	150
125-200/450	45	60
125-200/550	55	75
125-200/750	75	100
125-250/550	55	75
125-250/750	75	100
125-250/900	90	125
125-250/1100	110	150
125-315/900	90	125
125-315/1100	110	150
125-315/1320	132	180
125-315/1600	160	220
150-200/750	75	100
150-200/900	90	125
150-200/1100	110	150
150-250/1100	110	150
150-250/1320	132	180
150-250/1600	160	220
150-315/1600	160	220
150-315/2000	200	270
150-315/2500	250	340

71.5	70.9	70.5	65.5	59.3	51	43.2	38.5													100:
88	86.7	86	83.6	78.5	70.5	60	51													100:
94.5	94.5	94.5	91.8	87	79.5	72.1	68.3													100:
85	84	82.6	82	78	68.3	61	56													100:
98	97	95.6	95	91	81.3	74	69													100:
124	123	121.6	121	117	107.3	100	95	90	80.8											100:
144	143	141.6	141	137	127.3	120	115	110	100.8											100:
35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15											125x'
38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18											125x'
43	41	40	37.6	35.2	31.5	28.5	27	25.3	22											125x'
38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13									125x'
44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18									125x'
55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29									125x'
65	65	64	63	61	58	56	55	53.3	50	39	33.5									125x'
77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59									125x'
91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48								125x'
80			79	77.4	75	74	73.5	73	71.3	68	66	60								125x'
100			99	97.4	95	94	93.5	93	91.3	88	86	80								125x'
118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98								125x'
138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118								125x'
39.8			39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25							150x'
49.8			49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35							150x'
60.8			60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46							150x'
70			67	65	64	63	62	61	59.5	57	56	53								150x'
80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5							150x'
87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7							150x'
97			94	92	91	90	89	88	87	84.6	83.9	80.4	76							150x'
89						87	86	85	83.7	81.5	81	77	74	61						150x'
103						101	100	99	97.8	95.5	95	91.5	88.2	75.6						150x'
118						116	115	114	112.5	110.5	110.3	106.5	103.2	91						150x'
138						136.8	135.9	135	133.7	131.5	131	127.5	124.2	112						150x'
50								48	47.9	47.6	47.2	46.7	46.4	40.6	36.8	25.2				200x'
56								54	53.9	53.6	53.2	52.7	52.4	48	42.8	31.2				200x'
65.2								62	61.7	61.2	60.8	59.8	59.2	57.2	54	46				200x'
67												64.2	62	60.6	55.8	49.8	33.8			200x'
80.2												78.2	76.3	75	70.6	65	50.2	29.8		200x'
90												88.4	87	86	82	77.2	62.4	42		200x'
92												90	88.3	87.2	82.8	76.8	60.4			200x'
111												110.6	108.7	107.4	103.4	98.2	83.4	62.2		200x'
135												135.4	133.7	132.6	128.6	123.8	110.2	91		200x'

TECHNICAL DATA / DATOS TÉCNICOS

60Hz n=1750 1/min

MODEL/MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL																			DN
				gpm	0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881	1101	
			l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4166		
			m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	mm	
65-160/11	1.1	1.5	Head	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4									80x65	
65-160/15	1.5	2	H(m)	9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6									80x65	
65-160/22	2.2	3		10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5								80x65	
65-200/15	1.5	2		10			9.6	9.1	8.5	8.2	7.6	6.4	4.6									80x65	
65-200/22	2.2	3		12.4			12.2	11.8	11.3	11	10.4	9.3	7.6									80x65	
65-200/30	3	4		14.4			14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5								80x65	
65-250/30	3	4		15.4			14.6	13.9	13.1	12.6	11.6	9.7	6.7									80x65	
65-250/40	4	5.5		19			18.3	17.8	17.2	16.9	16.1	14.4	11.7									80x65	
65-250/55	5.5	7.5		22.3			21.3	20.9	20.3	19.9	19.2	17.7	15.1	12								80x65	
65-315/40	4	5.5		18.6			17.9	17.3	16.7	16.2	15.2	13.3										80x65	
65-315/55	5.5	7.5		22.1				21.2	20.6	20.2	19.2	17.3	14									80x65	
65-315/75	7.5	10		26.5				25.6	25.2	24.9	24.3	23	20.8	17.6								80x65	
65-315/110	11	15		34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7					80x65	

TECHNICAL DATA / DATOS TÉCNICOS 60Hz n=1750 1/min

150-250/300	30	40	25.5									25	24.5	23.5	22	18.8	13.8		200x150
150-315/300	30	40	30.2									29.7	29	27.9	26.4	22.3			200x150
150-315/370	37	50	33.6									33.5	32.7	31.7	30.4	26.7	21.4		200x150
150-315/450	45	60	37.7									37.6	36.9	35.9	34.7	31.3	26.5		200x150
150-315/550	55	75	40									40	39.3	38.4	37.2	33.9	29.4		200x150
150-315/750	75	100	45									45	44.3	43.4	42.2	38.9	34.4	27	200x150
150-400/550	55	75	48.2								47.7	48	46	45	42	36.8	29.2		200x150
150-400/750	75	100	55.4								55	55	54	53	51	47	41	32.2	200x150
150-400/900	90	125	59.5								59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150	65.5								65	65	64	63	62	58	52	43.7	200x150

TECHNICAL DATA / DATOS TÉCNICOS

60Hz n=1750 1/min

MODEL/ MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL														DN	
				gpm	0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075		5586
					l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267		19200
	kw	hp	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268		mm
200-250/185	18.5	25	H(m)	15.7	15.3	14.8	13.7	12.2	10.6	8.9	6.8							250x200	
200-250/220	22	30		18.5		17.2	16.2	14.8	13.1	11.1	8.7							250x200	
200-250/300	30	40		23.1		21.5	20.5	19.4	17.9	16	13.6	10.8						250x200	
200-315/550	55	75		31.1		30.2	29.8	29.1	27.9	25.8	23	19.2	14.8					250x200	
200-315/750	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1					250x200	
200-315/900	90	125		42.1		41.3	41	40.3	39	36.9	34.1	30.4	26.1					250x200	
200-400/750	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5						250x200	
200-400/900	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9					250x200	
200-400/1100	110	150		52.4		52.2	51.9	51.2	50	48	45.1	41.2	36.2					250x200	
200-400/1320	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6				250x200	
250-315/550	55	75		26.1			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5			300x250	
250-315/750	75	100		35.4			35.2	34.7	33.8	32.5	30.4	28	25	21.8	16.4			300x250	
250-315/900	90	125	39.8			39.8	39.5	38.8	37.9	36	33.9	31	27.9	22.5			300x250		
250-400/1100	110	150	45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9		300x250		
250-400/1320	132	180	50.8			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5		300x250		
250-400/1600	160	220	56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250		

PD

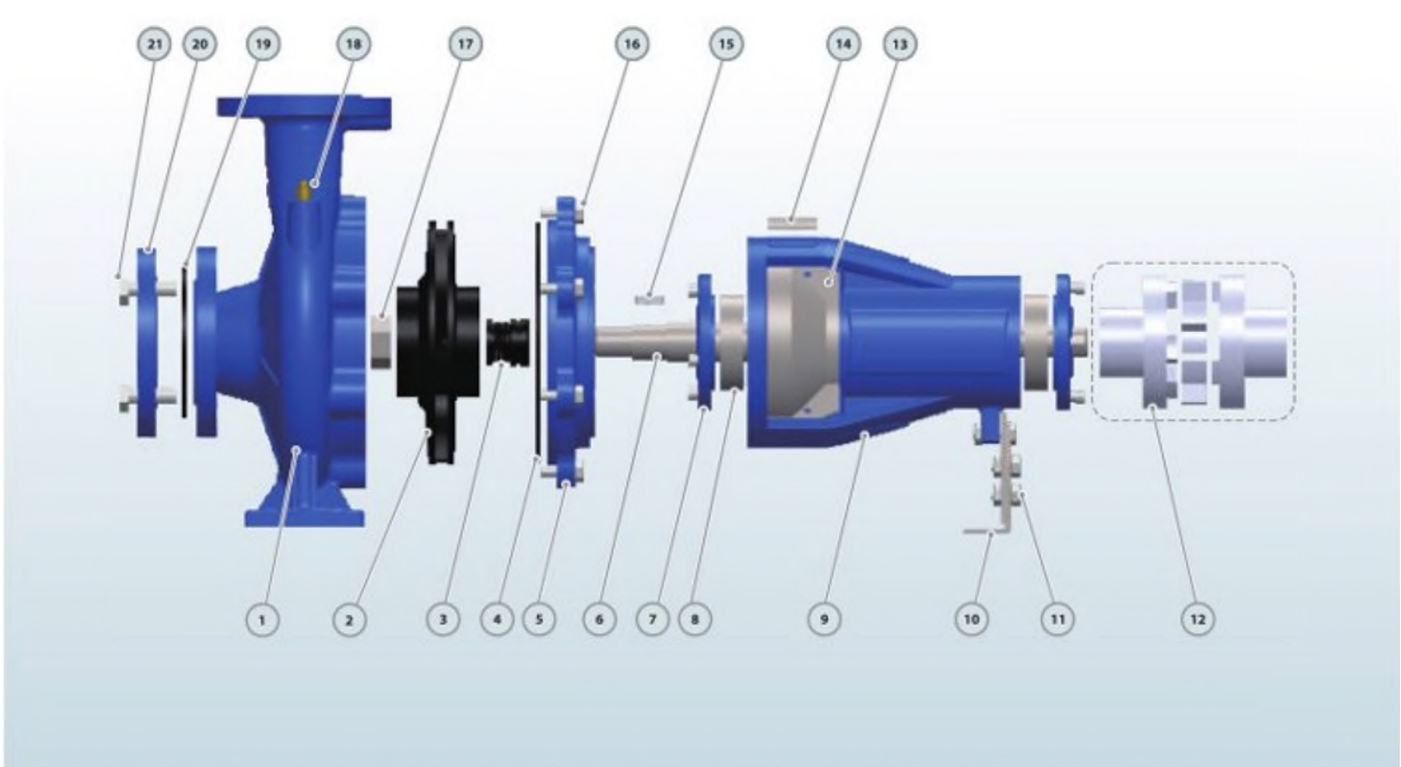
TECHNICAL DATA

Model	178	186	188	192	380	385	480	485	490N	490	495	
Type	Single-cylinder,4-stroke,air-cooled				Direct Injection, Water-cooling, Four Stroke							
Intake Type	Naturally Aspirated											
Bore*Stroke(mm*mm)	78*62	86*72	88*75	92*75	80*90	85*90	80*90	85*100	90*100	90*105	95*105	
Cylinder No.	1	1	1	1	3	3	4	4	4	4	4	
Displacement (L)	0.296	0.418	0.456	0.499	1.357	1.532	1.8	2.27	2.54	2.67	2.977	
Rated Power/ 8speed(kW/r/min)	3.7/3000 4.0/3600	5.7/3000 6.3/3600	6.6/3000 7.2/3600	7.5/3000 8.2/3600	20/3000	24/3000	28/3000	26/3000	42/3000	45/3000	50/3000	
Horse Power	5.0/3000 5.5/3600	7.8/3000 8.6/3600	9.0/3000 10.0/3600	10.2/3000 12.0/3600	27	32	38	49	58	61	68	
Power Coverage(kW)	≤11	≤11	≤11	≤11	≤37	≤37	≤37	≤55	≤55	≤55	≤75	

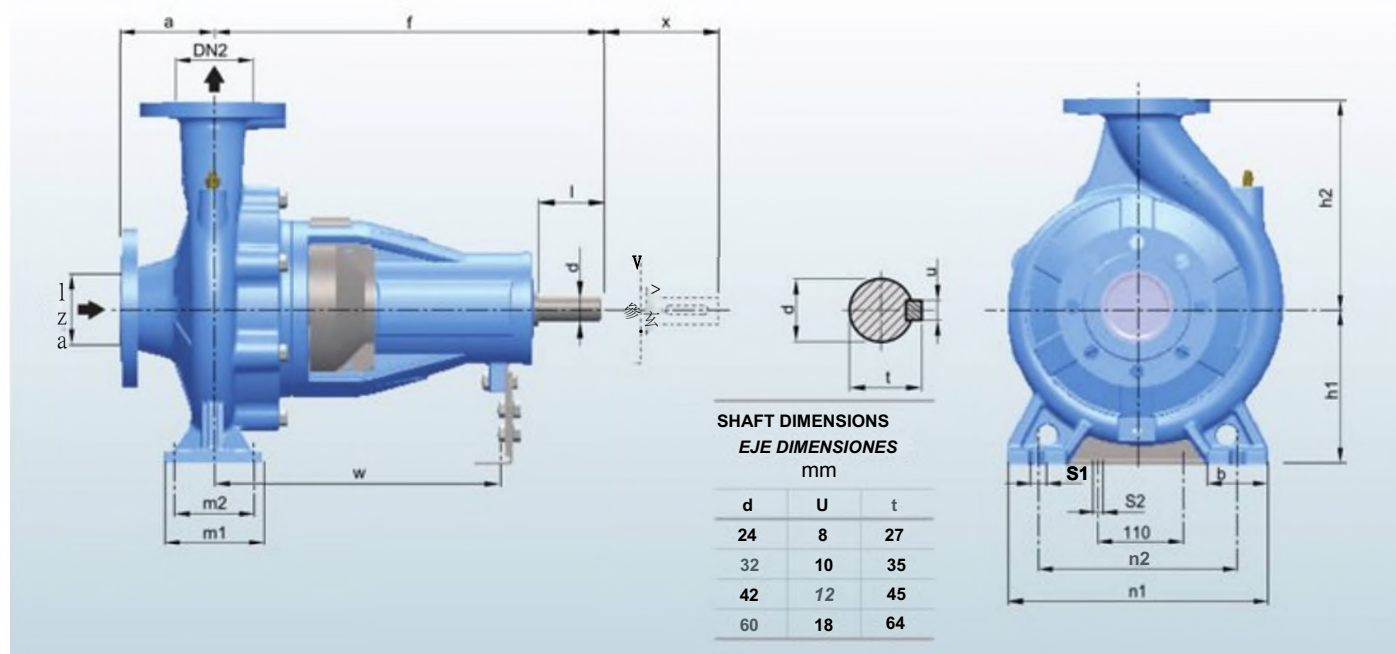
Model	498	4102	4105	4108	485Z	490NZ	490Z	498Z	4102Z	4105Z	4108Z
Type	Direct Injection, Water-cooling, Four Stroke										
Intake Type	Naturally Aspirated					Turbo-charging					
Bore*Stroke(mm*mm)	98*105	102*118	105*118	108*118	85*100	90*100	90*105	98*105	102*118	105*118	108*118
Cylinder No.	4	4	4	4	4	4	4	4	4	4	4
Displacement (L)	3.168	3.857	4.087	4.324	2.27	2.54	2.67	3.168	3.857	4.087	4.324
Rated Power/ Speed (kW/r/min)	54/3000	62/3000	67/3000	73/3000	44/3000	50/3000	55/3000	60/3000	73/3000	75/3000	83/3000
Horse Power	73	85	91	99	60	68	75	81	99	102	113

PS

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon /SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel



MODEL MODELO	DIMENSIONS / DIMENSIONES mm																	kg
	DN1	DN2-a	f	hi	h2	b	ml	m2	n1	n2	s1	s2	w	x	d	l		
32-160	50	1	80	60	32	160	55	8	70	240	1	4	14	60	140	24	50	S
32-200	80	^	80	60	60	180	55	8	70	240	1	4	14	60	140	24	50	S
32-250	80		80	60	60	160	55	8	70	240	1	4	14	60	140	24	50	S
40-160	65	S	80	60	32	180	50	100	70	265	2	4	14	60	140	24	50	S
40-200	65	S	80	60	32	225	55	125	95	320	2	4	14	60	140	24	50	S
40-250	65	S	80	60	32	160	65	100	70	240	1	4	14	60	140	24	50	S
S0-12S	65	?	80	60	32	180	50	1	70	265	2	4	14	60	140	24	50	S
S0160	68		80	60	32	225	50	1	95	320	2	4	14	60	140	24	50	S
50-200	88	S	80	60	32	180	65	12s	95	280	2	4	14	60	140	24	50	S
50-250	80	S	80	60	32	200	65	12s	95	280	2	4	14	60	140	24	50	S
65125	88	S	80	60	32	225	65	160	95	320	2	4	14	60	140	24	50	S
65-160	88	S	80	60	32	280	65	125	12	360	2	4	14	60	140	24	50	S
65-200	100	S	80	60	32	225	s	3	18	320	2	4	14	60	140	24	50	S
6S250	100	S	80	60	32	225	65	160	95	45	2	4	14	60	140	24	50	S
6S-31S	100	S	80	60	32	280	65	160	95	45	2	4	14	60	140	24	50	S
80125	100	S	80	60	32	315	65	160		400	3	4	14	60	140	24	50	S
80.160	100	S	80	60	32	355	88	160		400	3	4	14	60	140	24	50	S
80-200		S	80	60	32	280	88	160		360	2	4	14	60	140	24	50	S
80-250		S	80	60	32	280	80	200	1	410	3	4	14	60	140	24	50	S
80-315		S	80	60	32	315	80	200	20	450	4	4	14	60	140	24	50	S
80-400		S	80	60	32	315	88	200	20	450	4	4	14	60	140	24	50	S
100-160	125	S	80	60	32	355	80	200	20	410	3	4	14	60	140	24	50	S
100-200	125	S	80	60	32	355	80	200	20	400	3	4	14	60	140	24	50	S
100-250	125	S	80	60	32	355	80	200	20	400	3	4	14	60	140	24	50	S
100-315	150	S	80	60	32	400	100	200	20	550	4	4	14	60	140	24	50	S
100-400	150	S	80	60	32	400	100	200	20	550	4	4	14	60	140	24	50	S
125200	150	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
12S-2S0	150	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
125315	150	S	80	60	32	450	100	200	20	550	4	4	14	60	140	24	50	S
125-400	200	S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
150-200	200	S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
150-250	250	S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
150-315	250	S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
150-400	200	S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
200-250	300	S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
200-315	3	S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
200-400		S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
250-315		S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S
250-400		S	80	60	32	400	100	200	20	710	4	4	14	60	140	24	50	S



End Suction Pumps PS

[PS]Bare Shaft Pump End Suction Fire Pump for Fire Fighting System

TECHNICAL DESCRIPTION

- New pump design for fire fighting
- Original design by PURITY (patented)
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Impeller in stainless steel AISI 304 or brass
- Shaft in stainless steel AISI 304
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seal
- Models for capacities from 80-5000 US GPM

ADVANTAGES

Our Eight Strengths



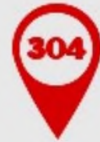
Energy-saving
Certificate



Large Flow
Capacity



YE3 Motor IP55 ClassF
All Copper Wire



Stainless Steel 304
Impeller & Shaft



Anti-corrosive
Coating



NSK
Bearing

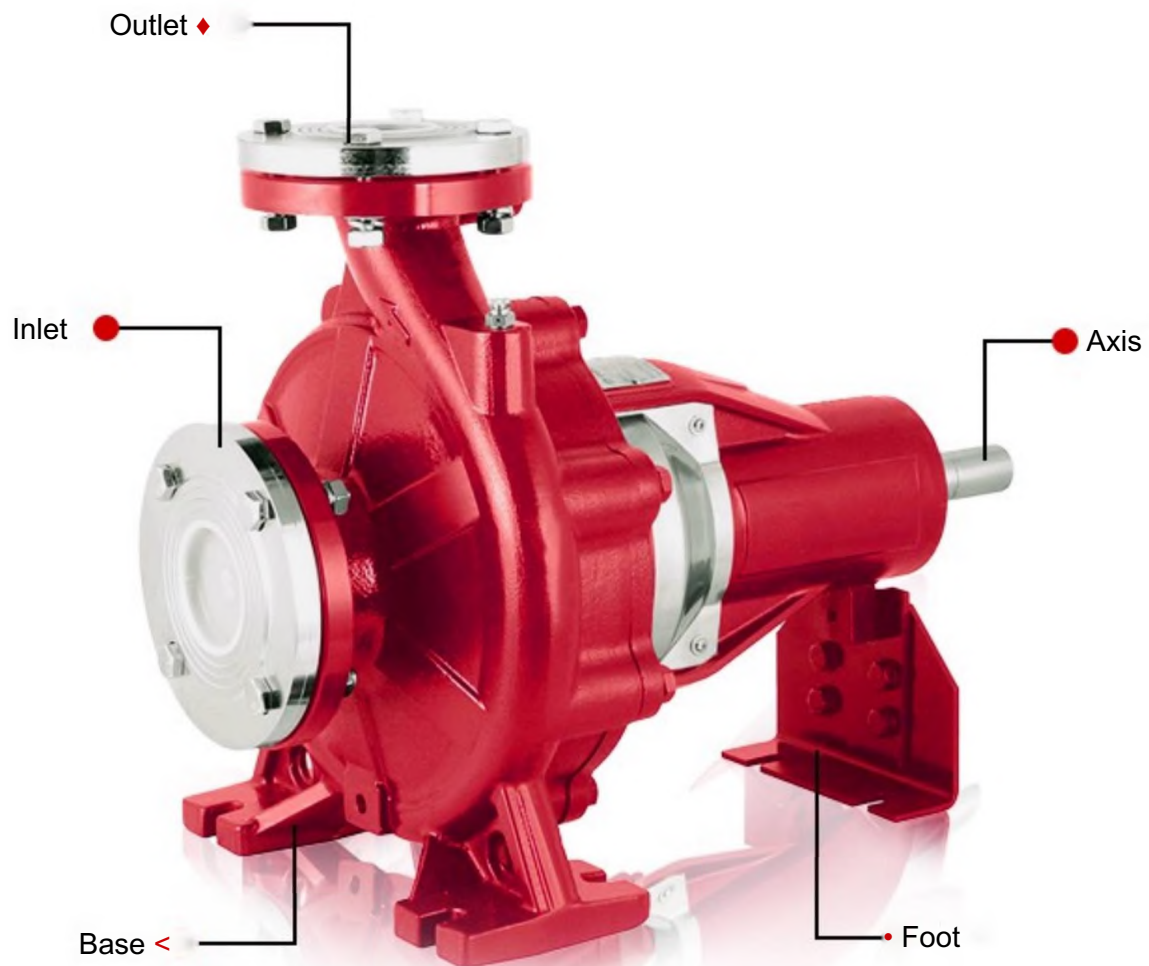


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION





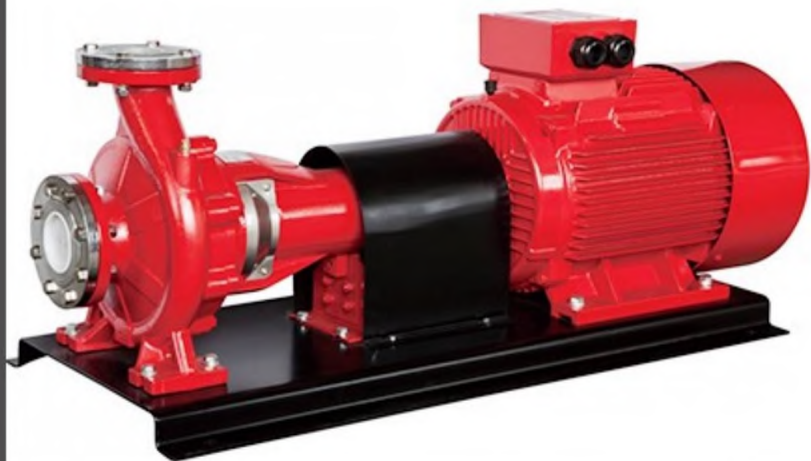
PS



YE3

Aombination

**PS
+
YE3
=
PSM**



PSM

TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE	IMPELLER SIZE						
	125	160	200	250	250D	31S	400
32	Ss3O4	Ss3O4	Ss3O4	Cast iron	Ss3O4		
40	Cast iron	Cast iron	Ss3O4	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast von	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast *on
125			Cast iron	Cast iron	/	Cast iron	Castvon
150			Cast iron	Cast iron	/	Cast von	Cast von
200				Cast iron	/	Cast rort	Cast ron
250					/	Cast iron	Cast iron

TECHNICAL DATA

GPM	Bar	Pump for diesel 2900rpm	Pump for electric 3500rpm	Motor pump 3500rpm
80	7	PS32-250/75	PS32-200/75	PST32-200/75
100	7	PS32-250/75	PS32-200/75	PST32-200/75
120	7	PS32-250/75H	PS32-200/75H	PST32-200/75D
150	7	PS40-250/110	PS40-200/110	PST40-200/110
200	7	PS40-250/150	PS40-200/150	PST40-200/150
250	7	PS50-250/185	PS50-200/185	PST50-200/185
300	7	PS50-250/220	PS50-200/220	PST50-200/220
350	7	PS50-250/220	PS50-200/220	PST50-200/220
400	7	PS65-250/300	PS65-200/300	PST65-200/300
500	7	PS65-250/300	PS65-200/300	PST65-200/300
500	8	PS6S-250/370	PS6S-200/370	PST6S-200/370
500	9	PS6S-315/370	PS6S-250/370	-
500	10	PS6S-315/450	PS6S-250/450	-
500	11	PS6S-315/550	PS6S-250/550	-
500	12	PS6S-315/750	PS6S-250/750	-
500	13	PS6S-315/750	PS6S-250/750	-
750	7	PS80-250/450	PS80-200/450	PST80-200/450
750	8	PS80-250/550	PS80-200/550	PST80-200/550
750	9	PS80-315/750	PS80-250/750	-
750	10	PS80-315/750	PS80-250/750	-
750	11	PS80-315/750	PS80-250/750	-
750	12	PS80-315/900	PS80-250/900	-
750	13	PS80-315/900	PS80-250/900	-
1000	7	PS100-250/550	PS100-200/550	PST100-200/550
1000	8	PS100-250/750	PS100-200/750	PST100-200/750
1000	9	PS100-315/750	PS100-250/750	-
1000	10	PS10Q-315/900	PS100-250/900	-
1000	11	PS100-315/900	PS100-250/900	-
1000	12	PS100-315/1100	PS100-250/1100	-
1000	13	PS100-315/1100	PS100-250/1100	-
1000	14	PSC80-370A1/1320	PSC80-370A1/1320	-
1000	15	PSC80-370A1/1320	PSC80-370A1/1320	-
1250	7	PS125-250/900	PS125-200/900	-
1250	8	PS125-250/1100	PS125-200/1100	-
1250	9	PS125-315/1100	PS125-250/1100	-
1250	10	PS125-315/1320	PS125-250/1320	-
1250	11	PS125-315/1320	PS125-250/1320	-
1250	12	PS125-315/1600	PS125-250/1600	-
1250	13	PS12S-315/1600	PS12S-250/1600	-

50/60 Hz n=2900/3500 1/min

GPM	Bar	Pump for diesel 2900rpm	Pump for electric 3500rpm	Motor pump 3500rpm
1250	14	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	-	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	17	PSC100-375BV2500	PSC100-375B1/2500	-
1500	8	PS125-250/1100	PS125-200/1100	-
1500	9	PS125-315/1100	PS125-250/1100	-
1500	10	PS125-315/1320	PS125-250/1320	-
1500	11	PS125-315/1320	PS12S-250/1320	-
1500	12	PS125-315/1600	PS125-250/1600	-
1500	13	PS125-315/1600	PS125-250/1600	-
1500	15	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	18	PSC100-375A1/2500	PSC100-375AV2500	-
2000	8	PS150-25Q/1600	PS150-200/1600	-
2000	-	PS150-315/2000	PS150-250/2000	-
2000	11	PSC125-290A1/2000	PSC125-290AV2000	-
2000	12	PSC125-365A3/2500	PSC125-365A3/2500	-
2000	13	PS150-315/2500	PS150-250/2500	-
2000	15	PSC125-365A2/3150	PSC125-365A2/3150	-
2000	17	PSC125-565BV3550	PSC125-365B1/3550	-
2500	8	PS150-250/1600	PS150-200/1600	-
2500	10	PS150-315/2000	PS150-250/2000	-
2500	12	PS150-315/2500	PS150-250/2500	-
2500	13	PSC150-460B2/3150	PSC150-460B2/3150	-
2500	15	PSC125-365A2/3550	PSC125-365A2/3550	-
2500	X7	PSC125-565BV3550	PSC125-365B1/3550	-
3000	10	PSC150-360A3/2500	PSC150-360A3/2500	-
3000	12	PSC150-360A2/3550	PSC150-360A2/3550	-
3000	13	PSC150-460B2/3550	PSC150-460B2/3550	-
3000	14	PSC150-360B1/4000	PSC150-360B1/4000	-
3000	16	PSC150-460BV4500	PSC150-460BV4500	-
4000	11	PSC200-420B3/4000	PSC200-420B3/4000	-
4000	14	PSC200-420B2/5000	PSC200-420B2/5000	-
4000	-	PSC150-360A1/5000	PSC150-360AV5000	-
4000	17	PSC150-460A1/5600	PSC150-460A1/5600	-
5000	10	PSC200-320B2/4000	PSC200-320B2/4000	-
5000	11	PSC200-320B1/5000	PSC200-320B1/5000	-
5000	12	PSC200-320A1/5600	PSC200-320AV5600	-
5000	14	PSC200-420A2/5600	PSC200-420A2/5600	-
5000	16	PSC200-420B1/7100	PSC200-420B1/7100	-
5000	17	PSC200-420A1/8000	PSC200-420A1/8000	-

TECHNICAL DATA

SO Hz n=29001/min
60 Hz n=35001/min

MODEL	Power		US gpm l/min m³/h	Q=DELIVERY																			DN
				0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925	
	0	100		ISO	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500			
	kw	HP		0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	
32-125/07	0.75	1	17.5	16.7	15	12	9															50x32	
32-125/11	1.1	L5	22	21	19.7	16.5	14.5	9														50x32	
32-160/15	IS	2	25.4	23.7	22.5	18.5	15.8															50x32	
32-160/22	2.2	3	31	29.6	28.5	24.5	22	15														50x32	
32-160/30	3	4	35	34.3	34	28	25.5	19	15													50x32	
32-200/30	3	4	44.2	43	39.8	35.2	32.2	24.6	19.8													50x32	
32-200/40	4	5.5	M.5	52	50	45.5	41.9	35	30.3													50x32	
32-250/55	5.5	7.5	60	59S	59	55	51	45														50x32	
32-250/75	7.5	10	69.5	69	68.5	66	63	S3														50x32	
32-250/110	11	15	90	89.5	89	82	79	66														50x32	
32-250/55D	55	7.5	79.5	74.7	71.8	63	56	37.5														50x32	
32-250/75D	7.5	10	9S	93	91	83	76	S78														50x32	
40-125/11	LI	L5	14.7				13.5	11.5	10.1	5.8												65x40	
40-125/15	15	2	18.1				17	15	13.9	9.6	6											65x40	
40-125/22	2.2	3	24.5				23.2	21.5	20.2	16	13	83										65x40	
40-160/30	3	4	318				29.5	27.5	26.3	21.5	17.5											65x40	
40-160/40	4	5.5	3S		1	1	36	34	33	28.5	2S	201										65x40	
40-200/55	5.5	7.5	46				438	413	40.1	3S	30											65x40	
40-200/75	7.5	10	57		1	1	S36	515	SO	45	41	36.S										65x40	
40-250/92	9.2	12.5	64				59	56.5	55	49.5	45	39.8										65x40	
40-250/110	11	15	72		1	1	67.S	66	63.5	57.5	52.2	47										65x40	
40-250/150	15	20	84.5				80	77.3	75.2	71	65	61										65x40	
SO-125/22	2.2	3	17							15.4	14	12.8	11.5	6.5								65x50	
50-125/30	3	4	20							18.8	18	17	15.6	u								65x50	
50-125/40	4	5.5	24							23.1	23	21.5	20.3	158	118							65x50	
50-160/55	5.5	7.5	32							30.6	30	28	26.6	205	14.8							65x50	
50-160/75	7.5	10	40							38	37	36	34.4	29	24	21						65x50	
50-200/92	9.2	12.5	50.5							46.8	45	43	40.9	325	267							65x50	
50-200/110	11	15	S7.5		1	1				53.5	52	50	47.5	40	34	29						65x50	
50-200/150	15	20	62							58	56.5	54.5	52	44.5	39	35.5						65x50	
50-250/150	15	20	68.5							64	63	61.5	59	50	41							65x50	
50-250/185	18.5	25	79							758	74.8	74	71.5	63.5	55.5	47						65x50	
50-250/220	22	30	89.5							86	85.3	84	81.5	73.S	655	57						65x50	
65-125/40	4	5.5	19										17.3	16.8	14.5	13	11.8					80x65	
65-125/55	5.5	7.5	23										21.3	20.9	19	175	16.7	13.7				80x65	
65-125/75	7.5	10	27										26	25.6	24.5	23	22.5	20	18			80x65	
65-160/92	9.2	12.5	33		1	1							31.5	30	28	27.1	24	21.5				80x65	
6S160/110	11	15	36										34.5	33	31.5	30.8	28	25.5				80x65	
65-160/150	15	20	42		1	1							41	40	38.5	37.8	35	33	29.S			80x65	
6S-200/150	15	20	45		j	1	—						45.5	43	41	40.2	36.5	34				80x65	
65-200/185	18.5	25	52										52.3	SI	49	48.2	44.5	42				80x65	
65-200/220	a	30	59										59.5	58	S6	55	52	49.5	445			80x65	
65-250/220	22	30	64.8										64.7	62	60	58.5	53	50				80x65	
65-250/300	30	40	80										79.8	77.5	755	74.5	70	66	58			80x65	
65-250/370	37	50	92										90.5	88.5	87	85	80.5	78	68			80x65	
65-315/370	37	50	102										99.2	97	95	94.5	92.4	90	83			80x65	
65-315/450	45	60	112		1	1			1	—			109.2	107.7	1058	104.5	102.5	100	93	66		80x65	
6S-315/S50	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76		80x65	
6S-31S/750	75	100	141										139.8	137.3	135.6	134.5	132.5	130	122	96	65.5	80x65	
80-125/40	4	5.5	17									16.S	15.9	143	13.5	11.6	10	7.S				100x80	
80-125/55	5.5	7.5	21	—	□	—			—	□	□		20.5	20	19	18	16.5	15	12.5	9.S			100x80
80-125/75	7.5	10	26										25	2S	24.5	23.8	22.5	21.5	19.5	16.S			100x80

□ = PST available * =PS available • =PST&PS available

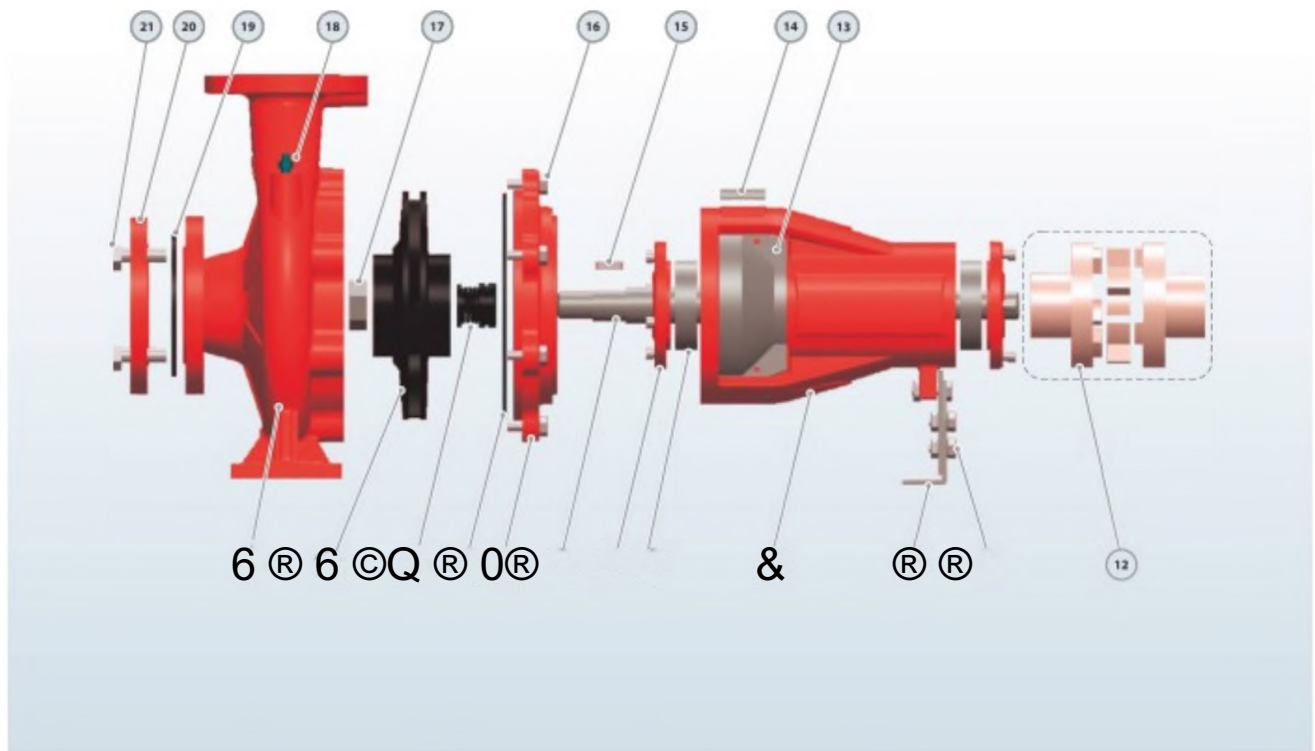
TECHNICAL DATA

 50 Hz n=29001/min
 60 Hz n=35001/min

MODEL	Power		us gpm l/min	Q = DEUVERY																	DN
				0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	
	kw	hp	m³/h	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666
				0	60	90	120	144	180	200	210	220	240	280	300	360	400	SOO	600	800	1000
80-160/110 •	11	15	H(m)	27	27	27.3	24.5	21.1	16												100x80
80-160/150 •	15	20		32.8	32.6	325	30.2	27	22.1	18.5	16.7										100x80
80-160/18S •	18.5	25		39	38.5	S8	36.7	33.6	28.8	25.3	23.5										100x80
80-160/220 •	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5										100x80
80-200/220 •	22	3Q		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5										100x80
80-200/300 •	30	40		60	S9.7	S9S	S7	53.1	47	42.7	40.5										100x80
80-250/370 •	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5										100x80
80-250/450 •	45	60		88	86.7	86	83.6	78.5	70.5	60	51										100x80
8G-250/550 •	55	75		945	94.5	945	918	87	79.5	72.1	683										100x80
80-315/450 •	45	60		85	84	82.6	32	78	68.3	61	56										100x80
80-315/550 •	55	75		98	97	95.6	95	91	813	74	69										100x80
80-315/7SO •	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8								100x80
80-315/900 •	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8								100x80
100-160/150 •	15	20		35	33.5	32.5	30	27.8	24.5	215	20	183	15								125x100
100-160/185 •	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18								125x100
100*160/220 •	22	30		43	41	40	37.6	35.2	3L5	28.5	27	253	22								125x100
100-200/220 •	22	3Q		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13						125x100
100-200/300 •	30	40		44.5	42.5	42	40.2	38.8	36.7	34.2	33	3L7	29	21.7	18						125x100
100-200/370 •	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29						125x100
100-250/450 •	45	60		65	65	64	63	61	58	56	55	533	50	39	33.5						125x100
100-25Q/S50 •	55	75		77	76	755	75	73.8	72	717	71.5	70.7	69	62.3	59						125x100
100-250/750 •	75	100		91	91	903	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48					125x100
100-31S/S50 •	S5	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60					125x100
100-315/750 •	75	100		100			99	97.4	95	94	93.5	93	91.3	88	86	80					125x100
100-315/900 •	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98					125x100
100-315/1100 •	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118					125x100
125-200/450 •	45	60		39.8			39.3	39.2	39	38.9	389	388	37.5	35	34	28.6	25				150x125
125-200/550 •	55	75		49.8			49.3	49.2	49	48.9	48.9	48-8	47.5	45	44	38.6	35				150x125
125-200/750 •	75	100		608			60.3	60.2	60	59.9	59.9	59.8	5«.S	S6	55	49.6	46				150x125
125-250/S50 •	55	75		70			67	65	64	63	62	61	59.5	S7	56	53					150x125
125-250/750 •	75	100		80			77	75	74	73	72	71	69.8	67.1	662	63	58.5				150x125
125-250/900 •	90	125		87			84	82	81	80	79	78	77	74.5	735	70.2	657				150x125
125-250/1100 •	110	150	97			94	92	91	90	89	88	87	84.6	839	80.4	76				150x125	
12S-31S/900 •	90	125	89						87	86	85	83.7	81.5	81	77	74	61			150x125	
125-315/1100 •	110	150	103						101	100	99	97.8	95.5	95	91.5	882	75.6			150x125	
125-315/1320 •	132	180	118						116	115	114	1125	1105	110.3	106.5	103.2	91			150x125	
125-315/1600 •	160	220	138						136.8	1359	135	133.7	131.5	131	127.5	1242	112			150x125	
150-200/750 •	75	100	50								48	47.9	47.6	47.2	46.7	46.4	40.6	36.8	252	200x150	
150-200/900 •	90	125	56								54	519	53.6	53.2	52.7	52.4	48	42.8	31.2	200xi50	
150-200/H00 •	no	150	652								62	61.7	61.2	60.8	59.8	S9.2	S7.2	54	46	200x150	
ISO-250/1100 •	110	150	67											642	62	606	SS.8	49.8	33.8	200x150	
ISO-250/1320 ®	132	180	80.2											78.2	76.3	75	70.6	65	502	29.8	200x150
150-250/1600 •	160	220	90											88.4	87	86	82	77.2	62.4	42	200x150
150-315/1600 •	160	220	92											90	83.3	87.2	828	76.8	604	200x150	
150-315/2000 •	200	270	111											110.6	108.7	107.4	103.4	98.2	834	62.2	200x150
150-315/2500 •	250	340	135											135.4	133.7	132.6	128.6	1238	1102	91	200x150

• =PS available • =PST&PS available

MATERIAL DESCRIPTION



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiQCartxxVSS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel



End Suction Pumps PS

PS Standard End Suction Centrifugal Bare Shaft Pump Head

TECHNICAL DESCRIPTION

- New pump design for fire fighting
- Original design by PURITY (patented)
 - Both square motor & round motor available
 - YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
 - Impeller in stainless steel AISI 304 or brass
 - Shaft in stainless steel AISI 304
 - Galvanized counter flange with bolts, nuts and gaskets
 - Quality NSK bearing, wear resistance mechanical seal
- Models for capacities from 80-5000 US GPM

Product Specification (50HZ)

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron

Shaft in stainless steel AISI 304 or galvanized iron
Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

PATENTS

Registered model PST

Registered Patent Design n° 201530478502.0

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900 1/min

MODEL / MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL																		DN		
				gpm	0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608		793	925
					l/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000		2300	3000
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180		210	mm
32-160/15	1.5	2	Head	25.4	23.7	22.5	18.5	15.8																50x32
32-160/22	2.2	3	H(m)	31	29.6	28.5	24.5	22	15															50x32
32-160/30	3	4		35	34.3	34	28	25.5	19	15														50x32
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8														50x32
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3														50x32
32-250/55	5.5	7.5		60	59.5	59	55	51	34.5															50x32
32-250/75	7.5	10		69.5	69	68.5	66	63	53															50x32
32-250/110	11	15		90	89.5	89	82	79	66															50x32
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5												65x40
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1											65x40
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30												65x40
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5											65x40
40-250/92	9.2	12.5		64				59	56.5	55	49.5	45	39.8											65x40
40-250/110	11	15		72				67.5	66	63.5	57.5	52.2	47											65x40
40-250/150	15	20		84.5				80	77.3	75.2	71	65	61											65x40
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5									65x50
50-125/30	3	4		20							18.8	18	17	15.6	11									65x50
50-125/40	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8								65x50
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8								65x50
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21							65x50
50-200/92	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7								65x50
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29							65x50
50-200/150	15	20		62							58	56.5	54.5	52	44.5	39	35.5							65x50
50-250/150	15	20		68.5							64	63	61.5	59	50	41								65x50
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47							65x50
50-250/220	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57							65x50
65-125/40	4	5.5		19										17.3	16.8	14.5	13	11.8						80x65
65-125/55	5.5	7.5		23										21.3	20.9	19	17.5	16.7	13.7					80x65
65-125/75	7.5	10		27										26	25.6	24.5	23	22.5	20	18				80x65
65-160/92	9.2	12.5		33											31.5	30	28	27.1	24	21.5				80x65

65-160/110	11	15	36											34.5	33	31.5	30.8	28	25.5							80x65
65-160/150	15	20	42											41	40	38.5	37.8	35	33	29.5						80x65
65-200/150	15	20	45											45.5	43	41	40.2	36.5	34							80x65
65-200/185	18.5	25	52											52.3	51	49	48.2	44.5	42							80x65
65-200/220	22	30	59											59.5	58	56	55	52	49.5	44.5						80x65
65-250/220	22	30	64.8											64.7	62	60	58.5	53	50							80x65
65-250/300	30	40	80											79.8	77.5	75.5	74.5	70	66	58						80x65
65-250/370	37	50	92											90.5	88.5	87	85	80.5	78	68						80x65
65-315/370	37	50	102											99.2	97	95	94.5	92.4	90	83						80x65
65-315/450	45	60	112											109.2	107.7	105.8	104.5	102.5	100	93	66					80x65
65-315/550	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76					80x65
65-315/750	75	100	141											139.8	137.3	135.6	134.5	132.5	130	122	96	65.5				80x65
80-125/40	4	5.5	17										16.5	15.9	14.3	13.5	11.6	10	7.5							100x80
80-125/55	5.5	7.5	21										20.5	20	19	18	16.5	15	12.5	9.5						100x80
80-125/75	7.5	10	26										25	25	24.5	23.8	22.5	21.5	19.5	16.5						100x80

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=2900 1/min

MODEL / MODELO	Po / W / Potencia		US	Q=DELIVERY / CAUDAL																		D
	gpm	0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	4405			
l/min	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666				
	kw	hp	m³/h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	mi
80-160/110	11	15	Head	27	27	27.3	24.5	21.1	16													100'
80-160/150	15	20	H(m)	32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100'
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	25.3	23.5											100'
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5											100'
80-200/220	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5											100'
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100'
80-250/370	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5											100'
80-250/450	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100'
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3											100'
80-315/450	45	60		85	84	82.6	82	78	68.3	61	56											100'
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100'
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100'
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100'
100-160/150	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x'
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x'
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	25.3	22									125x'
100-200/220	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x'
100-200/300	30	40		44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18							125x'
100-200/370	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x'
100-250/450	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5							125x'
100-250/550	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59							125x'
100-250/750	75	100		91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48						125x'
100-315/550	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60						125x'
100-315/750	75	100		100			99	97.4	95	94	93.5	93	91.3	88	86	80						125x'
100-315/900	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98						125x'
100-315/1100	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118						125x'
125-200/450	45	60		39.8			39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25					150x'
125-200/550	55	75		49.8			49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35					150x'
125-200/750	75	100		60.8			60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46					150x'
125-250/550	55	75		70			67	65	64	63	62	61	59.5	57	56	53						150x'
125-250/750	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5					150x'
125-250/900	90	125		87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7					150x'
125-250/1100	110	150		97			94	92	91	90	89	88	87	84.6	83.9	80.4	76					150x'
125-315/900	90	125		89						87	86	85	83.7	81.5	81	77	74	61				150x'
125-315/1100	110	150		103						101	100	99	97.8	95.5	95	91.5	88.2	75.6				150x'
125-315/1320	132	180		118						116	115	114	112.5	110.5	110.3	106.5	103.2	91				150x'
125-315/1600	160	220		138						136.8	135.9	135	133.7	131.5	131	127.5	124.2	112				150x'
150-200/750	75	100		50								48	47.9	47.6	47.2	46.7	46.4	40.6	36.8	25.2		200x'

150-200/900	90	125	56									54	53.9	53.6	53.2	52.7	52.4	48	42.8	31.2		200x'
150-200/1100	110	150	65.2									62	61.7	61.2	60.8	59.8	59.2	57.2	54	46		200x'
150-250/1100	110	150	67												64.2	62	60.6	55.8	49.8	33.8		200x'
150-250/1320	132	180	80.2												78.2	76.3	75	70.6	65	50.2	29.8	200x'
150-250/1600	160	220	90												88.4	87	86	82	77.2	62.4	42	200x'
150-315/1600	160	220	92												90	88.3	87.2	82.8	76.8	60.4		200x'
150-315/2000	200	270	111												110.6	108.7	107.4	103.4	98.2	83.4	62.2	200x'
150-315/2500	250	340	135												135.4	133.7	132.6	128.6	123.8	110.2	91	200x'

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=1450 1/min

MODEL/MODELO	Power/Potencia/a		US	Q=DELIVERY / CAUDAL																			DN
				gpm	0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881	1101	
					l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	
	kw	hp		m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	mm
65-160/11	1.1	1.5	Head	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4									80x65	
65-160/15	1.5	2	H(m)	9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6									80x65	
65-160/22	2.2	3		10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5								80x65	
65-200/15	1.5	2		10			9.6	9.1	8.5	8.2	7.6	6.4	4.6									80x65	
65-200/22	2.2	3		12.4			12.2	11.8	11.3	11	10.4	9.3	7.6									80x65	
65-200/30	3	4		14.4			14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5								80x65	
65-250/30	3	4		15.4			14.6	13.9	13.1	12.6	11.6	9.7	6.7									80x65	
65-250/40	4	5.5		19			18.3	17.8	17.2	16.9	16.1	14.4	11.7									80x65	
65-250/55	5.5	7.5		22.3			21.3	20.9	20.3	19.9	19.2	17.7	15.1	12								80x65	
65-315/40	4	5.5		18.6			17.9	17.3	16.7	16.2	15.2	13.3										80x65	
65-315/55	5.5	7.5		22.1				21.2	20.6	20.2	19.2	17.3	14									80x65	
65-315/75	7.5	10		26.5				25.6	25.2	24.9	24.3	23	20.8	17.6								80x65	
65-315/110	11	15		34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7					80x65	
80-160/15	1.5	2		7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80	
80-160/22	2.2	3		8.5						8.6	8.4	8	7.4	6.6	6.2	5.7	5					100x80	
80-200/30	3	4		11.2						11	10.7	10.1	9.2	8	7.3	6.6						100x80	
80-200/40	4	5.5		13.8						13.8	13.6	13.3	12.4	11.3	10.7	10	9					100x80	
80-250/40	4	5.5		16.5						16	15.6	14.8	13.2	11.4	10.2	9						100x80	
80-250/55	5.5	7.5		19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1					100x80	
80-250/75	7.5	10		23.6						23.5	23.2	22.5	21.3	19.9	19	18.1	16					100x80	
80-250/110	11	15		27.6						27.5	27.2	26.5	25.3	23.9	23	22.1	20	15				100x80	
80-315/55	5.5	7.5		19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80	
80-315/75	7.5	10		24.6						23.9	23.6	23	21.9	20.4	19.5	18.6	16.3					100x80	
80-315/110	11	15		29.9						29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5			100x80	
80-315/150	15	20		36.8						36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23			100x80	
80-400/185	18.5	25		40.3						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5			100x80	
80-400/220	22	30		45.1						44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7			100x80	
80-400/300	30	40		55.1						54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2			100x80	
100-160/22	2.2	3		5.9						5.8	5.7	5.5	5.3	5	4.9	4.6	4.3					125x100	
100-160/30	3	4		8.2						8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1				125x100	
100-160/40	4	5.5		10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3			125x100	
100-200/40	4	5.5		11.8						11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9			125x100	
100-200/55	5.5	7.5		14.8						14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3			125x100	
100-250/55	5.5	7.5		15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9			125x100	
100-250/75	7.5	10		19.5						19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7			125x100	
100-250/110	11	15		24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4		125x100	
100-250/150	15	20		27.8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9		125x100	
100-315/150	15	20		29.9						29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8			125x100	
100-315/185	18.5	25		35						34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4			125x100	
100-315/220	22	30		37						36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6			125x100	
100-315/300	30	40		42						41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6			125x100	
100-400/300	30	40		46.4							46	46	46	46	45	44	42	40	29.6			125x100	
100-400/370	37	50		51.8							51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3			125x100	
100-400/450	45	60		57.1							56.7	56.4	56.1	56	56	55	53	52	45	32.1		125x100	

TECHNICAL DATA / DATOS TÉCNICOS

50Hz n=1450 1/min

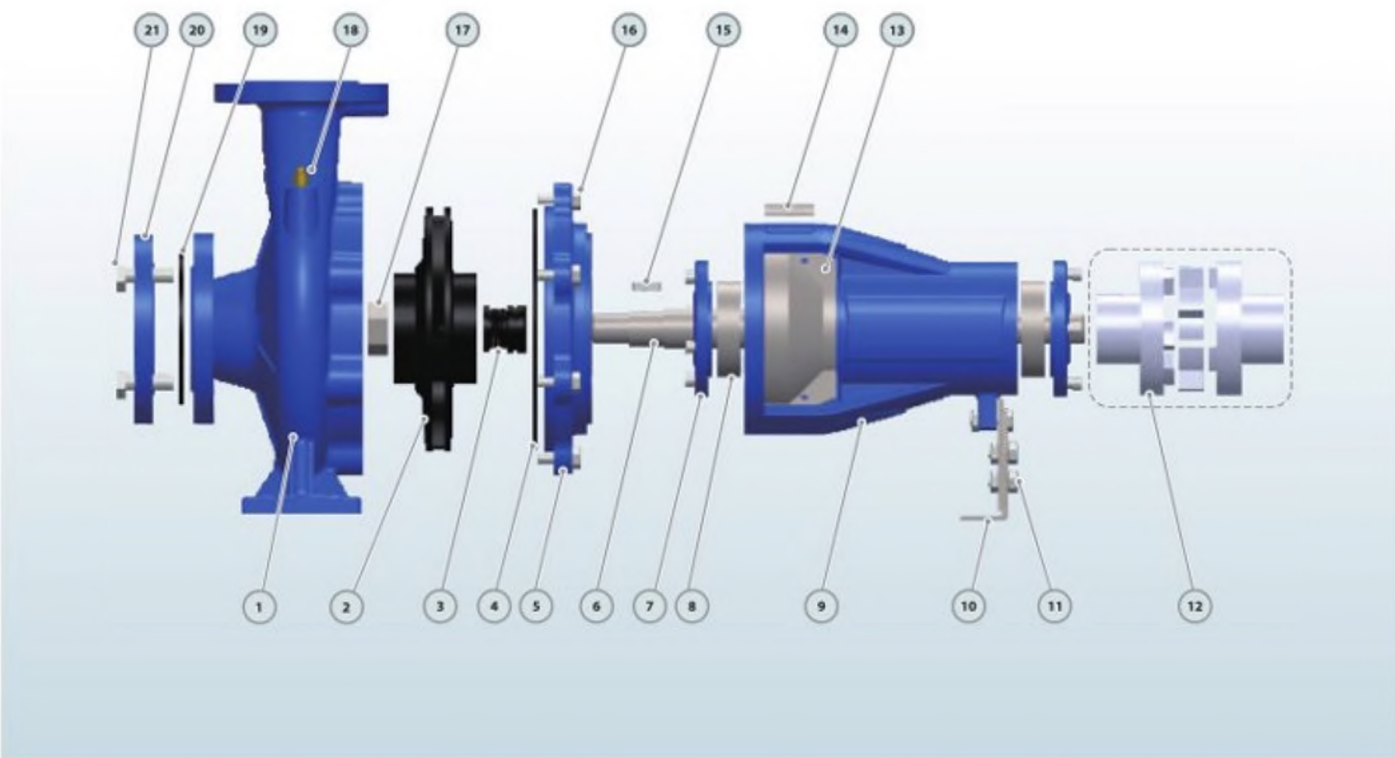
MODEL/ MODELO	Power/Potencia		US	Q=DELIVERY / C:AUDAL																	DN	
				gpm	0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203		2643
					l/min	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667		8333
	kw	hp	m³/h	0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600		mm
125-200/55	5.5	7.5	Head	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9							150x125
125-200/75	7.5	10	H(m)	14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6							150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8						150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1								150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	15.3	11.7						150x125
125-250/150	15	20		23.2					23.3	23.1	23	22.9	22	22	19.8	16.5	12.3					150x125
125-250/185	18.5	25		25.6					25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5					150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	23.3	19.7	14.9					150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4					150x125
125-315/300	30	40		35.6							35.4	35.3	34.8	34.6	32.9	30.1	26.1					150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8				150x125
125-400/220	22	30		33.4						32.8	32.5	32.1	30.5	29.7	24.7	17.3						150x125
125-400/300	30	40		41						41	40.5	40.3	39.2	38.6	34.4	27.5	18.3					150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5					150x125
125-400/450	45	60		51.4						51	50.9	50.8	50.1	49.8	47	42.2	34.8					150x125
125-400/550	55	75		56.5						56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7				150x125
150-200/110	11	15		14									13.5	13.4	13.3	13.1	12.9	11.7	7.8			200x150
150-200/150	15	20		16.3									15.5	15.3	15.2	14.8	14.3	13.5	11.1			200x150
150-200/185	18.5	25		18.3									17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5											16.8	15.9	14.7	13.2	9.2			200x150
150-250/185	18.5	25		21.3											20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24											23.6	23	22	20.8	17.1	12		200x150
150-250/300	30	40		25.5											25	24.5	23.5	22	18.8	13.8		200x150
150-315/300	30	40		30.2											29.7	29	27.9	26.4	22.3			200x150
150-315/370	37	50		33.6											33.5	32.7	31.7	30.4	26.7	21.4		200x150
150-315/450	45	60		37.7											37.6	36.9	35.9	34.7	31.3	26.5		200x150
150-315/550	55	75		40											40	39.3	38.4	37.2	33.9	29.4		200x150
150-315/750	75	100		45											45	44.3	43.4	42.2	38.9	34.4	27	200x150
150-400/550	55	75		48.2										47.7	48	46	45	42	36.8	29.2		200x150
150-400/750	75	100		55.4										55	55	54	53	51	47	41	32.2	200x150
150-400/900	90	125		59.5										59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150		65.5										65	65	64	63	62	58	52	43.7	200x150

TECHNICAL DATA / DATOS TÉCNICOS

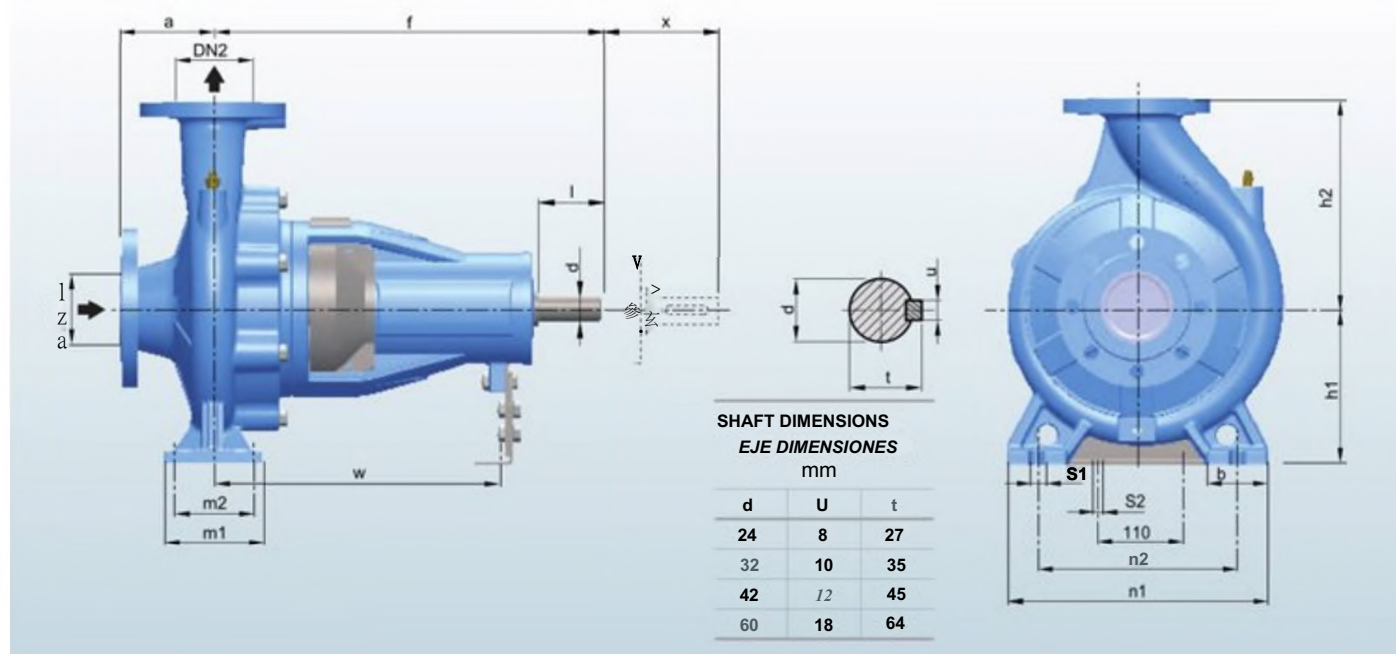
50Hz n=1450 1/min

MODEL/ MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL														DN	
				gpm	0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075		5586
				l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200		21133
	kw	hp	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268		mm
200-250/185	18.5	25	Head H(m)	15.7	15.3	14.8	13.7	12.2	10.6	8.9	6.8							250x200	
200-250/220	22	30		18.5		17.2	16.2	14.8	13.1	11.1	8.7							250x200	
200-250/300	30	40		23.1		21.5	20.5	19.4	17.9	16	13.6	10.8						250x200	
200-315/550	55	75		31.1		30.2	29.8	29.1	27.9	25.8	23	19.2	14.8					250x200	
200-315/750	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1					250x200	
200-315/900	90	125		42.1		41.3	41	40.3	39	36.9	34.1	30.4	26.1					250x200	
200-400/750	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5						250x200	
200-400/900	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9					250x200	
200-400/1100	110	150		52.4		52.2	51.9	51.2	50	48	45.1	41.2	36.2					250x200	
200-400/1320	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6				250x200	
250-315/550	55	75		26.1				24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5			300x250
250-315/750	75	100		35.4				35.2	34.7	33.8	32.5	30.4	28	25	21.8	16.4			300x250
250-315/900	90	125	39.8				39.8	39.5	38.8	37.9	36	33.9	31	27.9	22.5			300x250	
250-400/1100	110	150	45.1				45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9		300x250	
250-400/1320	132	180	50.8				50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5		300x250	
250-400/1600	160	220	56.9				56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250	

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	SS304/Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon /SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel



MODEL MODELO	DIMENSIONS / DIMENSIONES mm																kg	
	DN1	DN2-a	f	hi	h2	b	ml	m2	n1	n2	s1	s2	w	x	d	l		
32-160	50	1	80	60	32	160	55	8	7 0	2 40	1	4	14	60	100	24	50	S S

Product Specification (60HZ)

Product Description



TECHNICAL DESCRIPTION

New EN733 standard centrifugal pump
Original design by PURITY (patented)
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Impeller in stainless steel AISI 304 or cast iron
Shaft in stainless steel AISI 304 or galvanized iron

Galvanized counter flange with bolts, nuts and gaskets
Quality NSK bearing, wear resistance mechanical seal

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service S1

PATENTS

Registered model PST

Registered Patent Design n° 201530478502.0

TECHNICAL DATA / DATOS TÉCNICOS

60Hz n=3500 1/min

MODEL / MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL																				DN
	gpm	0		26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925			
	l/min	0		100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500			
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	mm	
32-160/15	1.5	2	Head	25.4	23.7	22.5	18.5	15.8															50x32	
32-160/22	2.2	3	H(m)	31	29.6	28.5	24.5	22	15														50x32	
32-160/30	3	4		35	34.3	34	28	25.5	19	15													50x32	
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8													50x32	
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3													50x32	
32-250/55	5.5	7.5		60	59.5	59	55	53	49	46													50x32	
32-250/75	7.5	10		75	74.5	74.3	73.5	72.5	68.5	67.3	60												50x32	
32-250/110	11	15		90	87.5	85.8	82	79	75	72	65												50x32	
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5											65x40	
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1										65x40	
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30											65x40	
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5										65x40	
40-250/92	9.2	12.5		64				59	56.5	55	49.5	45	39.8										65x40	
40-250/110	11	15		78				75	73	72	67	63	56	43									65x40	
40-250/150	15	20		88.5				83.5	80.5	79	74	70.5	65	52									65x40	
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5								65x50	
50-125/30	3	4		20							18.8	18	17	15.6	11								65x50	
50-125/40	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8							65x50	
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x50	
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21						65x50	
50-200/92	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7							65x50	
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29						65x50	
50-200/150	15	20		62							58	56.5	54.5	52	44.5	39	35.5						65x50	
50-250/150	15	20		68.5							64	63	61.5	59	50	41							65x50	
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47						65x50	
50-250/220	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57						65x50	
65-125/40	4	5.5		19										17.3	16.8	14.5	13	11.8					80x65	
65-125/55	5.5	7.5		23										21.3	20.9	19	17.5	16.7	13.7				80x65	
65-125/75	7.5	10		27										26	25.6	24.5	23	22.5	20	18			80x65	
65-160/92	9.2	12.5		33											31.5	30	28	27.1	24	21.5			80x65	
65-160/110	11	15		36											34.5	33	31.5	30.8	28	25.5			80x65	
65-160/150	15	20		42											41	40	38.5	37.8	35	33	29.5		80x65	
65-200/150	15	20		45											45.5	43	41	40.2	36.5	34			80x65	

TECHNICAL DATA / DATOS TÉCNICOS

MODEL / MODELO	Po / W / Potencia		US	Q=DELIVERY / CAUDAL																		D
			gpm	0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	4405	
			l/min	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666	
	kw	hp	m³/h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	
80-160/110	11	15	Head	27	27	27.3	24.5	21.1	16													100
80-160/150	15	20	H(m)	32.8	32.6	32.5	30.2	27	22.1	18.5	16.7											100
80-160/185	18.5	25		39	38.5	38	36.7	33.6	28.8	25.3	23.5											100
80-160/220	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5											100
80-200/220	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5											100
80-200/300	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5											100
80-250/370	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5											100
80-250/450	45	60		88	86.7	86	83.6	78.5	70.5	60	51											100
80-250/550	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3											100
80-315/450	45	60		85	84	82.6	82	78	68.3	61	56											100
80-315/550	55	75		98	97	95.6	95	91	81.3	74	69											100
80-315/750	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8									100
80-315/900	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8									100
100-160/150	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15									125x
100-160/185	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18									125x
100-160/220	22	30		43	41	40	37.6	35.2	31.5	28.5	27	25.3	22									125x
100-200/220	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13							125x
100-200/300	30	40		44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18							125x
100-200/370	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29							125x
100-250/450	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5							125x
100-250/550	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59							125x
100-250/750	75	100	91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48						125x	
100-315/550	55	75	80			79	77.4	75	74	73.5	73	71.3	68	66	60							

150-250/1100	110	150	67												64.2	62	60.6	55.8	49.8	33.8		200x'
150-250/1320	132	180	80.2												78.2	76.3	75	70.6	65	50.2	29.8	200x'
150-250/1600	160	220	90												88.4	87	86	82	77.2	62.4	42	200x'
150-315/1600	160	220	92												90	88.3	87.2	82.8	76.8	60.4		200x'
150-315/2000	200	270	111												110.6	108.7	107.4	103.4	98.2	83.4	62.2	200x'
150-315/2500	250	340	135												135.4	133.7	132.6	128.6	123.8	110.2	91	200x'

TECHNICAL DATA / DATOS TÉCNICOS

60Hz n=1750 1/min

MODEL/MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL																		DN
	gpm	0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881	1101			
		l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4166		
	kw	hp	m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	mm
65-160/11	1.1	1.5	Head H(m)	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4									80x65
65-160/15	1.5	2		9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6									80x65
65-160/22	2.2	3		10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5								80x65
65-200/15	1.5	2		10			9.6	9.1	8.5	8.2	7.6	6.4	4.6									80x65
65-200/22	2.2	3		12.4			12.2	11.8	11.3	11	10.4	9.3	7.6									80x65
65-200/30	3	4		14.4			14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5								80x65
65-250/30	3	4		15.4			14.6	13.9	13.1	12.6	11.6	9.7	6.7									80x65
65-250/40	4	5.5		19			18.3	17.8	17.2	16.9	16.1	14.4	11.7									80x65
65-250/55	5.5	7.5		22.3			21.3	20.9	20.3	19.9	19.2	17.7	15.1	12								80x65
65-315/40	4	5.5		18.6			17.9	17.3	16.7	16.2	15.2	13.3										80x65
65-315/55	5.5	7.5		22.1				21.2	20.6	20.2	19.2	17.3	14									80x65
65-315/75	7.5	10		26.5				25.6	25.2	24.9	24.3	23	20.8	17.6								80x65
65-315/110	11	15		34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7					80x65
80-160/15	1.5	2		7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80
80-160/22	2.2	3		8.5						8.6	8.4	8	7.4	6.6	6.2	5.7	5					100x80
80-200/30	3	4		11.2						11	10.7	10.1	9.2	8	7.3	6.6						100x80
80-200/40	4	5.5		13.8						13.8	13.6	13.3	12.4	11.3	10.7	10	9					100x80
80-250/40	4	5.5		16.5						16	15.6	14.8	13.2	11.4	10.2	9						100x80
80-250/55	5.5	7.5	19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1					100x80	
80-250/75	7.5	10	23.6						23.5	23.2	22.5	21.3	19.9	19	18.1	16					100x80	
80-250/110	11	15	27.6						27.5	27.2	26.5	25.3	23.9	23	22.1	20	15				100x80	
80-315/55	5.5	7.5	19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80	
80-315/75	7.5	10	24.6						23.9	23.6	23	21.9	20.4	19.5	18.6	16.3					100x80	
80-315/110	11	15	29.9						29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5			100x80	
80-315/150	15	20	36.8						36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23			100x80	
80-400/185	18.5	25	40.3						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5			100x80	
80-400/220	22	30	45.1						44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7			100x80	
80-400/300	30	40	55.1						54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2			100x80	
100-160/22	2.2	3	5.9						5.8	5.7	5.5	5.3	5	4.9	4.6	4.3					125x100	
100-160/30	3	4	8.2						8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1				125x100	
100-160/40	4	5.5	10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3			125x100	
100-200/40	4	5.5	11.8						11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9			125x100	
100-200/55	5.5	7.5	14.8						14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3			125x100	
100-250/55	5.5	7.5	15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9			125x100	
100-250/75	7.5	10	19.5						19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7			125x100	
100-250/110	11	15	24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4		125x100	
100-250/150	15	20	27.8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9		125x100	
100-315/150	15	20	29.9						29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8			125x100	
100-315/185	18.5	25	35						34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4			125x100	
100-315/220	22	30	37						36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6			125x100	
100-315/300	30	40	42						41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6			125x100	
100-400/300	30	40	46.4								46	46	46	46	45	44	42	40	29.6		125x100	
100-400/370	37	50	51.8								51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3		125x100	
100-400/450	45	60	57.1								56.7	56.4	56.1	56	56	55	53	52	45	32.1	125x100	

TECHNICAL DATA/DATOS TÉCNICOS

60Hz n=1750 1/min

I MODEL/MODELO | Power/Potencia | us |

Q=DELIVERY / CAUDAL

DN

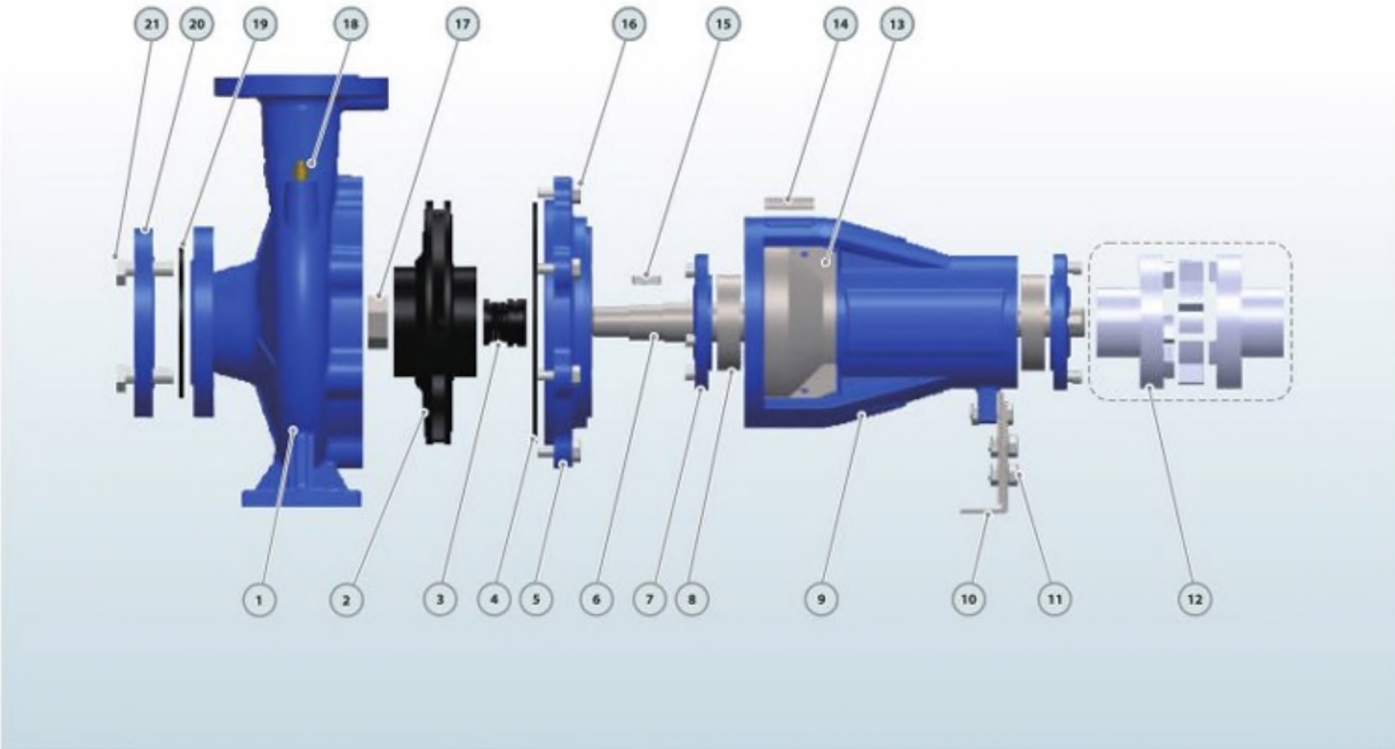
			gpm	0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
			l/min	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000	
	kw	hp	m³/h	0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	
125-200/55	5.5	7.5	Head H(m)	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9						150x125
125-200/75	7.5	10		14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6						150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8					150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1							150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	15.3	11.7					150x125
125-250/150	15	20		23.2					23.3	23.1	23	22.9	22	22	19.8	16.5	12.3				150x125
125-250/185	18.5	25		25.6					25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5				150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	23.3	19.7	14.9				150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4				150x125
125-315/300	30	40		35.6							35.4	35.3	34.8	34.6	32.9	30.1	26.1				150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8			150x125
125-400/220	22	30		33.4						32.8	32.5	32.1	30.5	29.7	24.7	17.3					150x125
125-400/300	30	40		41						41	40.5	40.3	39.2	38.6	34.4	27.5	18.3				150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5				150x125
125-400/450	45	60		51.4						51	50.9	50.8	50.1	49.8	47	42.2	34.8				150x125
125-400/550	55	75		56.5						56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7			150x125
150-200/110	11	15		14								13.5	13.4	13.3	13.1	12.9	11.7	7.8			200x150
150-200/150	15	20		16.3								15.5	15.3	15.2	14.8	14.3	13.5	11.1			200x150
150-200/185	18.5	25		18.3								17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5										16.8	15.9	14.7	13.2	9.2			200x150
150-250/185	18.5	25		21.3										20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24										23.6	23	22	20.8	17.1	12		200x150
150-250/300	30	40		25.5										25	24.5	23.5	22	18.8	13.8		200x150
150-315/300	30	40		30.2										29.7	29	27.9	26.4	22.3			200x150
150-315/370	37	50		33.6										33.5	32.7	31.7	30.4	26.7	21.4		200x150
150-315/450	45	60		37.7										37.6	36.9	35.9	34.7	31.3	26.5		200x150
150-315/550	55	75		40										40	39.3	38.4	37.2	33.9	29.4		200x150
150-315/750	75	100		45										45	44.3	43.4	42.2	38.9	34.4	27	200x150
150-400/550	55	75		48.2									47.7	48	46	45	42	36.8	29.2		200x150
150-400/750	75	100		55.4									55	55	54	53	51	47	41	32.2	200x150
150-400/900	90	125		59.5									59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150		65.5									65	65	64	63	62	58	52	43.7	200x150

TECHNICAL DATA / DATOS TÉCNICOS

60Hz n=1750 1/min

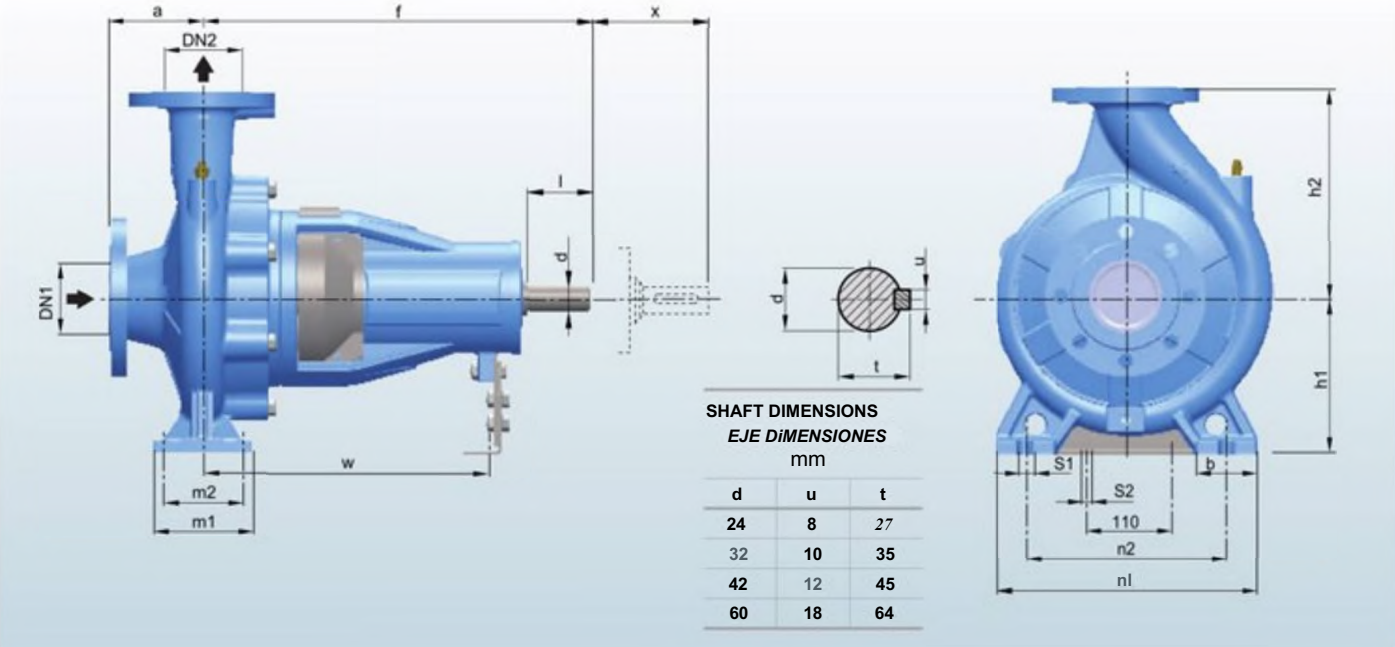
MODEL/ MODELO	Power/Potencia		US	Q=DELIVERY / CAUDAL														DN
				gpm	0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075	
	l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200	21133			
	kw	hp	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268	
200-250/185	18.5	25	H(m)	15.7	15.3	14.8	13.7	12.2	10.6	8.9	6.8							250x200
200-250/220	22	30		18.5		17.2	16.2	14.8	13.1	11.1	8.7							250x200
200-250/300	30	40		23.1		21.5	20.5	19.4	17.9	16	13.6	10.8						250x200
200-315/550	55	75		31.1		30.2	29.8	29.1	27.9	25.8	23	19.2	14.8					250x200
200-315/750	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1					250x200
200-315/900	90	125		42.1		41.3	41	40.3	39	36.9	34.1	30.4	26.1					250x200
200-400/750	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5						250x200
200-400/900	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9					250x200
200-400/1100	110	150		52.4		52.2	51.9	51.2	50	48	45.1	41.2	36.2					250x200
200-400/1320	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6				250x200
250-315/550	55	75		26.1			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5			300x250
250-315/750	75	100		35.4			35.2	34.7	33.8	32.5	30.4	28	25	21.8	16.4			300x250
250-315/900	90	125		39.8			39.8	39.5	38.8	37.9	36	33.9	31	27.9	22.5			300x250
250-400/1100	110	150		45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9		300x250
250-400/1320	132	180		50.8			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5		300x250
250-400/1600	160	220		56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description
1	Pump Case	Cast iron	8	Bearing
2	Impeller	SS304/Cast iron	9	Support Case
3	Mechanical Seal	SiC/Carbon/SS304	10	Support Foot
4	O-ring	Rubber	11	Foot Bolt
5	Connection	Cast iron	12	Coupling(Optional)
6	Shaft	SS304/45# Steel	13	Case Cover
7	Bearing Cover	Cast iron	14	Nameplate

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL MODELO	DIMENSIONS / DIMENSIONES mm													kg	
	DN1	DN2 a	f	hi h2 b	ml m2 n1 n2 s1 s2 w	x	d	l							
32-160	S	1	80	32	160	95	s	240	14	14	240	08	24	50	S
32-200	S	^	80	60	180	95	s	240	14	14	240	08	24	50	S
32-250	S		80	60	160	95	s	240	14	14	240	08	24	50	S
40-160	O	S	80	32	180	100	s	265	14	14	265	08	24	80	S
40-200	65	S	100	60	225	160	s	320	14	14	320	08	24	80	S
40-250	65	S	100	80	160	25	s	240	14	14	240	08	24	80	S
50-125	S	?	80	32	180	100	s	265	14	14	265	08	24	50	S
S0160	S	.	100	60	200	100	s	265	14	14	265	08	24	50	S
50-200	S	S	100	80	180	100	s	280	14	14	280	08	24	50	S
50-250	S		100	80	200	125	s	280	14	14	280	08	24	50	S
65125	100	S	100	80	225	125	s	320	14	14	320	08	24	50	S
65-160	100	S	100	80	280	160	120	360	18	14	360	40	32	80	S
65-200	100	S	100	80	225	160	120	320	14	14	320	40	24	50	S
6S250	100	S	100	80	225	125	s	360	18	14	360	40	24	50	S
65-315	100	S	100	80	250	125	s	400	18	14	400	40	32	80	S
80125	100	S	100	80	280	120	120	400	18	14	400	40	24	50	S
80-160	125	S	100	80	315	120	120	400	18	14	400	40	24	50	S
80-200	125	S	100	80	355	120	120	400	18	14	400	40	24	50	S
80-250	125	S	100	80	280	120	120	400	18	14	400	40	24	50	S
80-315	125	S	100	80	315	120	120	400	18	14	400	40	24	50	S
80-400	150	S	100	80	355	120	120	400	18	14	400	40	24	50	S
100-160	150	S	100	80	280	120	120	400	18	14	400	40	24	50	S
100-200	150	S	100	80	315	120	120	400	18	14	400	40	24	50	S
100-250	200	S	100	80	355	120	120	400	18	14	400	40	24	50	S
100-315	200	S	100	80	315	120	120	400	18	14	400	40	24	50	S
100-400	200	S	100	80	355	120	120	400	18	14	400	40	24	50	S
125200	250	S	100	80	315	120	120	400	18	14	400	40	24	50	S
12S-250	250	S	100	80	355	120	120	400	18	14	400	40	24	50	S
125315	250	S	100	80	315	120	120	400	18	14	400	40	24	50	S
125-400	300	S	100	80	355	120	120	400	18	14	400	40	24	50	S
150-200	300	S	100	80	315	120	120	400	18	14	400	40	24	50	S
150-250		S	100	80	355	120	120	400	18	14	400	40	24	50	S
150-315		S	100	80	315	120	120	400	18	14	400	40	24	50	S
150-400		S	100	80	355	120	120	400	18	14	400	40	24	50	S
200-250		S	100	80	315	120	120	400	18	14	400	40	24	50	S
200-315		S	100	80	355	120	120	400	18	14	400	40	24	50	S
200-400		S	100	80	315	120	120	400	18	14	400	40	24	50	S
250-315	100		80	32	160	95	s	240	14	14	240	08	24	50	S
250-400	100		80	60	180	95	s	240	14	14	240	08	24	50	S
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	100		80	60	160	95	s	240	14	14	240	08	24	50	S
	100		80	60	180	95	s	240	14	14	240	08	24	50	S
	100		80	60	160	95	s	240	14	14	240	08	24		

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