

Центробежные насосы PS, PC, PT, PZ, PGW, PW, P2C, АСТ, CDL Технические характеристики

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Симферополь (3652)67-13-56
Казахстан (7172)727-132

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Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93



Centrifugal 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)
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 TeCNICOS

50Hz n=2900

1/min

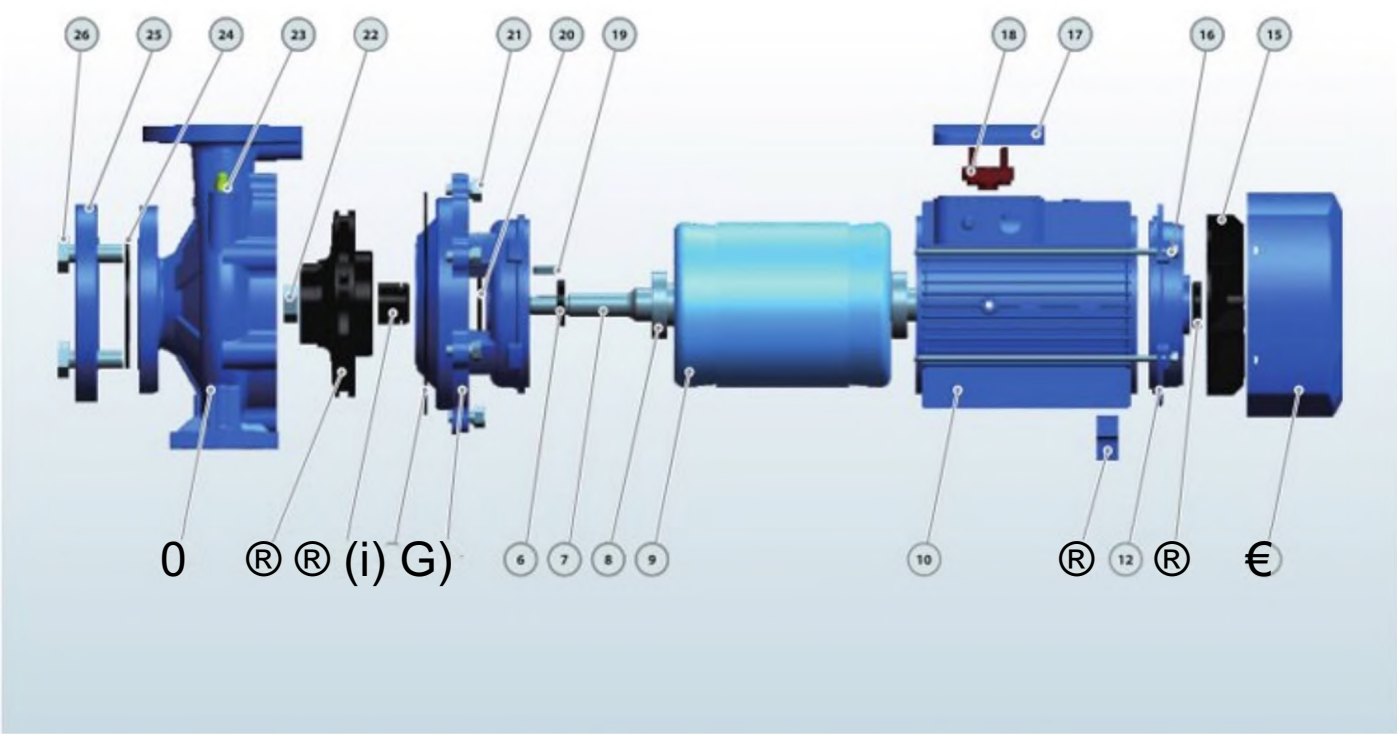
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																		DN	
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	S29	608	793		925
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180		210
32-12 S/07 o	0.75	1		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 5Dc	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	575	52J	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	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/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
65-200/185 •	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			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	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	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			

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Ambient temperature up to +50°C

Max. working pressure 16 bar

Continuous service SI

TECHNICAL DATA / DATOS TeCNICOS

60Hz n=3500

1/min

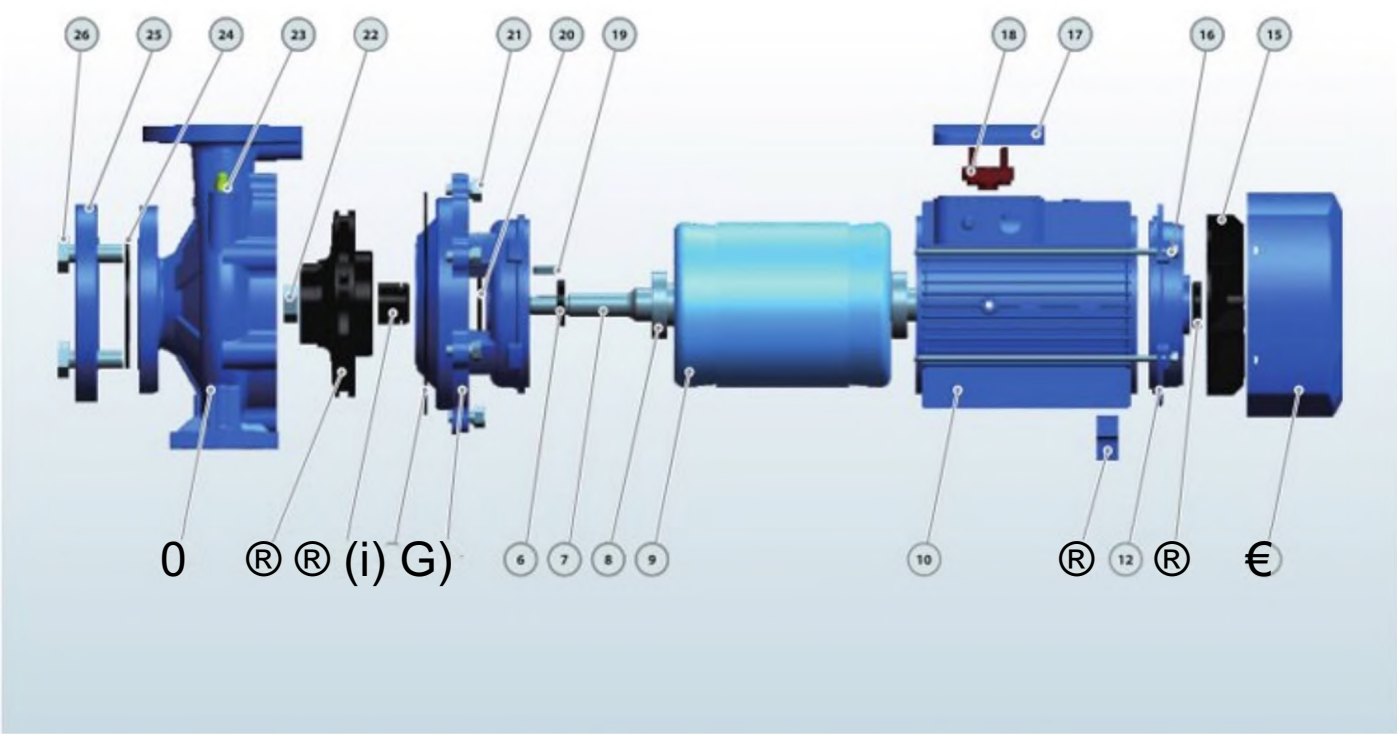
MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																			DN
	 kw	Potencis hp		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	S29	608	793	925	
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
				0	6	9	15	18	24	27	36	42	48	54	72	d4	90	108	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	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-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	575	52J	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	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/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	
65-200/185 •	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	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	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			



Centrifugal pumps PC

[PC] Monoblock Water Pump Thread Port Centrifugal 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



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

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

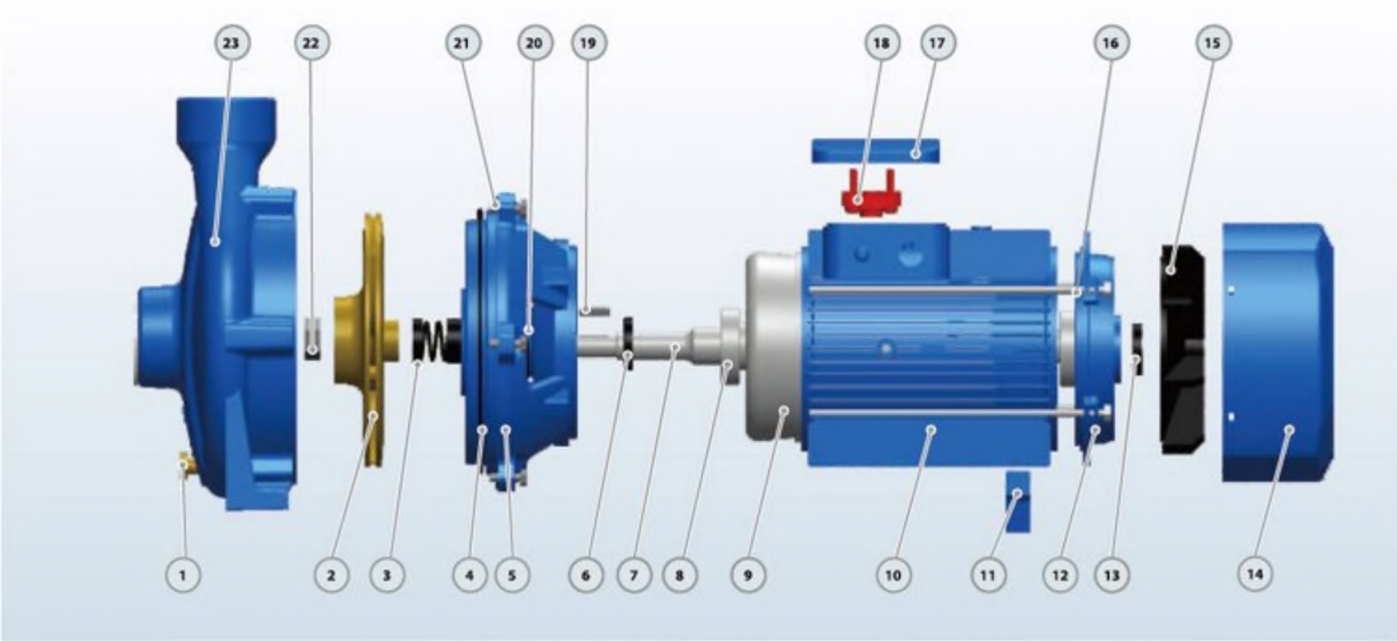
50 Hz n=29001/min

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

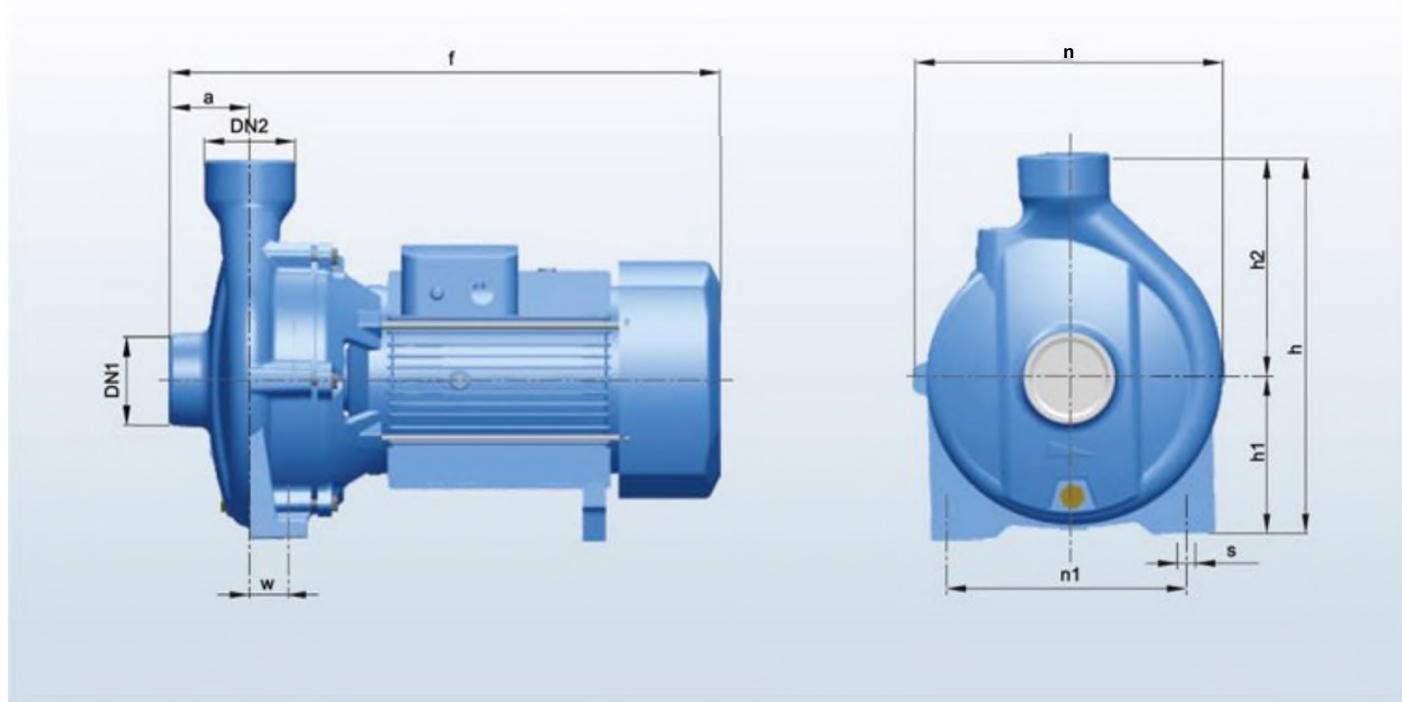
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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

Product Description



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

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

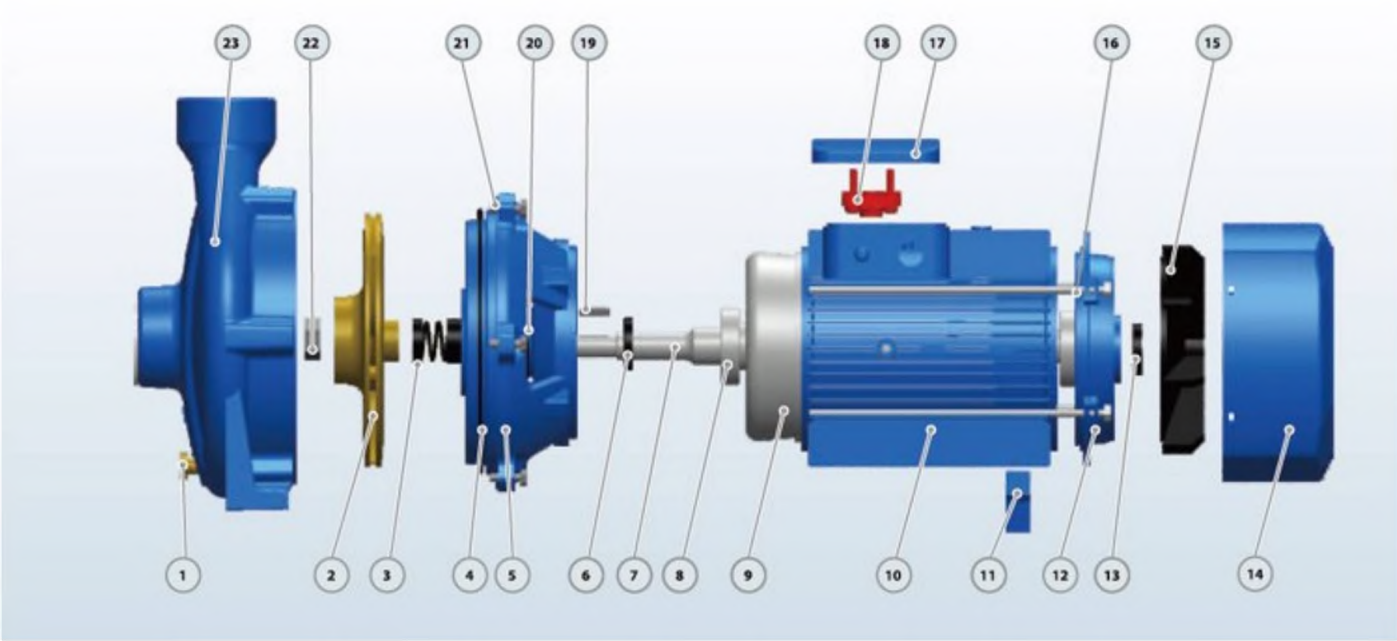
Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

PATENTS

Registered model PC
Registered Patent Design n° 201530476290.2

MATERIAL DESCRIPTION

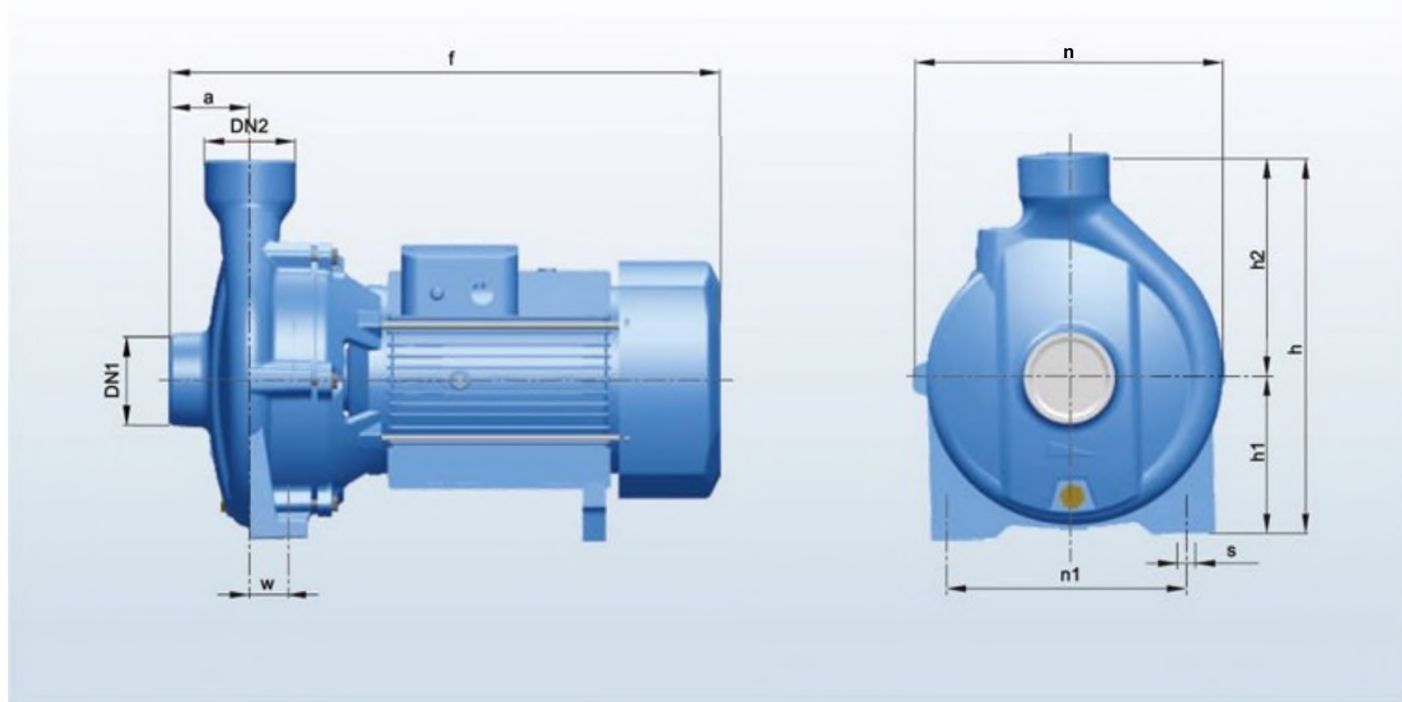
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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



Centrifugal pumps PST

[PST]Centrifugal Monoblock Pump

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

Centrifugal Pump



Technical Data

Lift ranged-14Bar

Flow range:26-5586GPM



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



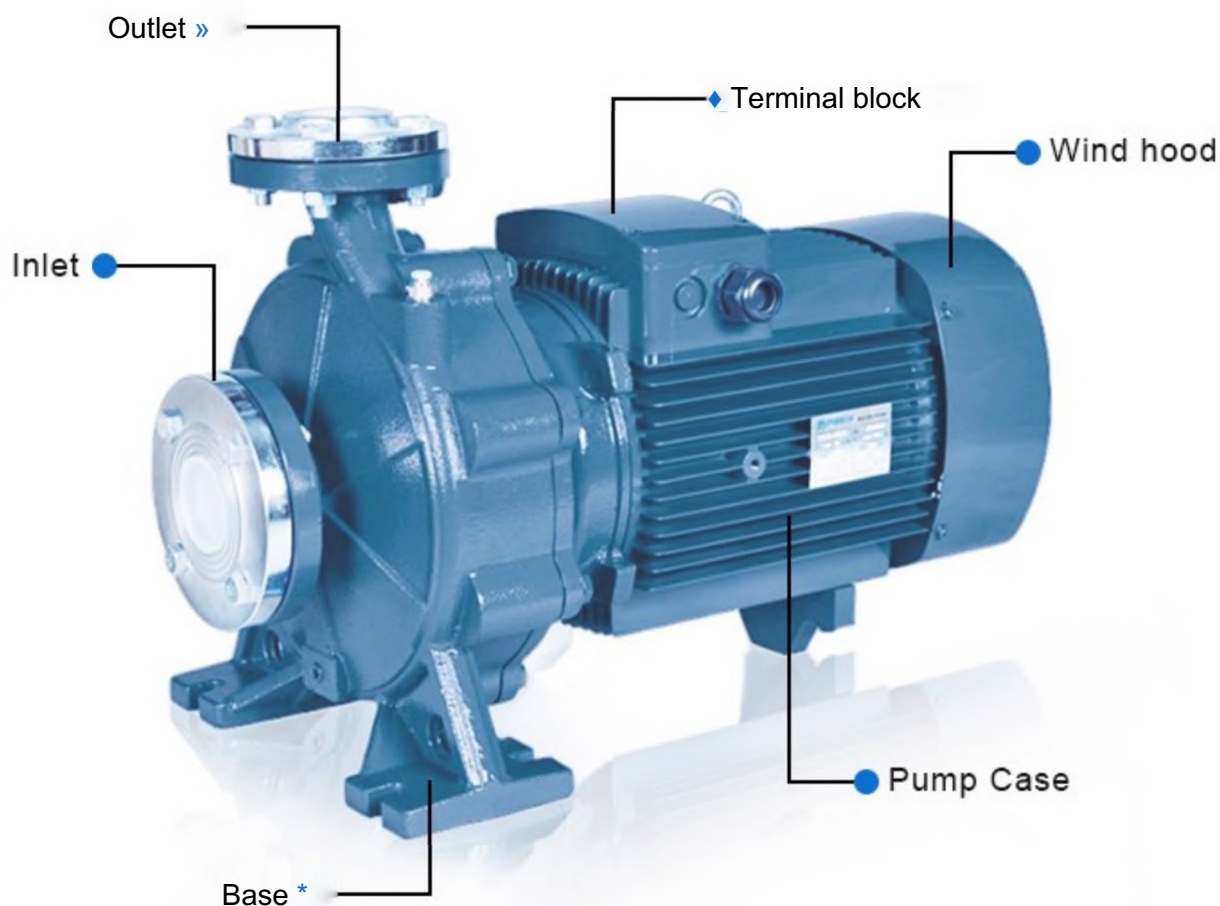
Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION

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Model Description

PST m 32 - 160 / 30

- Rated Power(1/10kw)
- Impeller Nominal diameter(mm)
- Outlet diameter(mm)
- Single Phase
(m is omitted for three-phase)
- Standard Centrifugal 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

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	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 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 iron
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.S	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	rüm"	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		
65-160/110	11	15	36											34.5	33	31.5	30.8	28	25.5		80x65		
65-160/150	15	20	42		1	1							1	41	40	38.5	37.8	35	33	29.S	80x65		
65-200/150	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	
65-315/S50	55	75	122											119.2	117.4	115.7	114.5	112.5	110	103	76	80x65	
65-31S/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

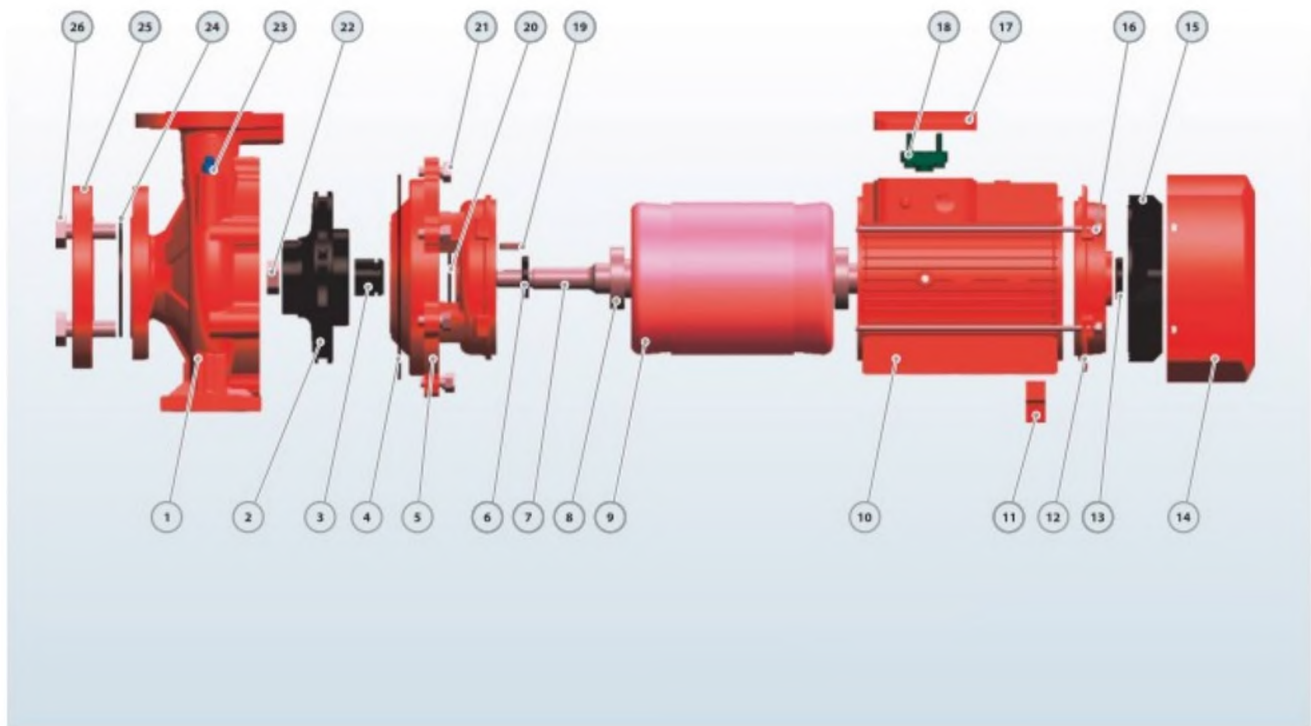
TECHNICAL DATA

 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	4405	
	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	mm
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 <i>Descipción</i>	Material <i>Material</i>	No.	Description <i>Descipción</i>	Material <i>Material</i>
1	Pump Case	Cast iron	10	Motor Case	MminiMn	19	Impeller Key	Iron
2	Impeller	SS304JCast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechancai Seal	SICX^rtxMVSS304	12	Bade Cover	Cast von	21	Connection Bolt	Steel
4	O-mg	Rubber	13	Reinforced Seal	Rubber	22	Impefter Nut	Gakanized Sleei
5	Connection	Cesi iron	14	Fan Cover	Aluminon	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Piastre	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through BoM	SieeJ	25	Counter Flange	Gaivaruatod Cast ron
8	Bearing	BaN Bearing	17	Terminal Box	Aluminum	26	Flange Bdt	Sled
9	Wound Stator/Rotor	Siioon SteeliCopper	18	<i>Terminal Board</i>	Ptaslic			

Centrifugal Pump



Technical Data

Lift ranged-14Bar

Flow range:26-5586GPM



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



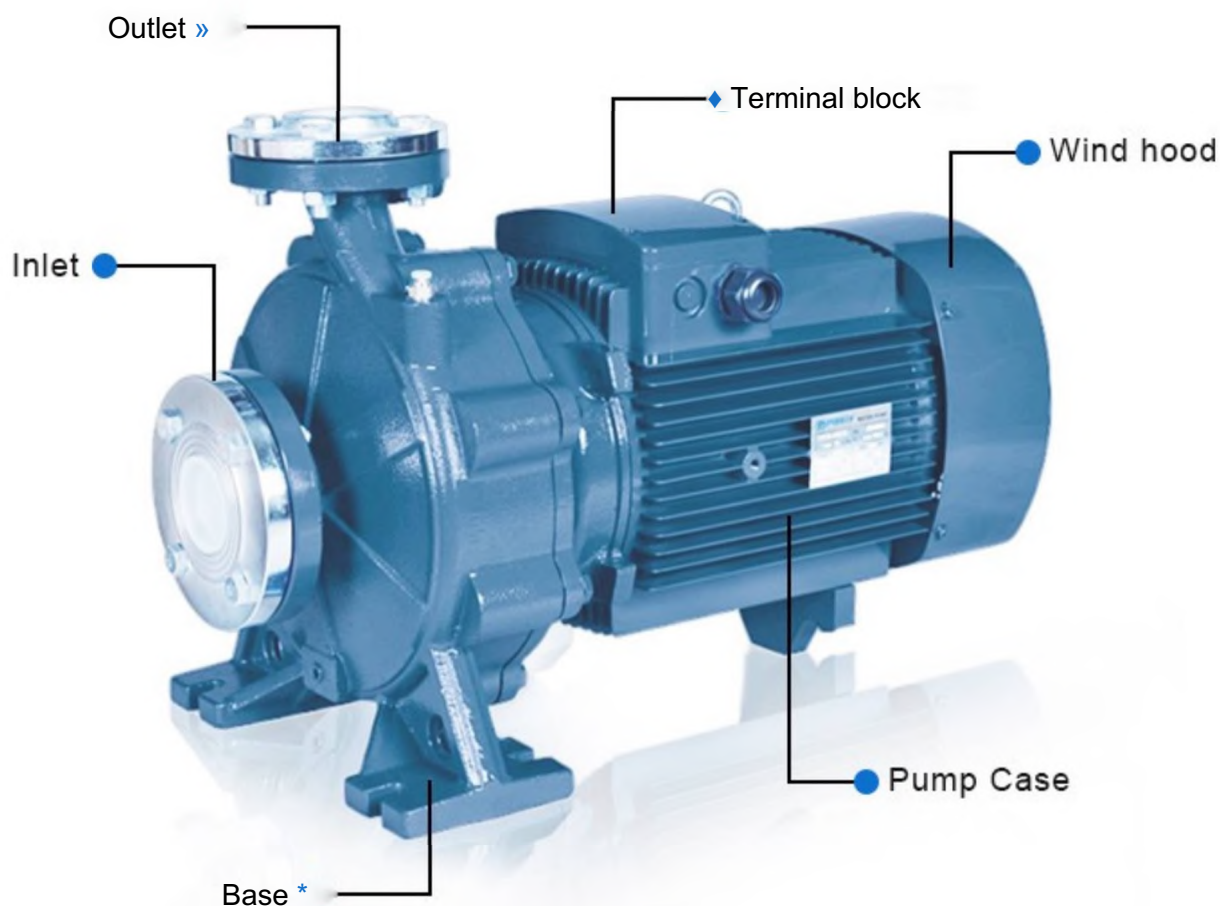
Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION

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Model Description

PST m 32 - 160 / 30

- Rated Power(1/10kw)
- Impeller Nominal diameter(mm)
- Outlet diameter(mm)
- Single Phase
(m is omitted for three-phase)
- Standard Centrifugal 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

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	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 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 iron
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.S	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	853	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		
65-160/110	11	15	36										34.5	33	31.5	30.8	28	25.5				80x65		
65-160/150	15	20	42		1	1						1	41	40	38.5	37.8	35	33	29.S			80x65		
65-200/150	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
65-315/S50	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76			80x65	
65-31S/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

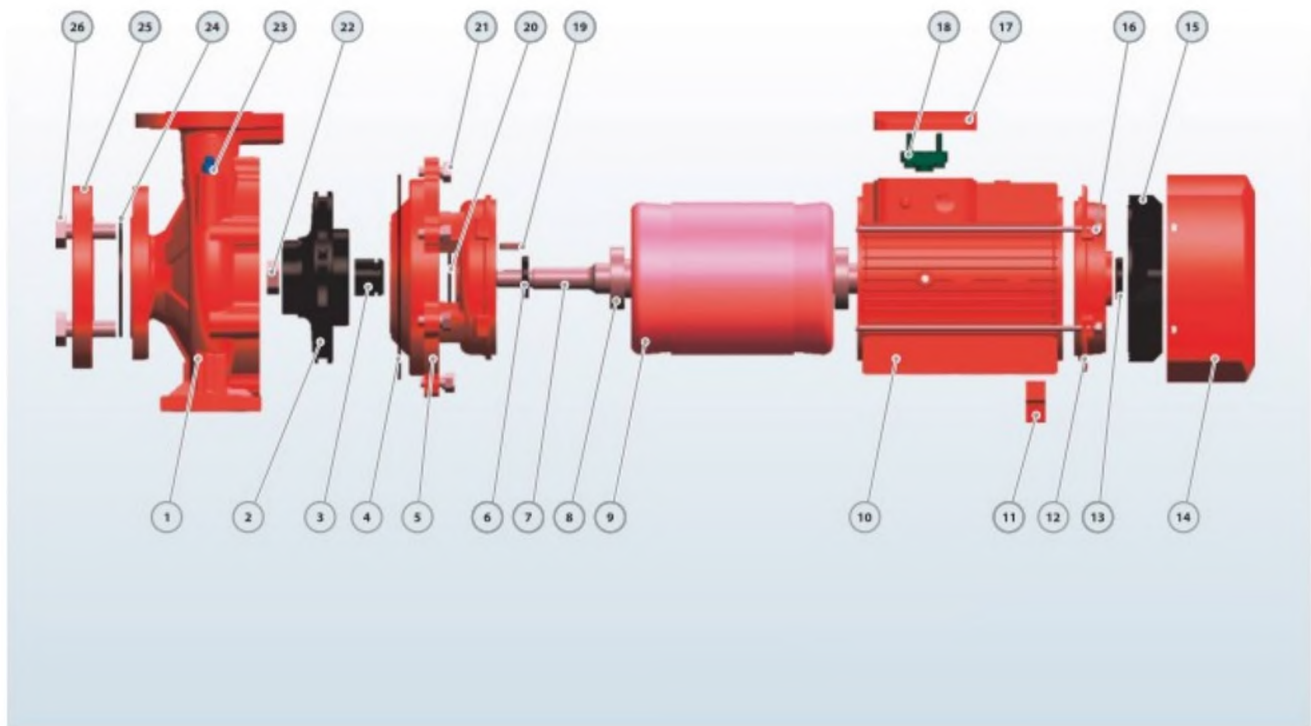
TECHNICAL DATA

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

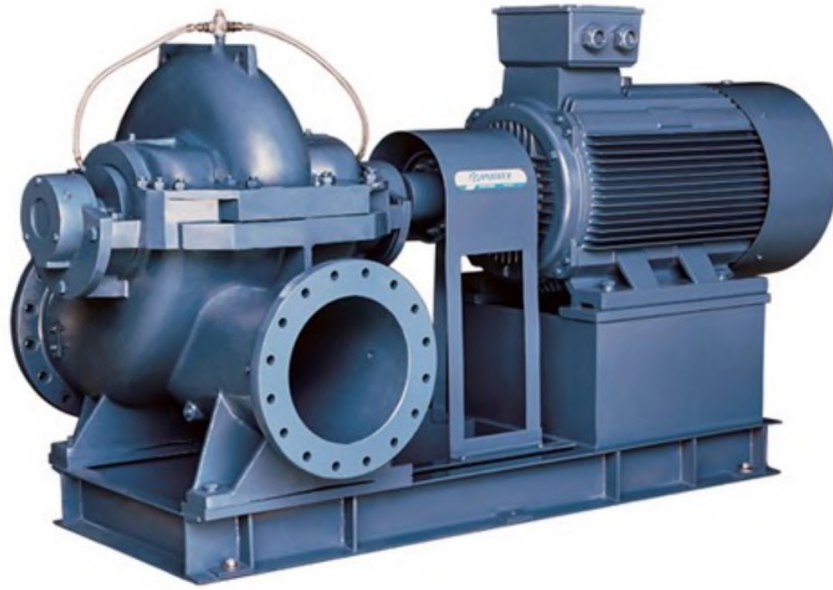
MODEL	Power		us gpm l/min	Q = DEUVERY																	DN
				0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	
	kw	hp	m³/h	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666
				0	60	90	120	144	180	200	210	220	240	280	300	360	400	SOO	600	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	10	Motor Case	MminiMn	19	Impeller Key	Iron
2	Impeller	SS304JCast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechancai Seal	SICX^rtxMVSS304	12	Bade Cover	Cast von	21	Connection Bolt	Steel
4	O-mg	Rubber	13	Reinforced Seal	Rubber	22	Impefter Nut	Gakanized Sleei
5	Connection	Cesi iron	14	Fan Cover	Aluminon	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Piastre	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through BoM	SieeJ	25	Counter Flange	Gaivaruatod Cast ron
8	Bearing	BaN Bearing	17	Terminal Box	Aluminum	26	Flange Bdt	Sled
9	Wound Stator/Rotor	Siioon SteeliCopper	18	Terminal Board	Ptaslic			



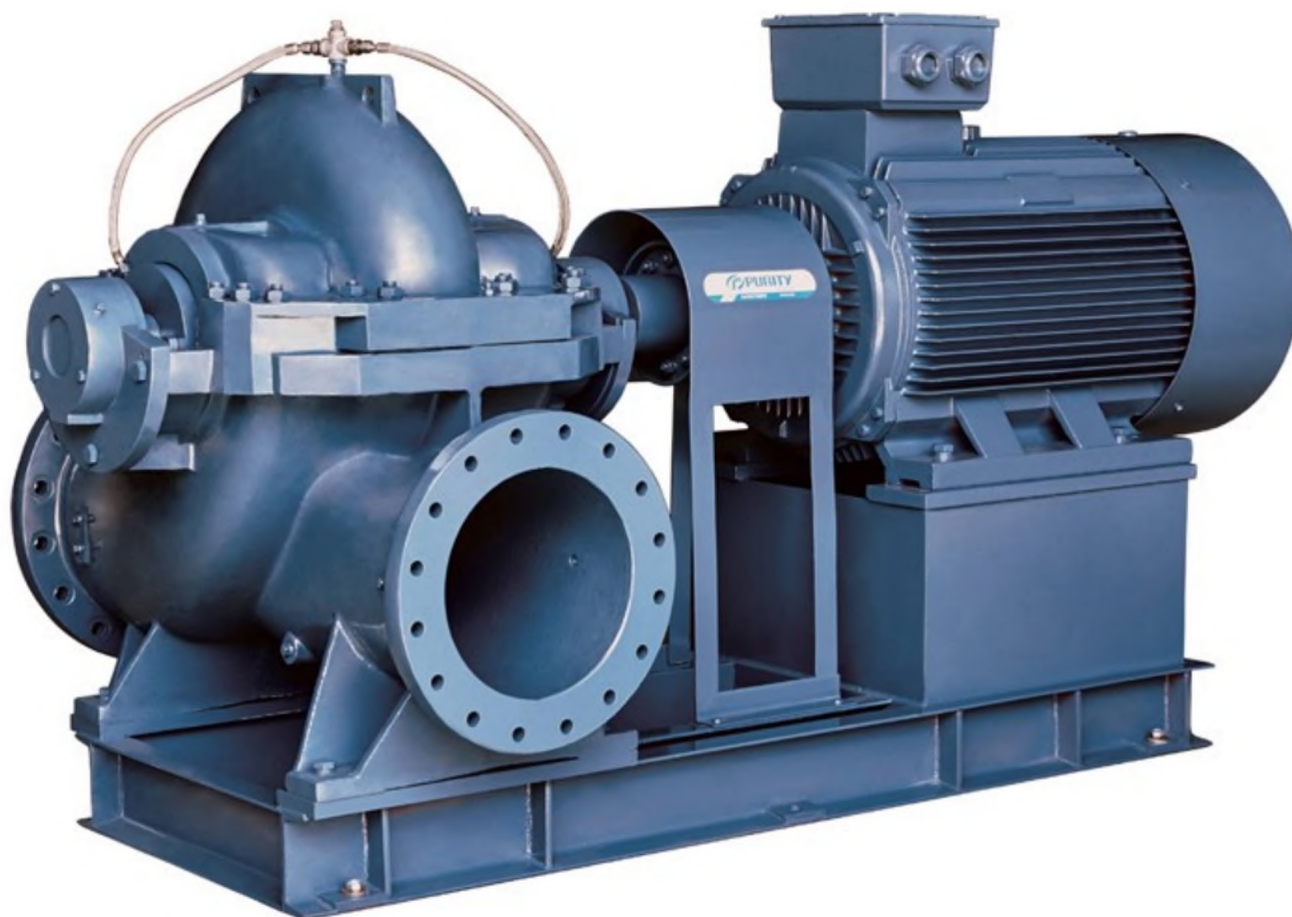
Centrifugal pumps PSCM

[PSCM]Centrifugal Horizontal Split Casing Pump Split Case Centrifugal Pump

TECHNICAL DESCRIPTION

- New split case pump
- Original design by PURITY (patented)
- Available complete with electric motor or diesel engine
- Easily back pull-out from driver
- Pump case with anti-corrosive coating HT250
- .Impeller in stainless steel AISI 304 or HT250
- Shaft in stainless steel AISI 304 or galvanized iron
- Quality bearing.mechanical seal/gland packing

Product Description





TECHNICAL DESCRIPTION

New split case pump
Original design by PURITY (patented)
Available complete with electric motor or diesel engine
Easily back pull-out from driver
Pump case with anti-corrosive coating HT250
Impeller in stainless steel AISI 304 or HT250
Shaft in stainless steel AISI 304 or galvanized iron
Quality bearing, mechanical seal/gland packing

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The split case 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 25 bar
Continuous service SI

TECHNICAL DATA

TECHNICAL DATA / DATOS TíCnFCOS PSC 50 Hz n=29001 /min

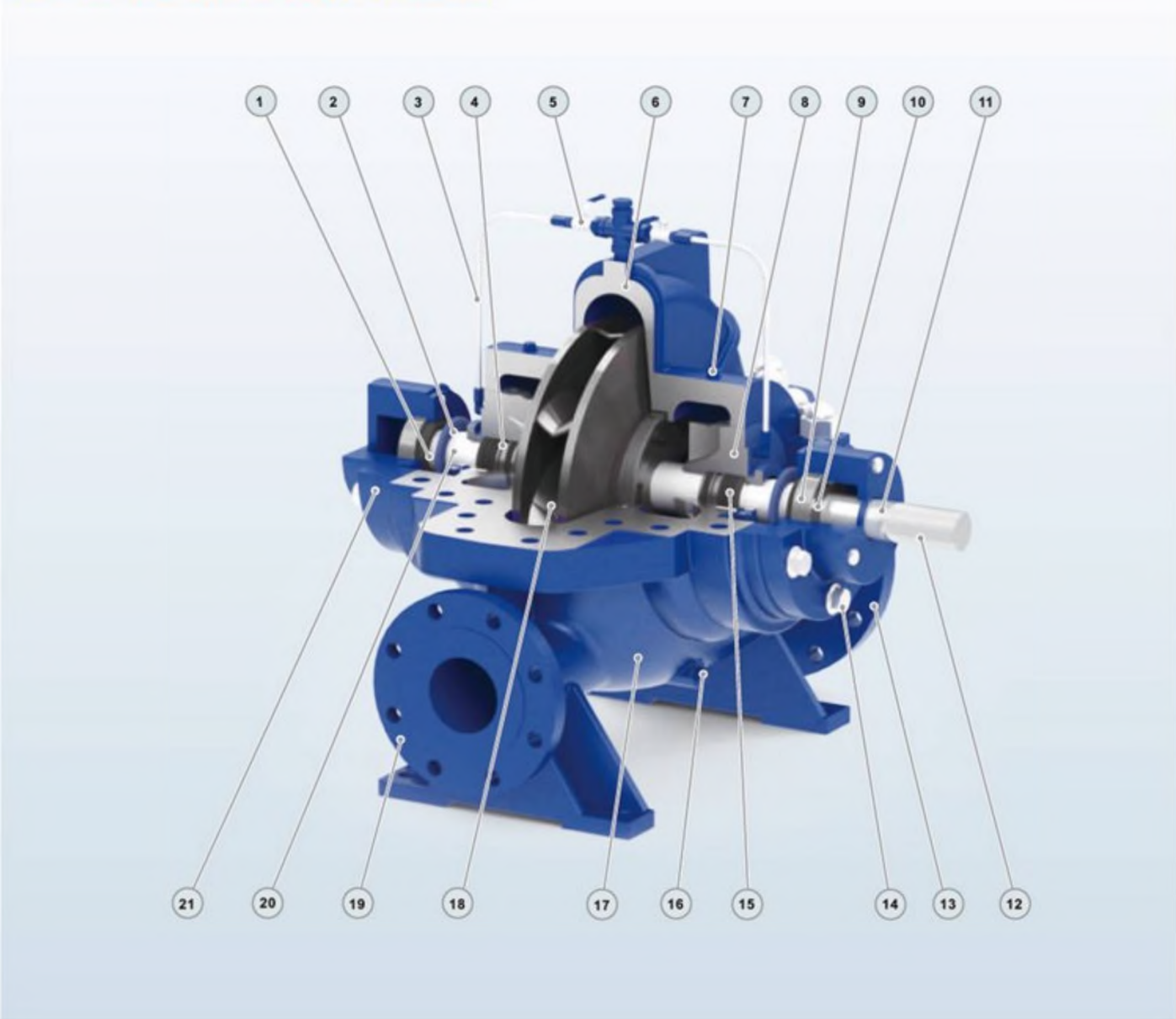
MODEL MODELO	Flow Range Rango de Caudal	Hoad Range Rango de Altura	Power Rang● Rango ctoPotenda	DN
	m^h	m	kw	mm
80-21QA1	131-164-197	605-55-50	263-295-33.4	125x80
80-210A2	121-151-181	52-475-422	a.6-241-26.1	125x80
80-210A3	115-144-173	44-39-35	173-19-211	125x80
80-210A4	110-137-164	37-335-27.7	14.7-16-16.7	125x80
80-210B1	107-134-160	555-51-46	20.5-22.9-25.1	125x80
80210B2	106-133-159	47.7-43.5-37	17j6-19L3-20	125x80
80-210B3	100-124-149	40-36-30	14.4 15.6-16.5	125x80
80-210B4	91-113-136	35-31-27	12.1-123-13.9	125x80
80-270A1	166-207-248	975-90-79	57-64.6-70.8	125x80
80-270A2	156-194-233	835-77-69	46.6-52.6-58.1	125x80
80270A3	147-184-220	70-635-55	37.5^413-44.6	125x80
80-270A4	138-173-198	565-50-45	28.7-31.4-323	125x80
80-270B1	137-171-205	91-82.5-725	44.6^9.9-54.1	125x80
80-270B2	122-153-184	7915-71.5-67	35.6-39.1-44.7	125x80
80-270B3	115-144-173	663-€0-53	28.5-313-33.7	125x80
80270B4	110-137-164	S45-49-42	22.4-24.5-25.9	125x80
80-37QA1	180-226-272	168-155.2 1科	118.4-129.6-138.4	125x80
80-370A2	160-198-240	140-132-116.4	84^-.96.8-106i4	125x80
80-370A3	140-176-212	117.2-110-98.8	65.6-7S.2-81.6	125x80
80-370A4	130 142-196	952-90-80	5L2-5912-64	125x80
80-370B1	160-198-240	1552-142-1252	944-104.8-114.4	125x80
80-370B2	144-180-216	136.4-123.2-1052	77.6-86i^912	125x80
80-370B3	120-152-180	110-102-90	56^4-68	125x80
80-370B4	106-134-160	852-B0-70	39.2-45.6-48	125x80
100-250A1	230-288-M6	83-75-67	642-7a9-78.4	150x100
100-250A2	219-274-328	69-63-55	51.9-5&>62.3	150x100
100-250A3	209-261-313	59-52^6.5	43.5^€8-S1.5	150x100
100-250A4	193-240-290	49^5-37	33.9-37.7-392	150x100
100-250B1	196-245-294	75-68-59	50-55^59.8	150x100
100-250B2	180-223-268	65-59-51	40.6^44.7-47.9	150x100
100-250B3	165-205-246	56-51-44	32.9-3€8-38.8	150x100
100-250B4	150-190-227	4843-38	26.4-2911-31.1	150x100
100-310A1	294-367-440	135-123-105	137.7-1533-164	150x100
100-310A2	268-33S-402	116-106-92	108-121.4-131	150x100
100-310A3	242-302-363	98-90-80	82.7-935-1025	150x100
100-310A4	182-227-333	72-74-66.5	523-7(17-78.1	150x100
100-310B1	226-283-M0	130-119-105	105-117.4-1283	150x100
100-310B2	208-260-310	111-103-90	81 各 93.7100	150x100
100-310B3	200-250-300	92-84 74	653-72S^0.5	150x100
100-310B4	187-234-281	78-69-€0	S3.1-57.1-612	150x100
100-375A1	266-334-400	1892-184-152	196-226.4-233.6	150x100
100-375A2	248-310-372	164-152-124	162.4-180,8484.8	150x100
100-375A3	216-270-324	130-121.2-1012	1152-U6134.4	150x100
100-375B1	228-284340	190-176-156	177.6-189.6-218.4	150x100
100-375B2	210-260-314	160-150-130	141.^150.4-173.6	150x100
100-375B3	184-230-276	123.2-1148-100	1015-114.4-1232	150x100

PSC 50 Hz n=2900 1/min

MODEL MODELO	Flow Range Rango de Caudal	Head Range Rango de Altura	Power Rang● Rango de Pvtenda	DN
	m^h	m	kw	mm
125230A1	426-541-639	68-60^48	918-10LS-1013	200x125
125-230 A2	392-490-585	60-52-435	78.1-821-84.4	200x125
125-230A3	363-454-544	50-43.5-35	63.4-65.1-66.6	200x125
125-230A4	340-425-489	40-34-30	49.4-5a8-5Z5	200x125
125230B1	377 472-566	68-60.5-55	842-9240L5	200x125
12S230B2	349-436-523	60-53-44	703-748-772	200x125
125-230B3	328-410-493	52-45-37	60.1-6L3^33	200x125
125230B4	305-382-458	4Z5-3730	47.1-4aM9.9	200x125
125-290A1	428-535-642	117-10@^95	166-187-202	200x125
12S-290A2	397-497-596	97-88-75	131-145-153	200x125
12S-290A3	363-454-544	80-72-62	101-ni-117	200x125
12S-290A4	323-403-484	6S5747	74.7-8Q2-80.5	200x125
12S290B1	383-480-575	113-100-85.5	145-157166	200x125
12S-290B2	348-436-523	93.S83.S70	112-121126	200x125
12S-290B3	308-385-462	78-70-60	845-93-96.9	200x125
12S-290B4	274-342-410	60-55^47	59^-.67.4-70	200x125
12S36SA1	490-620-720	200-188-176	329.6-377.6^18.4	200x125
125-365A2	450-562-674	166.4-156-142.4	2544-288-3232	200x125
125-365A3	410-512-614	134.8-126-112.8	193.6-214.4-238.4	200x125
12S-36SA4	368-460-S56	102-96-83.6	1352-1S0.4-161.6	200x125
125365B1	444-554-666	185.2-172-155.2	2812-320>352	200x125
125-365B2	404-504-604	159.2-148-131.2	224-254.4-273.6	200x125
125-365B3	364-454-544	130.4-122-110	17L2-19G-214.4	200x125
12536SB4	316-396-476	105.2-98-8Z2	1192-1392-150.4	200x125
150-290A1	708-886-1062	96-84-70	2163-232,8-242.4	200x150
150-290A2	646-806-968	84-72-60	177.6-184-192	200x150
150-290A3	604-756-908	70-60-492	144-1472-1S23	200x150
150-290A4	560-700-792	54^-.46-40	1112-U3j6-U3.6	200x150
1S0-290B1	634-792-950	93.6-8L6-66.4	192-2043-205.6	200x150
150-290B2	604-756-908	80-68-S4.8	1S92-164,8-165.6	200x150
150-290B3	564-706-846	70-58-452	132&-132^-.132	200x150
150-290B4	530-662-756	56^6-392	104-104-106.4	200x150
1S0-360A1	714-892-1072	165.2-152-136.8	3872-434.4-4832	200x150
ISO. 360 A2	646-806-968	136.8-124 105.2	295L2-328-3432	200x150
1S0.360A3	596-740-890	1148-100-84	235.2-249.^258.4	200x150
1S0.360A4	530-662-796	93.6-80-663	17&8-184B-1S6.4	200x150
150-360B1	650-814-976	15€i8-140-120	33&4-369^394.4	200x150
150-360B2	M8-734-880	132-118-100	2624-288-300	200x150
150360B3	534-668-800	110-100-852	2012-228-23S.4	200x150
150-360B4	466-584-700	912-82-70	1516^1672-176	200x150
1S0-460A1	692-B64-1032	190-174-148	456-512-557^	200x150
150>460A2	634-792-950	152-140-1123	34Q8-3843-405.6	200x150
150-460B1	600-750-900	177.6-160-138	372-408^4563	200x150
150-460B2	520-648-780	142-132 113.6	268-298.4-325.6	200x150

Other Sizes Can Provide On Request.

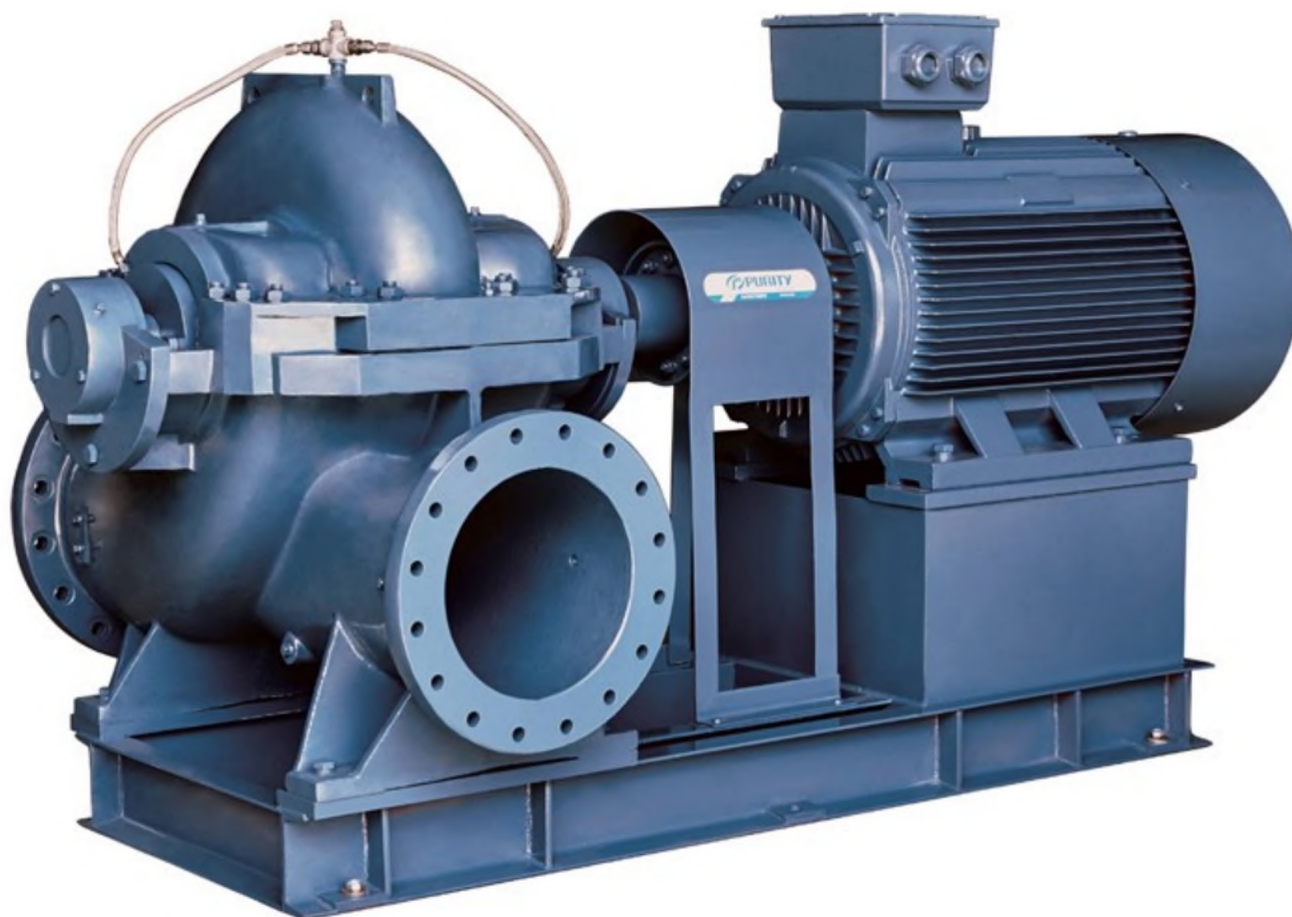
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



MATERIAL DESCRIPTION

No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Block ring	Rubber	8	Seal house	Cast iron	15	Gland seal(Mechanical Seal)	Cast iron
2	O-ring	Rubber	9	Bearing	Ball Bearing	16	Release Valve	Brass
3	Flushing pipe	SS304	10	Lock washer	Steel	17	Pump Case	Cast iron
4	Packing ring	Carbon	11	Shaft	SS304/45# Steel	18	Impeller	SS304/Cast iron
5	V^ve	Brass	12	Shaft Key	Iron	19	Output flange	Cast iron
6	Pump cover	Cast iron	13	Input flange	Cast iron	20	Shaft sleeve	SS304
7	Vent plug	Brass	14	Bolt	Steel	21	Bearing house	Cast iron

Product Description





TECHNICAL DESCRIPTION

New split case pump
Original design by PURITY (patented)
Available complete with electric motor or diesel engine
Easily back pull-out from driver
Pump case with anti-corrosive coating HT250
Impeller in stainless steel AISI 304 or HT250
Shaft in stainless steel AISI 304 or galvanized iron
Quality bearing, mechanical seal/gland packing

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The split case 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 25 bar
Continuous service SI

TECHNICAL DATA

TECHNICAL DATA / DATOS TíCNICOS PSC 60 HZ n=3500 1/min

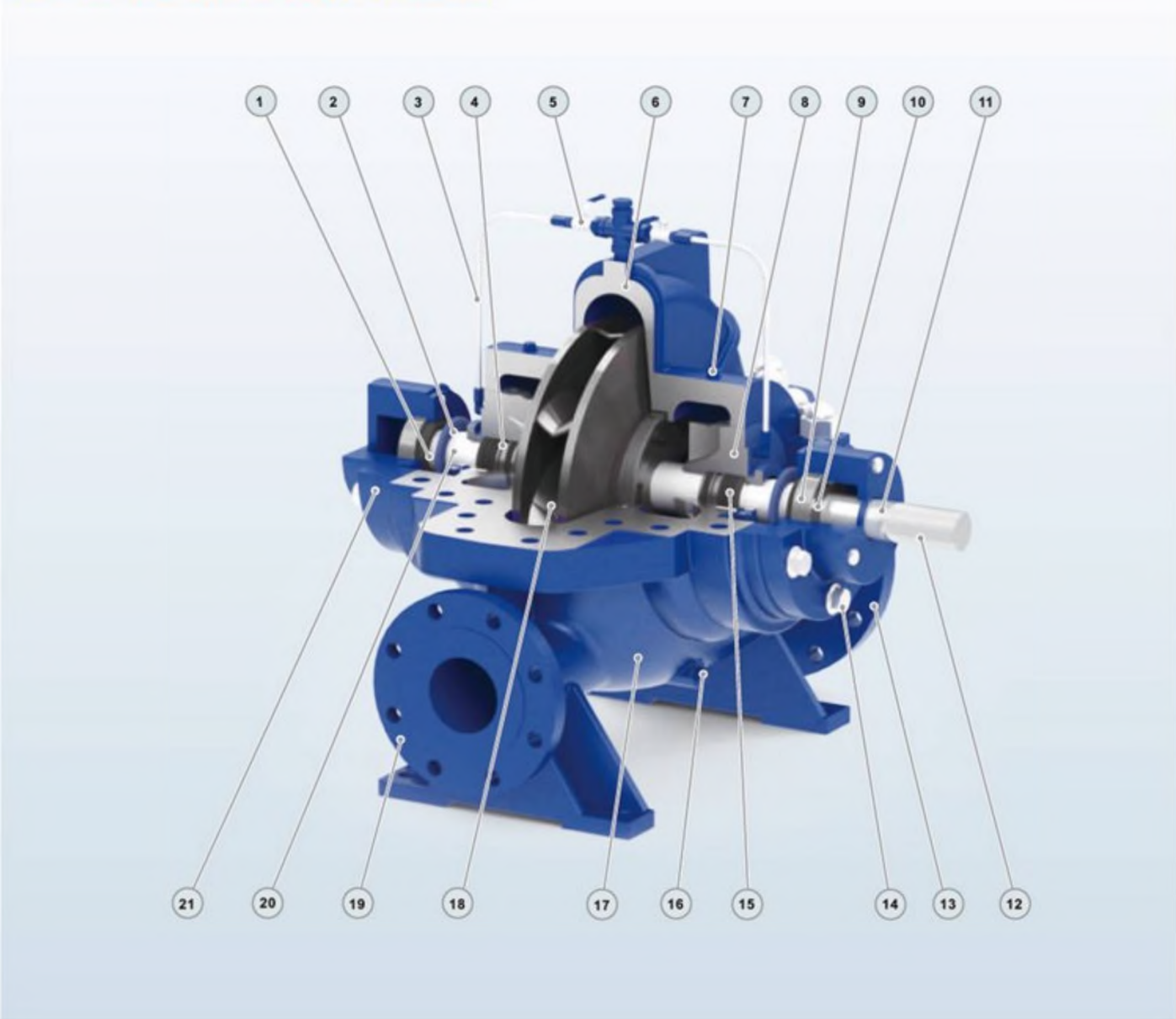
MODEL MODELO	Flow Range Rsngo de Cst/dBI	Head Range Rango de Altura	Power Range Rango ds Rotenda	DN (T¥n
	rr^lh	m	kw	
80-210A1	131-164-197	605-55-50	263-29S-33.4	125x80
80-210A2	121-151-181	52-47.5-422	21.6-24.1-26.1	125x80
80-210A3	115-144-173	44-39-35	173-19-211	12Sx80
80-210A4	110-137-164	37-315-27.7	14.7-1646.7	125x80
80-210B1	107-134-160	555-51-46	20.5-22S-25.1	125x80
80-210B2	106-133-159	47.7-43.5-37	17j6-19L3-20	125x80
80-210B3	100-124-149	40-36-30	14.4-15.6-165	125x80
80-210B4	91-113136	35-31-27	12.1-123-13.9	125x80
80-270A1	166-207-248	975-90-79	57-64.&-703	125x80
80270A2	156-194-233	835-77-69	46.6-52.6-58.1	125x80
80-270A3	147-184-220	70-635-55	37.5^1.8-44.6	125x80
80-270A4	138-173198	56550-45	28.7-31.4-323	125x80
80-270B1	137-171-205	91-8Z5-725	44.6^493-54.1	125x80
80-270B2	122-153-1S4	79.5-715-67	35.6-391-44.7	125x80
80*27063	115-144-173	663-60-53	28.5-313-33.7	125x80
80-270B4	110-137-164	S4S-49-42	22.4-24.5-25.9	125x80
80-37QA1	180-226-272	168-155.2-134	11^4-129.6-138.4	125x80
80-370A2	160-198-240	140-132-116.4	843-96.8-106L4	125x80
80-37QA3	140-176-212	117.2-110-98.8	65.6-75.2-81.6	125x80
80-37QA4	130-142-196	952-90-80	512-59L2-64	125x80
80-370B1	160-198-240	1552-142-1252	944-104.8-114.4	125x80
80-370B2	144-180-216	136.4-123.2-1052	77.6-86.4-912	125x80
80-370B3	120-152-180	110-102-90	56-64-68	125x80
80-37084	106-134-160	852-S0-70	392-4S648	125x80
100-250A1	230-288346	S3-7S-67	642-7a9-78.4	150x100
100-2S0A2	219-274-328	69-63-55	SL9-5&J-623	150x100
1OO-250A3	209-261-313	59-S2-46.5	43.5^8-51.5	150x100
100-2S0A4	193-240-290	4945-37	B.9-37.7-392	150x100
100<250B1	196-245-294	75-68-59	50-55^>593	150x100
100-250B2	180-223-268	65-59-51	40.6-44.7-47.9	150x100
100<250B3	165-205-246	56-51-44	32.9-M8-38S	150x100
100>250B4	150-190-227	4843-38	26.4-29.1-31.1	150x100
100-310A1	294-367-440	135-123-105	137.7-1533-164	150x100
1OO-310A2	268-335-402	11&-106-92	108-12L4-131	150x100
100-310A3	242-302-363	98-90-80	82.7-935-1025	150x100
100-310A4	182-227-333	72-74-66.5	52S-7Q7-78.1	150x100
100-310B1	226-283-M0	130-119-105	10S-117.4128S	150x100
1OO-310B2	208-260-310	111-103-90	813-93.7-100	150x100
100*310B3	200-250-300	92-S4-74	653-728^0.5	150x100
100-310B4	187-234-281	78-69-60	53.1-57.1-612	150x100
100-375AI	266-334-400	1892-184-152	196-226.4-233^	ISOxIOO
100-375A2	248-310-372	164-152-124	162.4-1803-184.8	150x100
100-375A3	216-270-324	110-1212-1012	1152-U6-134.4	150x100
100-375B1	228-284-340	190-176-156	177^>-189&-21S.4	150x100
100-37SB2	210-260 314	160-150-130	141.6-150.4-173.6	150x100
1OO-375B3	184-230-276	1232-114.8-100	101.6-114.4-1232	150x100

PSC 60 HZ n=3500 1/min

MODEL MODELO	Flow Range Rango de Caudal	Head Range Rango de Altura	Power Range Rango de Pct^nda	DN
	tn^*/h	m	kw	mm
12S-230A1	426-541-639	68-60-48	933-10L8-101.9	200x125
12S-230A2	392-490-585	60-52-435	78.1-821-84.4	200x125
12S230A3	363-454-544	50-43.5-35	63.4-65il-66.6	200x125
12S-230A4	340-425-489	40-34-30	494-5Q&-52.5	200x125
12S-230B1	377-472-566	68-60.5-55	842-92-10L5	200x125
L2S-230B2	349-43^>-523	60-53^44	703-748-772	200x125
12S-230B3	328-410-493	52-45-37	60.1-6L^633	200x125
12S-2X)&4	305-382-458	42.5-37-30	47.1-49.M9.9	200x125
12S290A1	428-535-642	117-10&-95	166-187-202	200x125
12S*290A2	397-497-596	97-88-75	131-145*153	200x125
12S-290A3	363-454-544	80-72-€2	101-U1-117	200x125
12S-290A4	323-403-484	65-57-47	74.7 初 *80.5	200x125
12S-290B1	383-480-575	113-100-8S.5	14S-157-166	200x125
12S290B2	348-436-523	93.5-83.5-70	112-121-126	200x125
12S-290B3	308-385-462	78-70-€0	845-93-96.9	200x125
12S-290B4	274-342-410	60-55-47	59^>-67.4-70	200x125
12S36SA1	490-620-720	200-188-176	329.6-377.6^18.4	200x125
12S-365A2	450-562-674	166.4156142.4	2544-288-3232	200x125
12S-365A3	410-512-614	134.8-126112.8	193.6-214.4-238.4	200x125
12S36SA4	368-460-556	102-96-83.6	1352-150.4-161.6	200x125
12S-36SB1	444.S54.666	185.2-172-155.2	2812-3203-352	200x125
12S-365B2	4O4-5O4-6O4	159.2-148-131.2	224-254.4-273.6	200x125
12S365B3	364-454-544	130.4-122-110	17L2-196-214.4	200x125
12S-365B4	316-396-476	105.2-98-87.2	1192-1392-150.4	200x125
150-290A1	708-886-1062	96-84-70	2163-2323-242.4	200x150
150*290A2	646-806-968	S4-72-60	177.6-184-192	200x150
150-290A3	604-756-908	70-60-492	144-1472-1523	200x150
150-290A4	560-700-792	543-46^40	1112-U3j6-U3.6	200x150
150-290B1	634-792-950	93.6-81.6-664	192-2O4B-2O5.6	200x150
150-290B2	604-756-908	80-68-543	1S92-164.8-16S.6	200x150
150-290B3	564-70G-846	70-58-452	132S-1323-132	200x150
150-290B4	S30-662-756	56^46-392	104-104-106.4	200x150
150-360A1	714-892-1072	165.2-152-136.8	3872-434.4^4832	200x150
150-3G0A2	646-806-968	136.8-124-105.2	2^2-328-3432	200xiSO
1S0-360A3	596-740-890	1143-100-84	235.2-249^>-258.4	200x150
150-360A4	S30-662796	93.6-80-66B	17&8-1843-186.4	200x150
150-360B1	650-814-976	1568-140-120	33&4-369.6-394.4	200x150
150-360B2	588-734-880	132-118100	2624-288-300	200x150
1S0-360B3	534-668-800	110-100-852	2Q3.2-228-2384	200x150
1S0-360B4	466-584-700	912-82-70	1516-1672-176	200x150
150-460A1	692-864-1032	190-174-148	456-512-557^	200x150
1S0-460A2	634-792-950	152-140112.8	34Q8-3843-405.6	200x150
150-460B1	600-750-900	177.6-160-138	372-408^456,8	200x150
150-460B2	520-648-780	142-132-113.6	268-298.4-325.6	200x150

Other Sizes Can Provide On Request.

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



MATERIAL DESCRIPTION

No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Block ring	Rubber	8	Seal house	Cast iron	15	Gland seal(Mechanical Seal)	Cast iron
2	O-ring	Rubber	9	Bearing	Ball Bearing	16	Release Valve	Brass
3	Flushing pipe	SS304	10	Lock washer	Steel	17	Pump Case	Cast iron
4	Packing ring	Carbon	11	Shaft	SS304/45# Steel	18	Impeller	SS304/Cast iron
5	V^ve	Brass	12	Shaft Key	Iron	19	Output flange	Cast iron
6	Pump cover	Cast iron	13	Input flange	Cast iron	20	Shaft sleeve	SS304
7	Vent plug	Brass	14	Bolt	Steel	21	Bearing house	Cast iron



Centrifugal pumps PT

[PT]Centrifugal Vertical Inline pipe pump from Purity for irrigation

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

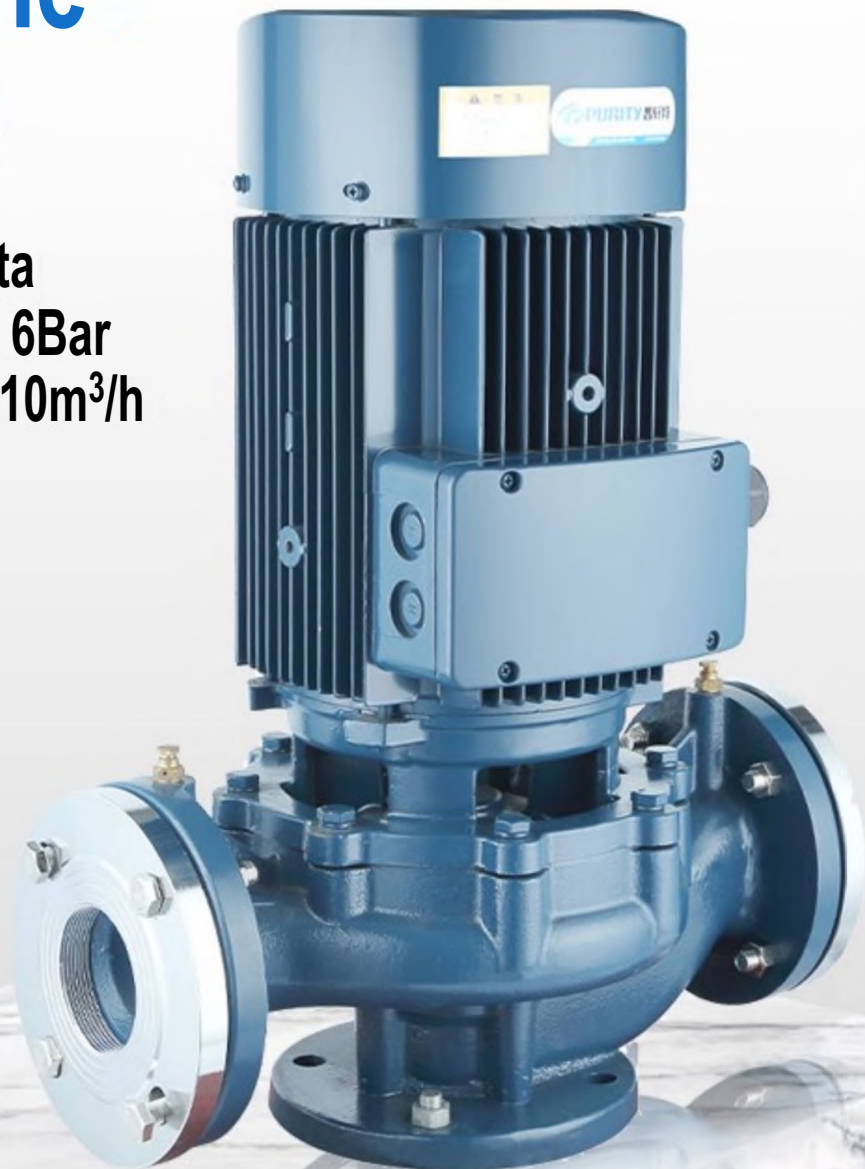


Vertical Pipeline Pump

Technical Data

Lift ranged · 6Bar

Flow range: 210m³/h



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

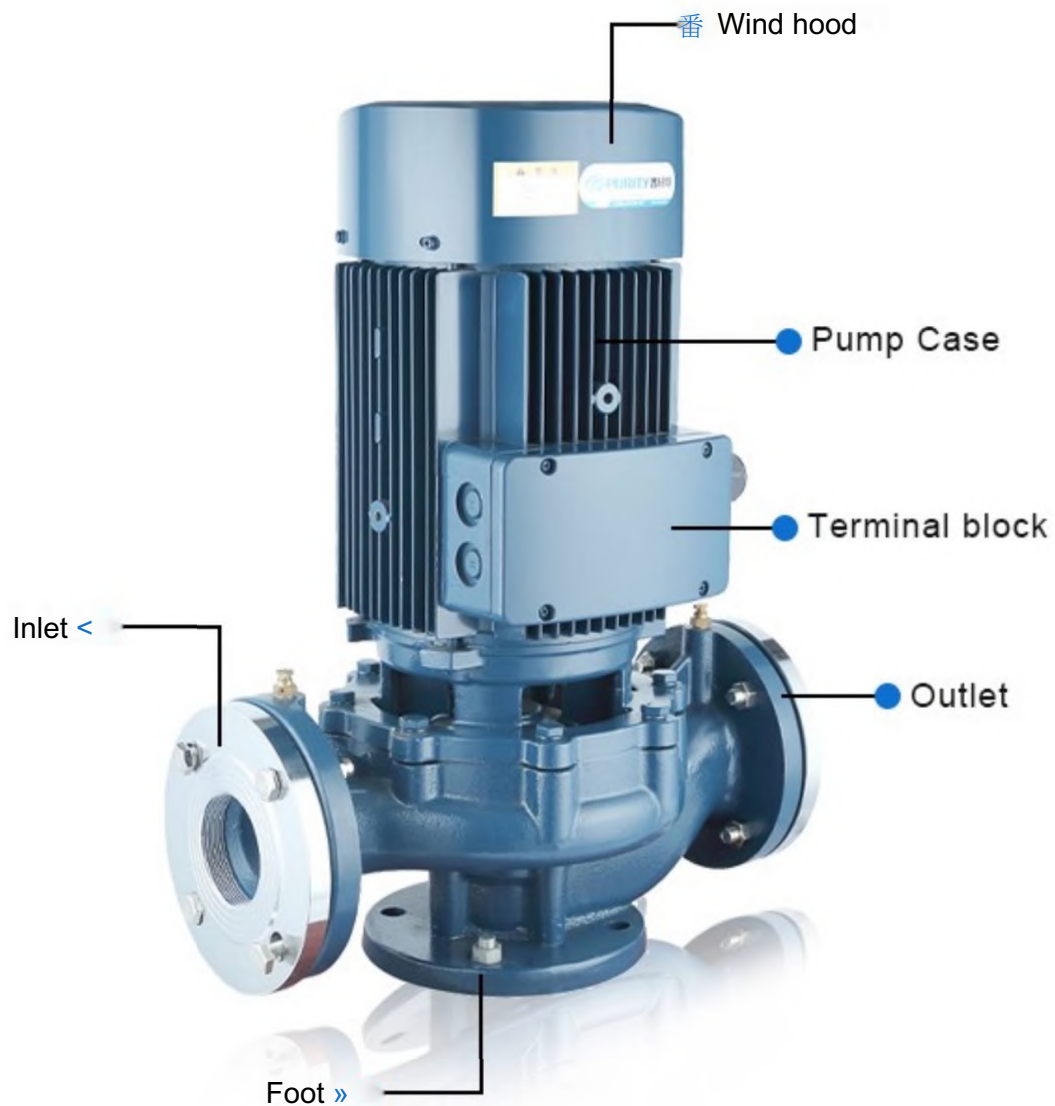


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION



Model Description

PT	50	-	170	/	7	
						Rated Power(1/10kw)
						Impeller Diameter(mm)
						Outlet diameter(mm)
						Pump Model

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

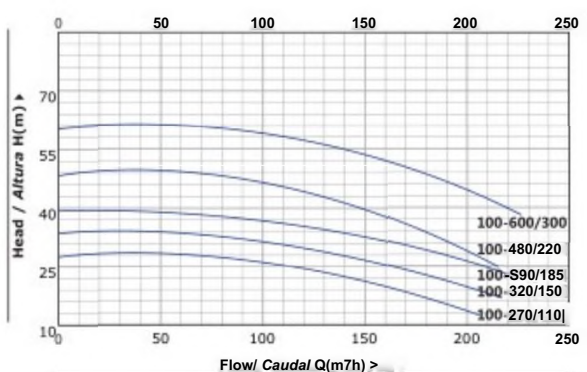
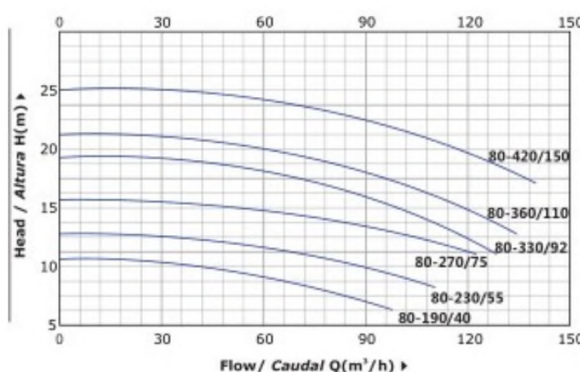
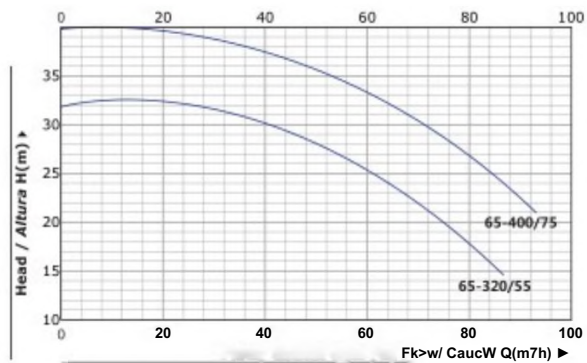
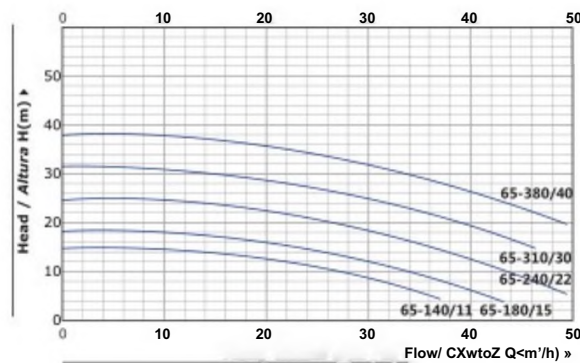
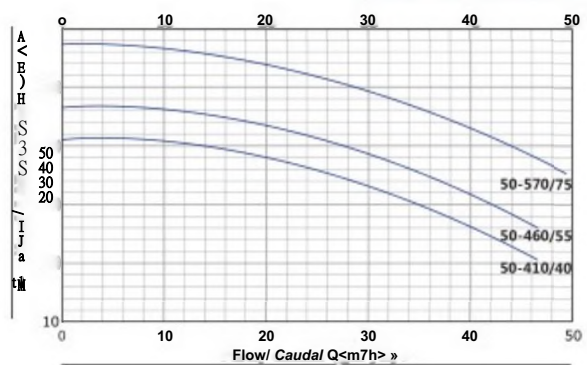
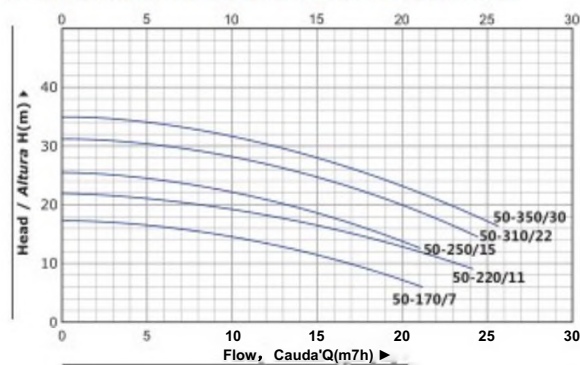
Continuous service S1

MODEL MODELO	Power	l/min	QsDELIVERY 1 CAUDAL																				DN
	Potencia		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	133	180	210	
50-170/7 ♦	0.75 1	H(m)	17.5	16.7	15	12	9																50x50
50-220/11*	1.1 1.5		22	21	19.7	16.5	14.5	9															50x50
50-250/15*	1.5 2		25.4	23.7	22.5	18.5	15.8																50x50
50-310/22*	2.2 3		31	29.6	28.5	24.5	22	15															50x50
50-350/30*	3 4		35	34.3	34	28	25.5	19	15														50x50
50-410/40*	4 5.5		41				38.5	36.2	35	30	25												50x50
50-460/55*	5.5 7.5		46				43.8	41.3	40.1	35	30												50x50
50-570/75*	7.5 10		57				53.6	51.5	50	45	41	36.5											50x50
65-140/11	1.1 1.5		14.7				13.5	11.5	10.1	5.8													65x65
65-180/15	1.5 2		18.1				17	15	13.9	9.6	6												65x65
65-240/22	2.2 3		24.5				23.2	21.5	20.2	16	13	8.3											65x65
65-310/30	3 4		31.8				29.5	27.5	26.3	21.5	17.5												65x65
65-380/40	4 5.5		38				36	34	33	28.5	25	20.1											65x65
65-320/SS	5.5 7.5		32							30.6	30	28	26.6	20.5	14.8								65x65
65-400/75	7.5 10		40								38	37	36	34.4	29	24	21						65x65
80-190/40	4 5.5		19										17.3	16.8	14.5	11.8							80x80
80-230/55	5.5 7.5		23										21.3	20.9	19	17.5	16.7	13.7					80x80
80-270/75	7.5 10		27										26	25.6	24.5	23	22.5	20	18				80x80
80-330/92	9.2 12.5		33										31.5	30	28	27.1	24	21.5					80x80
80-360/110	11 15		36											34.5	33	31.5	30.8	28	25.5				80x80
80-420/150	15 20	42											41	40	38.5	37.8	35	33	29.5			80x80	
100-270/110	11 15	27														27.3	26	24.5	22.5		16	100x100	
100-320/150	15 20	32.8														32.5	31.3	30.2	28.5	22.1	16.7	100x100	
100-390/185	18.5 25	39														38	36.8	36.7	33.8	28.8	23.5	100x100	
100-480/220	22 30	48														47.5	45.5	43.5	41	34.5	24.5	100x100	
100-600/300	30 40	60														59.5	58	57	54.5	47	40.5	100x100	

★ := Stainless steel impeller / Impulsor en inox

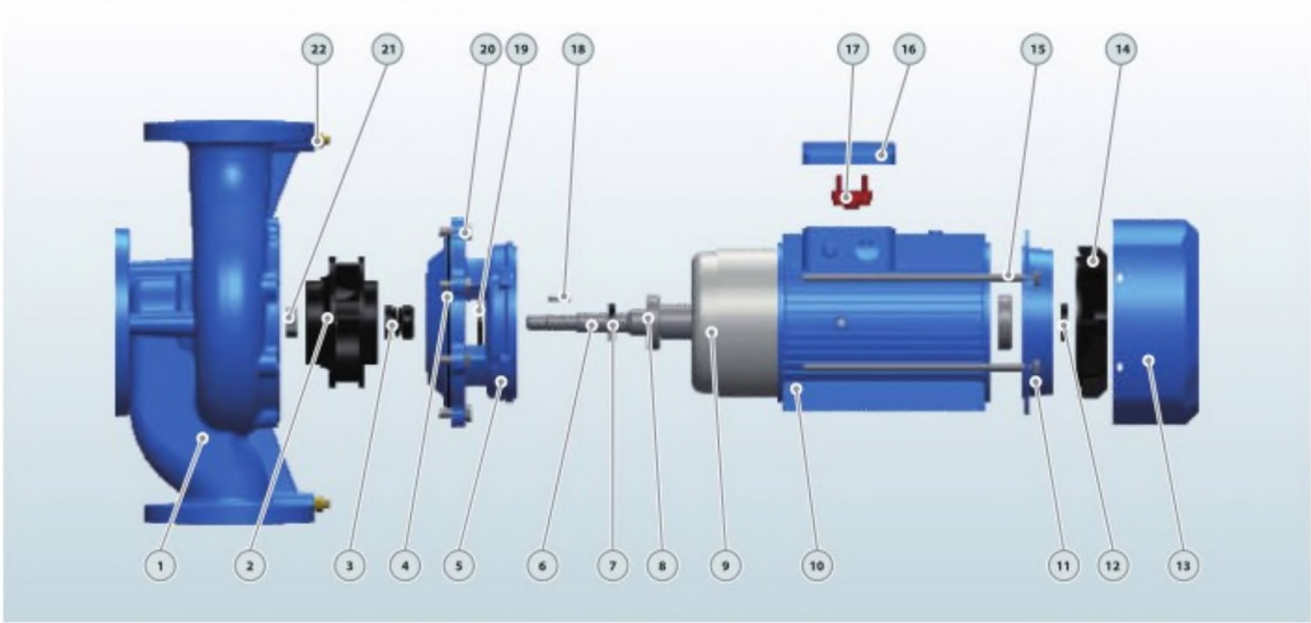
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min



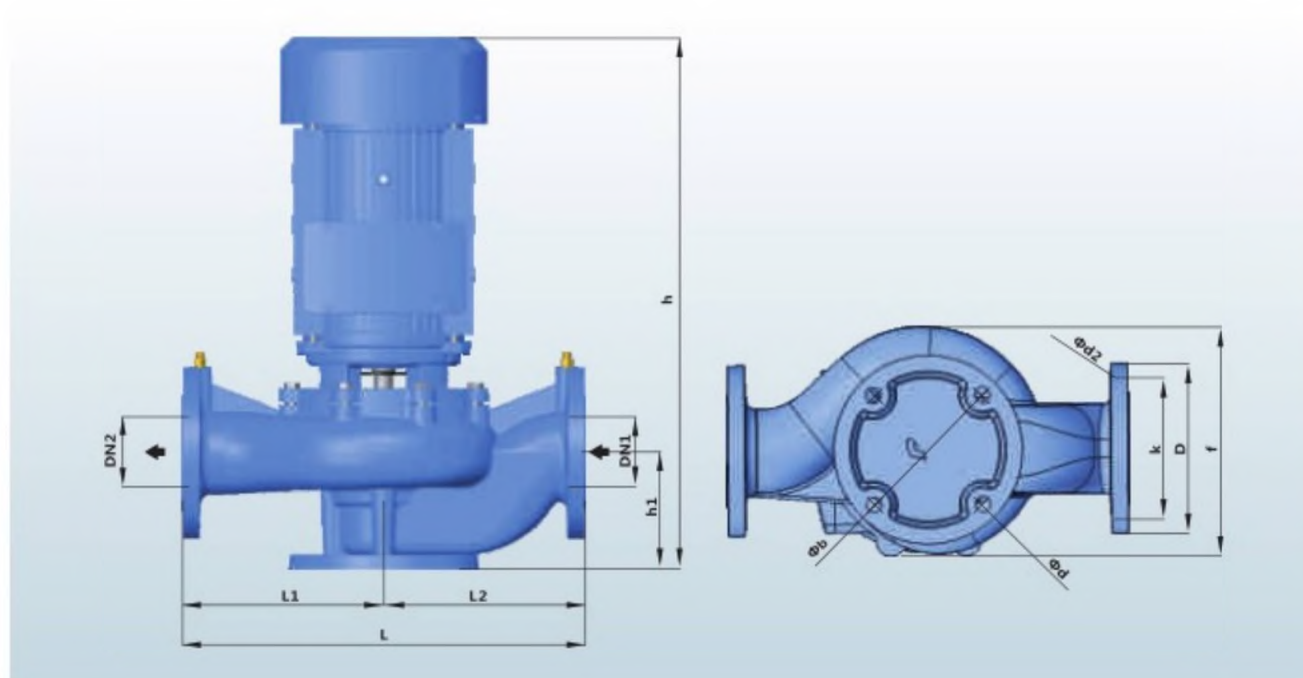
MATERIAL DESCRIPTION

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	9	Wound Stator Rotor Estator / Rotor	Silicon Steel / Copper Acero al Silicio / Cobre	17	Terminal Box Caja Terminal	Plastic Plástico
2	Impeller Impulsor	SS304 / Cast iron Inox 304 / Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	18	Impeller Nut Tuerca de Impulsor	Iron Hierro
3	Mechanical Seal Mecanismo de Sellado	SIC / Cartridge / VSS304 SC-Gns / Frio / W	11	Back Cover Tapa Trasera	Cast iron Fundición	19	Water Deflector Deflector de Agua	Rubber Goma
4	O-ring Junta Tórica	Rubber Caucho	12	Reinforced Seal Sello Reforzado	Rubber Caucho	20	Connection Bolt Boltón de Conexión	Steel Acero
5	Connection Conexión	Cast iron Fundición	13	Fan Cover Tapa del Ventilador	Aluminum Aluminio	21	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
6	Shaft Eje	SS304 / 5# Steel Inox 304 / 45# Htomo	14	Fan Ventilador	Plastic Plástico	22	Release Valve Válvula de Liberación	Brass Latón
7	Reinforced Seal Sello Reforzado	Rubber Caucho	15	Through Bolt Perno	Steel Acero			
8	Bearing Rodamiento	Ball Bearing Bola Rodante	16	Impeller Box Caja de Impulsor	Aluminum Aluminio			

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS

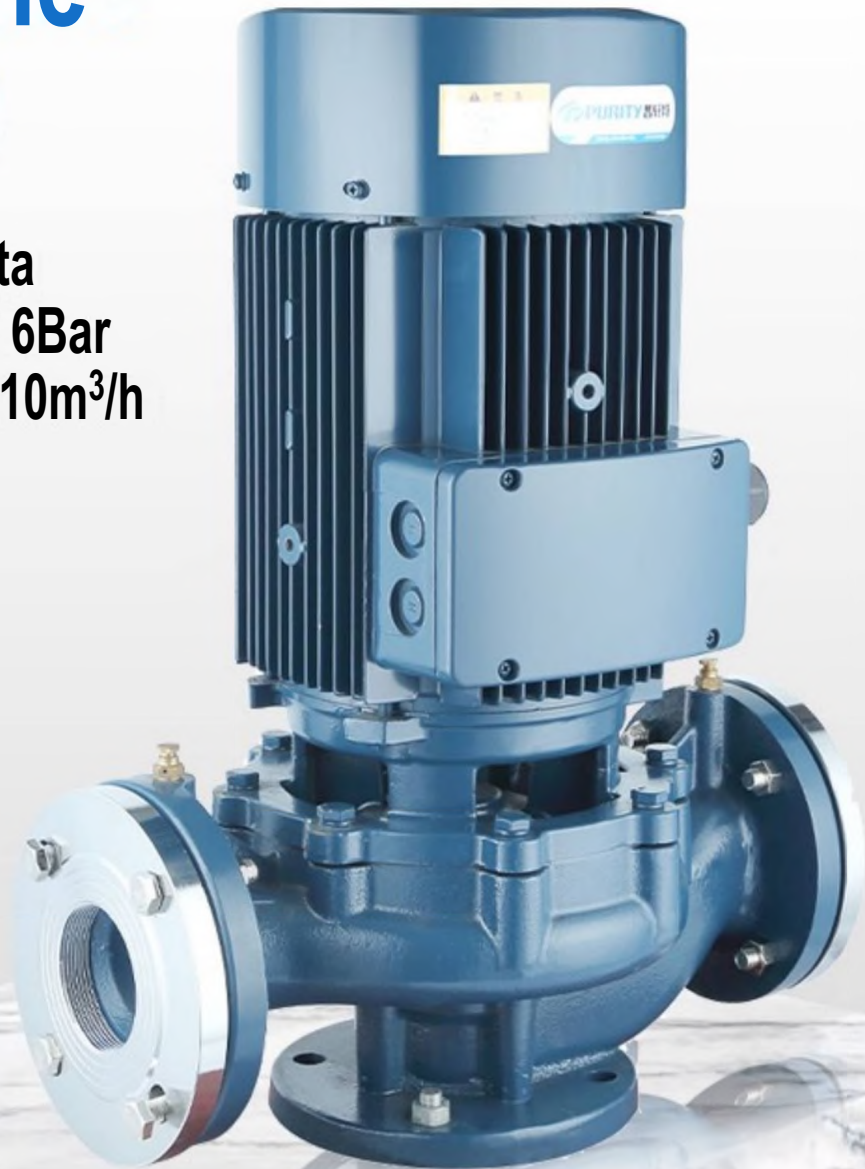


MODEL MODELO	DIMENSIONS 1 DIMENSIONES mm														kg	
	DN1	DN2	h	M	L	b	f	d	L1	L2	D	K	d2	└	3-	
50-170/7	SO	SO	475	115	340	145	197	18	170	170	165	12S	4*18	26	24	
50-220/11	50	50	475	115	340	145	197	18	170	170	165	12S	4*18	27	25	
50-250/15	SO	SO	450	100	322	145	229	18	161	161	16S	12S	4*18	36	34	
50-310/22	50	50	450	100	322	145	229	18	161	161	16S	12S	4*18	41	39	
50-350/30	50	50	480	100	322	145	229	18	161	161	16S	12S	4*18	S2	SO	
50-410/40	50	SO	485	US	440	160	277	18	220	220	16S	12S	4*18	-	59	
50-460/55	SO	SO	485	115	440	160	277	18	220	220	165	12S	4*18	-	66	
50-570/75	50	50	485	11S	440	160	277	18	220	220	16S	12S	4*18	-	73	
65-140/11	65	65	465	105	360	145	212	18	180	180	185	14S	4*18	29	27	
65-180/15	65	6S	465	105	360	145	212	18	180	180	185	14S	4*18	31	29	
65-240/22	6S	65	465	105	360	145	212	18	180	180	185	14S	4*18	36	34	
65310/30	65	65	530	112	400	160	250	18	200	200	185	14S	4*18	50	48	
65-380/40	65	65	530	112	400	160	250	18	200	200	185	14S	4*18	-	50	
65-320/SS	65	65	583	112	400	160	263	18	200	200	185	14S	4*18	-	64	
65-400/75	6S	6S	583	112	400	160	263	18	200	200	185	14S	4*18	-	71	
80-190/40	80	80	61S	135	470	180	267	18	23S	23S	200	160	8*18	-	S6	
80-230/55	80	80	61S	135	470	180	267	18	23S	23S	200	160	8'18	-	68	
80-270/75	80	80	61S	13S	470	180	267	18	23S	23S	200	160	8*18	-	74	
80-330/92	80	80	658	135	470	200	290	18	23S	23S	200	160	8*18	-	90	
80-360/110	80	80	658	135	470	200	290	18	23S	23S	200	160	8*18	-	106	
80-420/150	80	80	780	13S	470	200	290	18	23S	23S	200	160	8*18	-	134	
100-270/110	100	100	685	160	SS2	220	310	18	276	276	220	180	8*18	-	113	
100-320/150	100	100	807	160	552	220	310	18	276	276	220	180	8*18	-	143	
100-390/185	100	100	807	160	552	220	310	18	276	276	220	180	8*18	-	150	
100-480/220	100	100	880	160	SS2	220	322	18	276	276	220	180	8*18	-	212	
100-600/300	100	100	950	160	552	220	322	18	276	276	220	180	8*18	-	222	



Vertical Pipeline Pump

Technical Data
Lift ranged · 6Bar
Flow range:210m³/h



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

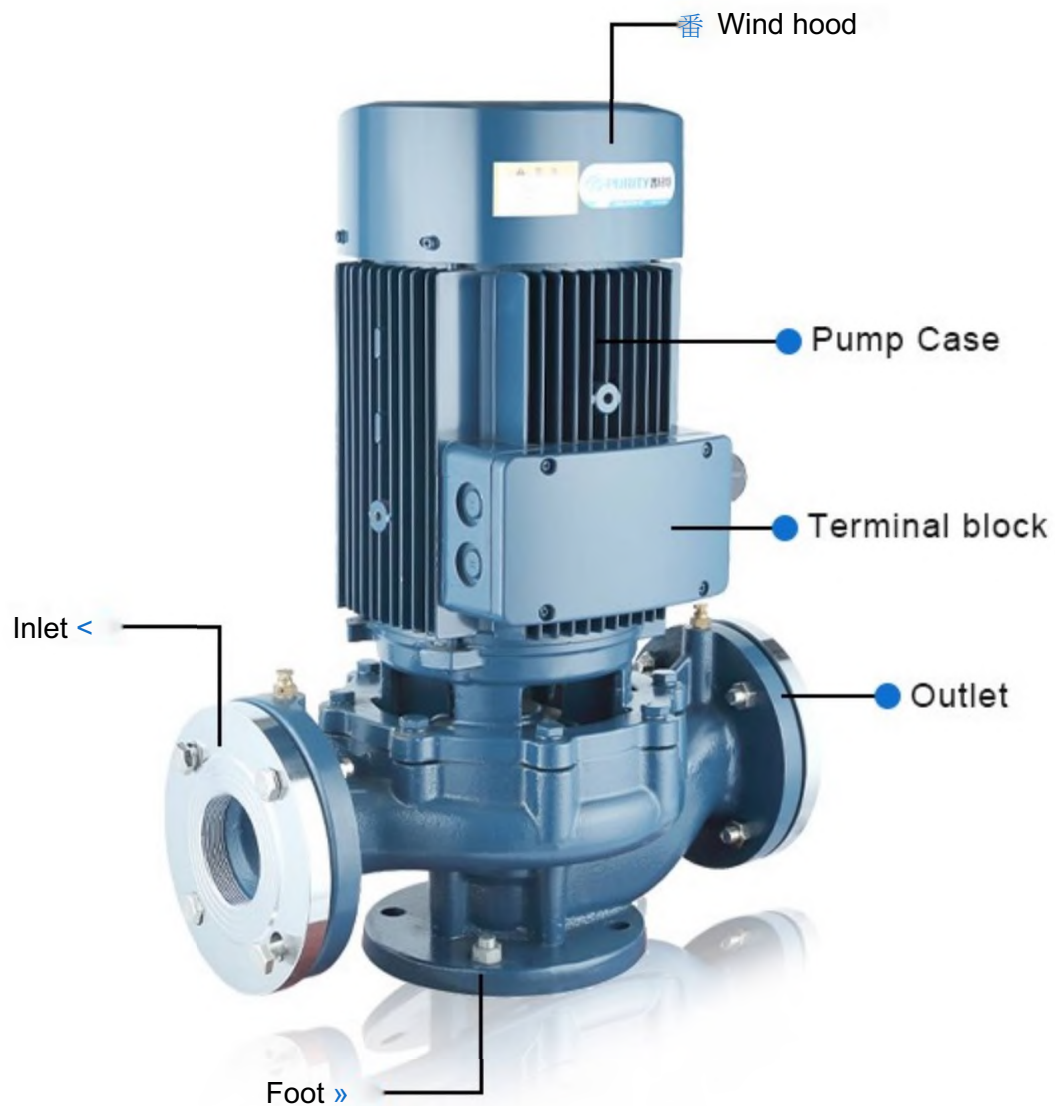


Costormized
Sizes & Pumps



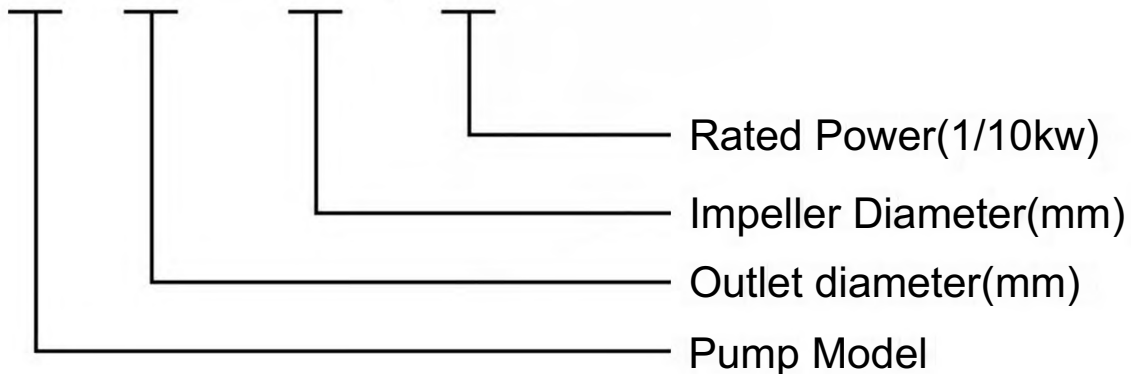
Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION



Model Description

PT 50 - 170 / 7



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

TECHNICAL DATA / DATOS TÉCNICOS

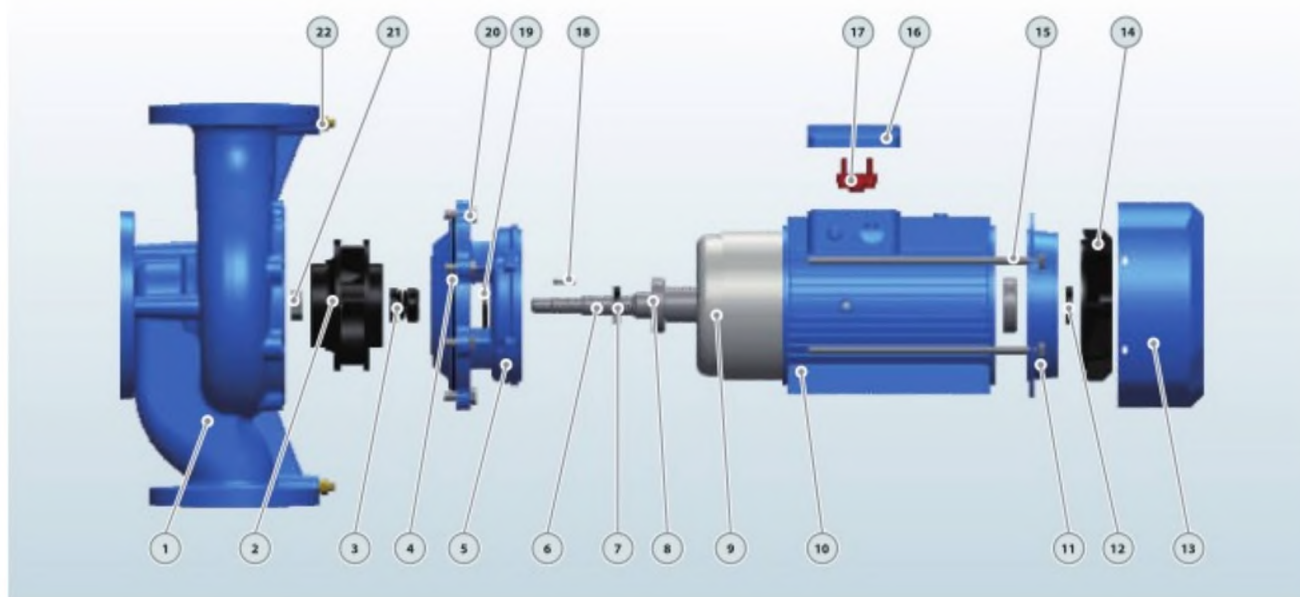
60 HZ n=3500 1/min

MODEL MODELO	Power Potencia		l/min mM	(^)DELIVERY / CAUDAL																		DN mm	
	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	138	180	210		
50-170/7 ★	0.75	1	H(m)	17.5	16.7	15	12	9														50x50	
50-220/11 ★	LI	1.5		22	21	19.7	16.5	14.5	9														50x50
50-250/15*	1.5	2		25.4	23.7	22.5	18.5	15.8															50x50
50*310/22*	Z2	3		31	29.6	28.5	24.5	22	15														50x50
50-350/30*	3	4		35	34.3	34	28	25.5	19	IS													SOxSO
50-410/40*	4	5.5		41				38.S	36.2	35	30	25											50x50
SO-460/55*	S.5	7.5		46				43.8	41.3	40.1	35	30											50x50
50-570/75*	7.5	10		57				53.6	51.5	50	45	41	365										50x50
65.140/11	LI	1.5		14.7				13.5	11.5	10.1	5.8												65x65
6S-180/1S	1.5	2		18.1				17	15	135	9.6	6											65x65
65.240/22	22	3		24.5				23.2	21.5	202	16	13	8.3										65x65
65-310/30	3	4		31.8				29.5	27.5	263	215	17.5											65x65
65-380/40	4	5.5		38				36	34	33	28.5	25	20.1										65x65
65-320/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8							65x65
65-400/75	7.5	10		40							38	37	36	34.4	29	24	21						65x6S
80-190/40	4	5.5		19									173	16名	14.5	13	113						80x80
80-230/55	5.5	7.5		23									213	20.9	19	17.5	16.7	13.7					80x80
80-270/75	7.5	10		27									26	2Sj6	24.5	23	22.5	20	18				80x80
80-330/92	9.2	12.5		33										31.5	30	28	27.1	24	21.5				80x80
80-360/110	11	15		36										34.5	33	31.S	303	28	25.5				80x80
80-420/1S0	15	20		42										41	40	3κ.5	373	35	33	29.5			80x80
100-270/110	11	15		27													273	26	24.5	22.5	16		100x100
100-320/150	15	20		32.8													32.5	31.3	302	28.S	22.1	16.7	100x100
100-390/185	18.5	25		39													38	36.8	36.7	33.8	28.8	23.5	100x100
100-480/220	22	30		48													47.5	45.5	43.5	41	32.5	24.5	100x100
100600/300	30	40		60													595	58	57	S4.5	47	40.5	100x100

★=Stainless steel impeller/ Impulsoren inox

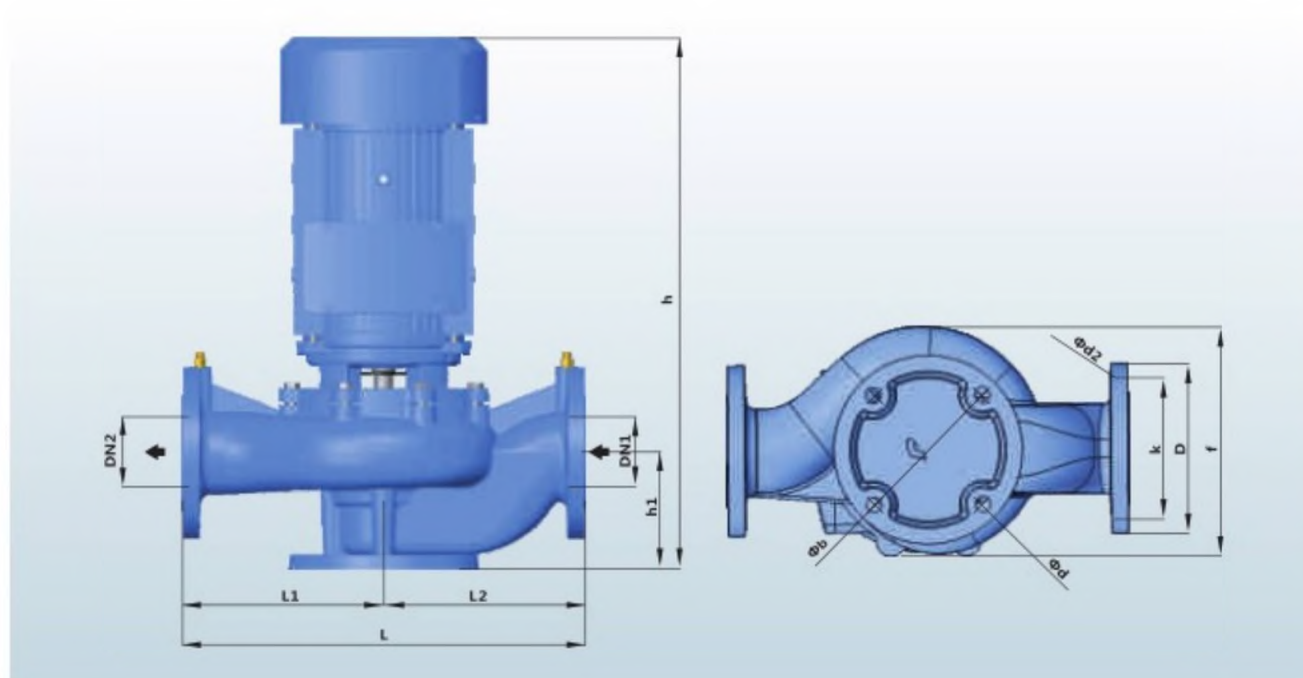
MATERIAL DESCRIPTION

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cáscara de Bomba	Cast iron Fundición	9	Wound Slaton Rotor Estator / Rotor	Silicon Steel Acero al Silicio	17	Terminal Board Tabla de Borneos	Plastic Plástico
2	Impeller Impulsor	SS304/Cast iron Inox 304/Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	18	Impeller Key Chave de Impulsor	Iron Hierro
3	Mechanical Seal Sellado Mecánico	SICX: arbor VSS304 SC-Gmfta-frJOxW	11	Back Cover Tapa Trasera	Cast Iron Fundición	19	Water Deflector Deflector de Agua	Rubber Caucho
4	O-ring Junta Tórica	Rubber Caucho	12	Reinforced Seal Sellado Reforzado	Rubber Caucho	20	Connection Bolt Perno de Conexión	Steel Acero
5	Connection Conexión	Cast iron Fundición	13	Fan Cover Tapa Ventilador	Aluminum Aluminio	21	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
6	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	14	Fan Ventilador	Plastic Plástico	22	Release Valve Válvula de Liberación	Brass Latón
7	Reinforced Seal Sellado Reforzado	Rubber Caucho	15	Through Bolt Perno	Steel Acero			
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	16	Terminal Box Caja de Borneos	Aluminum Aluminio			

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL MODELO	DIMENSIONS 1 DIMENSIONES mm														kg	
	DN1	DN2	h	M	L	b	f	d	L1	L2	D	K	d2	└	3-	
50-170/7	SO	SO	475	115	340	145	197	18	170	170	165	12S	4*18	26	24	
50-220/11	50	50	475	115	340	145	197	18	170	170	165	12S	4*18	27	25	
50-250/15	SO	SO	450	100	322	145	229	18	161	161	16S	12S	4*18	36	34	
50-310/22	50	50	450	100	322	145	229	18	161	161	16S	12S	4*18	41	39	
50-350/30	50	50	480	100	322	145	229	18	161	161	16S	12S	4*18	S2	SO	
50-410/40	50	SO	485	US	440	160	277	18	220	220	16S	12S	4*18	-	59	
50-460/55	SO	SO	485	115	440	160	277	18	220	220	165	12S	4*18	-	66	
50-570/75	50	50	485	11S	440	160	277	18	220	220	16S	12S	4*18	-	73	
65-140/11	65	65	465	105	360	145	212	18	180	180	185	14S	4*18	29	27	
65-180/15	65	6S	465	105	360	145	212	18	180	180	185	14S	4*18	31	29	
65-240/22	6S	65	465	105	360	145	212	18	180	180	185	14S	4*18	36	34	
65310/30	65	65	530	112	400	160	250	18	200	200	185	14S	4*18	50	48	
65-380/40	65	65	530	112	400	160	250	18	200	200	185	14S	4*18	-	50	
65-320/SS	65	65	583	112	400	160	263	18	200	200	185	14S	4*18	-	64	
65-400/75	6S	6S	583	112	400	160	263	18	200	200	185	14S	4*18	-	71	
80-190/40	80	80	61S	135	470	180	267	18	23S	23S	200	160	8*18	-	S6	
80-230/55	80	80	61S	135	470	180	267	18	23S	23S	200	160	8*18	-	68	
80-270/75	80	80	61S	13S	470	180	267	18	23S	23S	200	160	8*18	-	74	
80-330/92	80	80	658	135	470	200	290	18	23S	23S	200	160	8*18	-	90	
80-360/110	80	80	658	135	470	200	290	18	23S	23S	200	160	8*18	-	106	
80-420/150	80	80	780	13S	470	200	290	18	23S	23S	200	160	8*18	-	134	
100-270/110	100	100	685	160	SS2	220	310	18	276	276	220	180	8*18	-	113	
100-320/150	100	100	807	160	SS2	220	310	18	276	276	220	180	8*18	-	143	
100-390/185	100	100	807	160	SS2	220	310	18	276	276	220	180	8*18	-	150	
100-480/220	100	100	880	160	SS2	220	322	18	276	276	220	180	8*18	-	212	
100-600/300	100	100	950	160	SS2	220	322	18	276	276	220	180	8*18	-	222	



Centrifugal pumps PST

[PST]Centrifugal Pump Horizontal Centrifugal Pump for Water Supply

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

Centrifugal Pump



Technical Data

Lift ranged-14Bar

Flow range:26-5586GPM



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



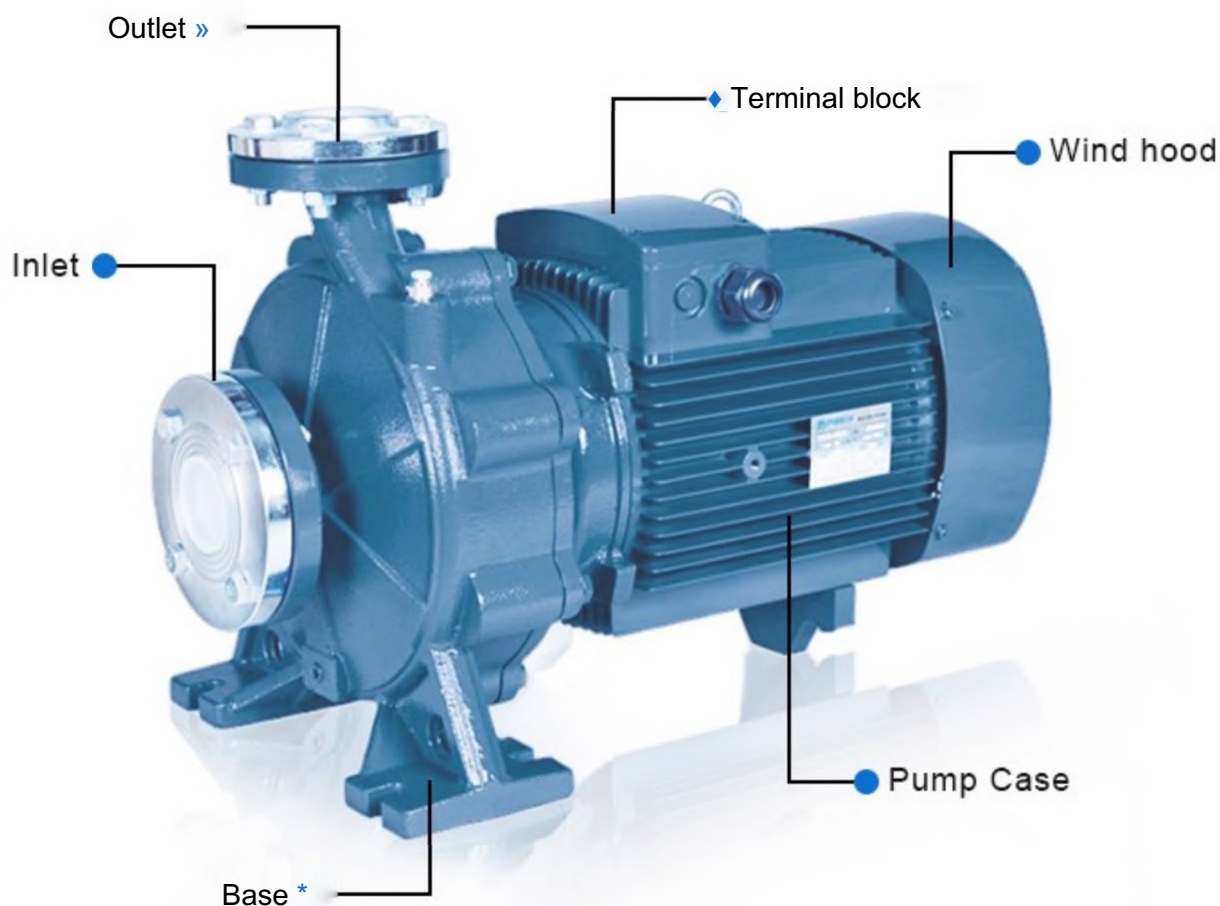
Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION

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Model Description

PST m 32 - 160 / 30

- Rated Power(1/10kw)
- Impeller Nominal diameter(mm)
- Outlet diameter(mm)
- Single Phase
(m is omitted for three-phase)
- Standard Centrifugal 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

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	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 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 iron
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 mm
				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.S	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	853	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						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

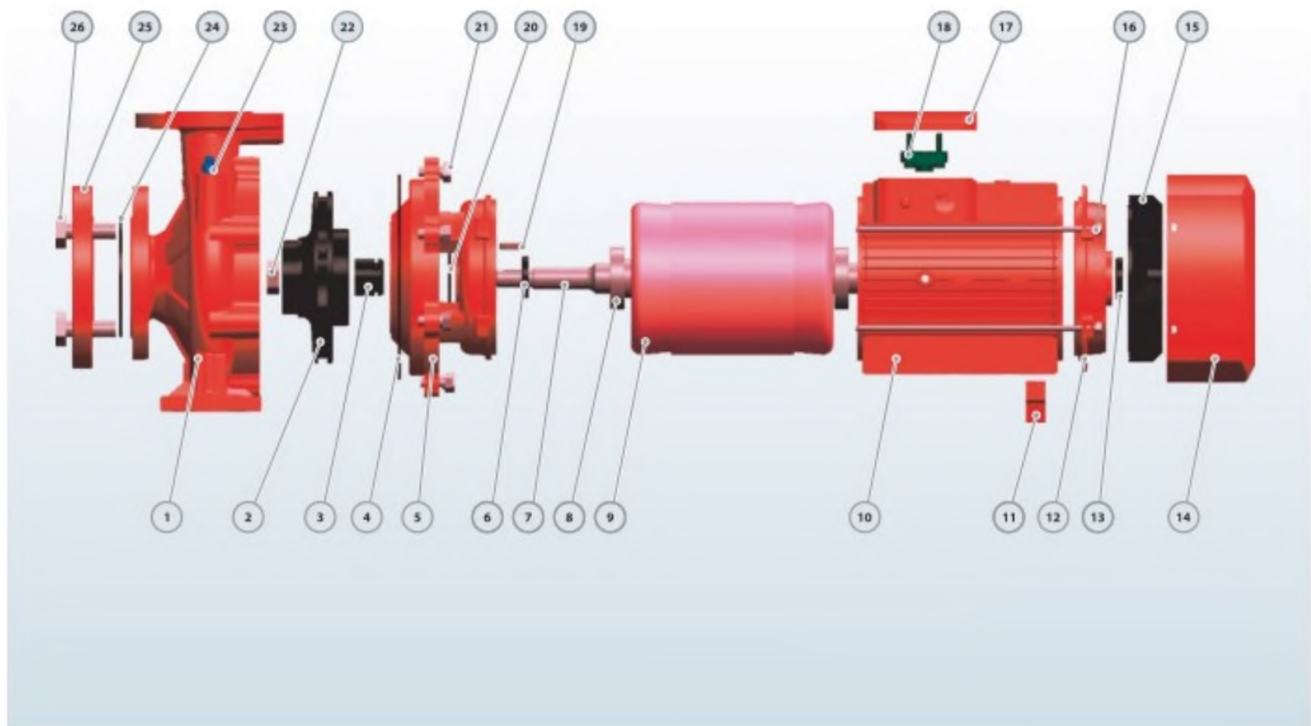
TECHNICAL DATA

 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	4405	
	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	mm
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	12S		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	12S	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	10	Motor Case	MminiMn	19	Impeller Key	Iron
2	Impeller	SS304JCast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechancai Seal	SICX^rtxMVSS304	12	Bade Cover	Cast von	21	Connection Bolt	Steel
4	O-mg	Rubber	13	Reinforced Seal	Rubber	22	Impefter Nut	Gakanized Sleei
5	Connection	Cesi iron	14	Fan Cover	Aluminon	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Piastre	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through BoM	SieeJ	25	Counter Flange	Gaivaruatod Cast ron
8	Bearing	BaN Bearing	17	Terminal Box	Aluminum	26	Flange Bdt	Sled
9	Wound Stator/Rotor	Siioon SteeliCopper	18	Terminal Board	Ptaslic			

Centrifugal Pump



Technical Data

Lift ranged-14Bar

Flow range:26-5586GPM



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



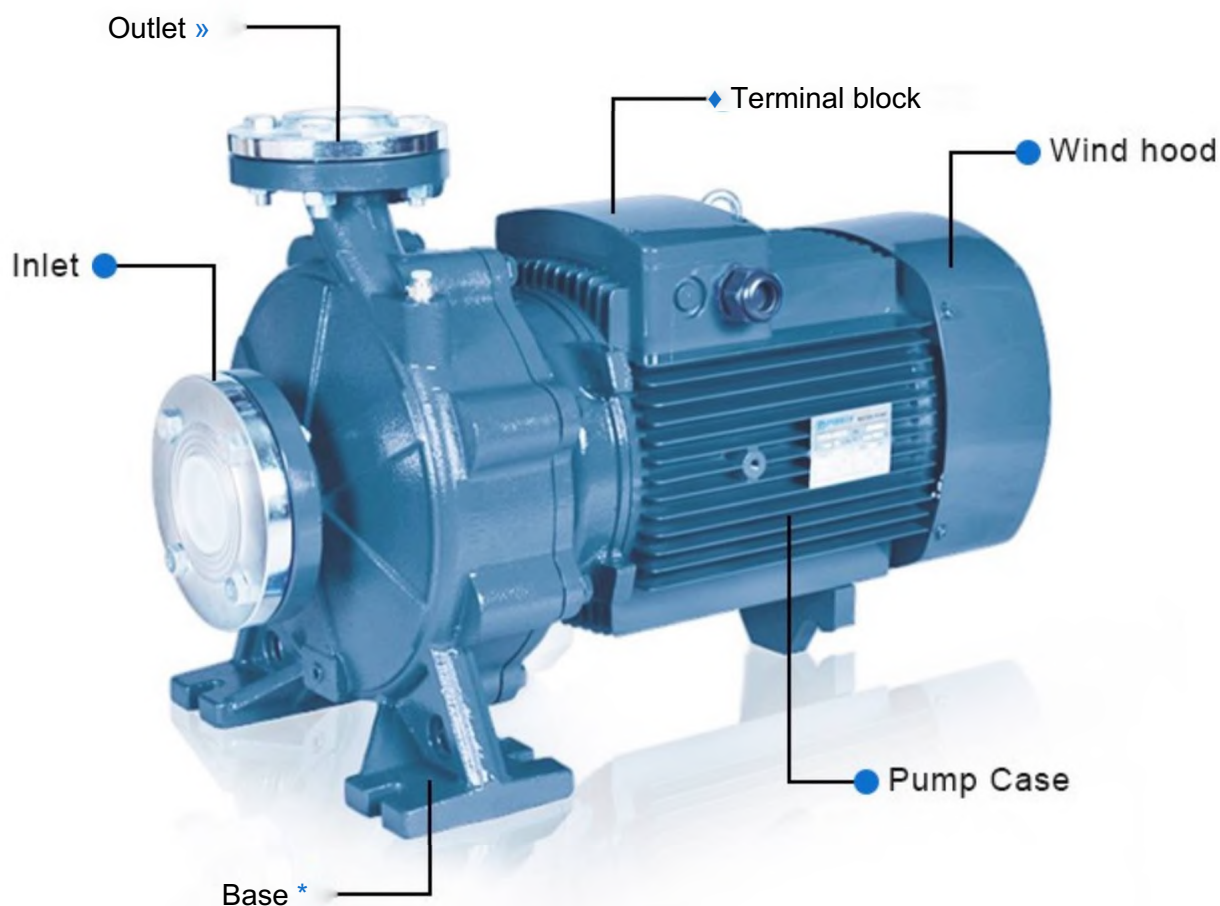
Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION

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Model Description

PST m 32 - 160 / 30

- Rated Power(1/10kw)
- Impeller Nominal diameter(mm)
- Outlet diameter(mm)
- Single Phase
(m is omitted for three-phase)
- Standard Centrifugal 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

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	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 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 iron
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.S	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	
65-160/110	11	15		36									34.5	33	31.5	30.8	28	25.5				80x65	
65-160/150	15	20		42		1	1					1	41	40	38.5	37.8	35	33	29.S			80x65	
65-200/150	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	
65-315/S50	55	75		122									119.2	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-31S/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

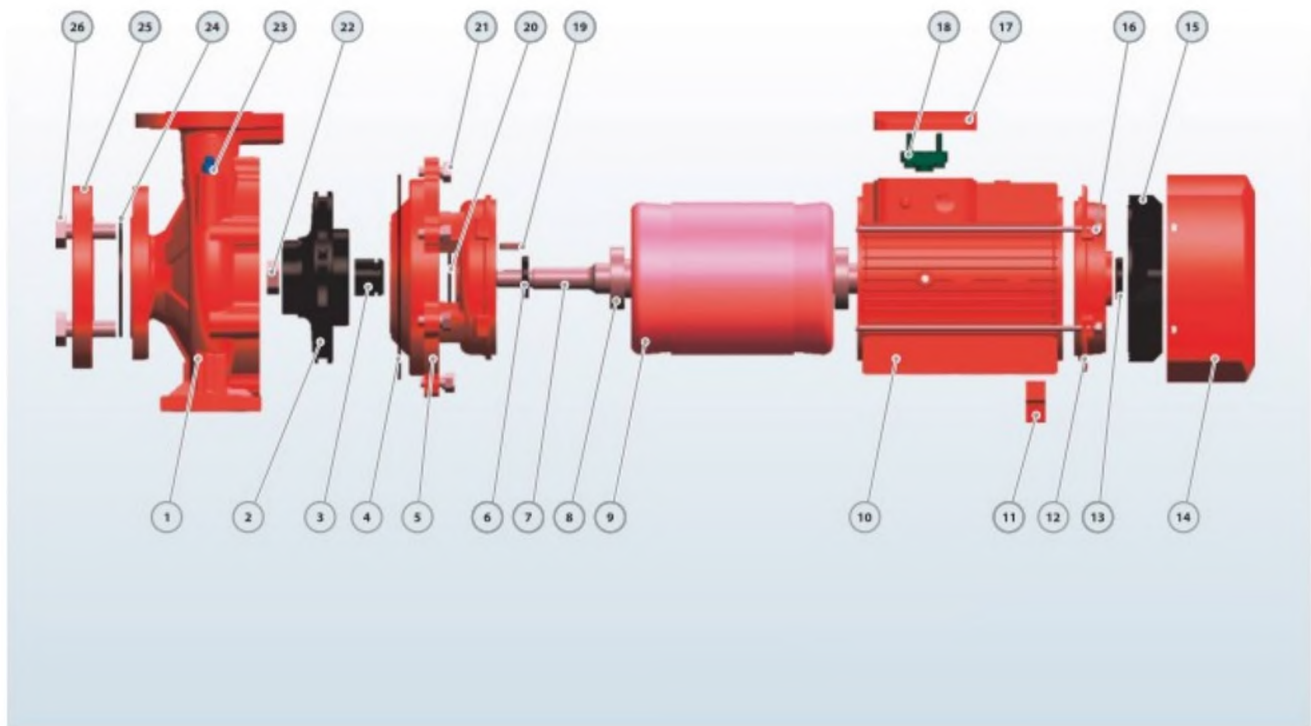
TECHNICAL DATA

 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	10	Motor Case	MminiMn	19	Impeller Key	Iron
2	Impeller	SS304JCast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechancai Seal	SICX^rtxMVSS304	12	Bade Cover	Cast von	21	Connection Bolt	Steel
4	O-mg	Rubber	13	Reinforced Seal	Rubber	22	Impefter Nut	Gakanized Sleei
5	Connection	Cesi iron	14	Fan Cover	Aluminon	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Piastre	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through BoM	SieeJ	25	Counter Flange	Gaivaruatod Cast ron
8	Bearing	BaN Bearing	17	Terminal Box	Aluminum	26	Flange Bdt	Sled
9	Wound Stator/Rotor	Siioon SteeliCopper	18	Terminal Board	Ptaslic			



Centrifugal pumps PZ

PZ

TECHNICAL DESCRIPTION

- New stainless steel standard pump
 - Original design by PURITY
 - Both square motor & round motor available
 - YE3 high efficient motor, with protection IP55 class F
 - Pump case in stainless steel AISI 304
- Impeller in stainless steel AISI 304
- Shaft in stainless steel AISI 304
 - Quality NSK bearing, wear resistance mechanical seal



PZ

Stainless steel standard pump

Bomba normalizada en acero inoxidable

NEW/NUEVO

TECHNICAL DESCRIPTION

- New stainless steel standard pump
- Original design by PURITY
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case in stainless steel AISI 304
- Impeller in stainless steel AISI 304
- Shaft in stainless steel AISI 304
- Quality NSK bearing, wear resistance mechanical seal

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

- Used for: water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural applications.
- Suitable for use with clean, aggressive liquids that are chemically compatible with the materials from which the pump is made.
- The pumps must be installed in enclosed places, or at least protected against inclement weather.

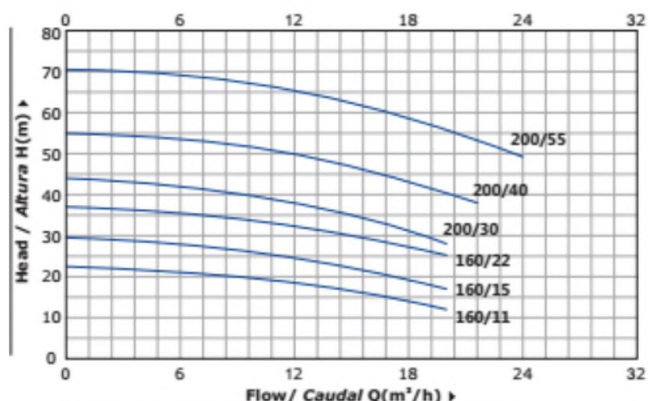
TECHNICAL DATA/DATOS TECNICOS

50HZ n=2900 l/min

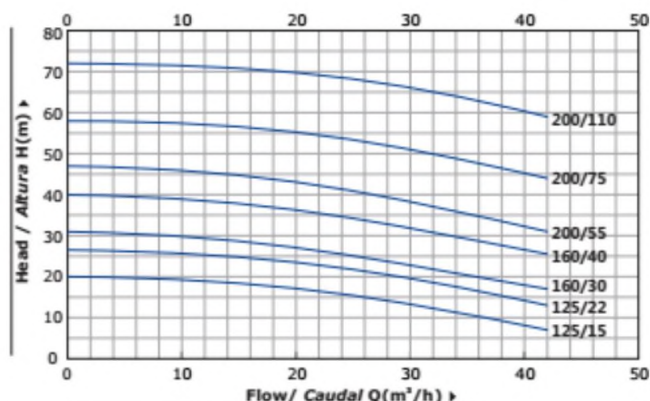
MODEL N/DELO	Power Potencia		L/min	Q=DELIVERY / CAUDAL																			DN
	kw	hp		m³/h	0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	
			mm																				
32-160/11	1.1	1.5		22.5	19.9	18.4	14.1	12															50x32
32-160/15	1.5	2		29.5	26.5	24.5	19.2	17															50x32
32-160/22	2.2	3		37	34	32	27	25															50x32
32-200/30	3	4		44	40	37.5	31	28															50x32
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37														50x32
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51														50x32
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7												65x40
40-125/22	2.2	3		26.5		25.5	24	23.5	22	16.4	13												65x40
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17												65x40
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5												65x40
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31												65x40
40-200/75	7.5	10		58		57	55.5	55	53.5	47.5	44												65x40
40-200/110	11	15		72		71	70	70	68.5	63	59												65x40
50-125/22	2.2	3		19					17.5	14.9	13.4	10.7											65x50
50-125/30	3	4		22					20.5	18.4	17	14.4	8										65x50
50-125/40	4	5.5		26.5					26	24	22.5	20.5	14										65x50
50-160/55	5.5	7.5		33					31	28.5	27	24.5	18										65x50
50-160/75	7.5	10		40					38.5	36	35	32.5	26										65x50
50-200/92	9.2	12.5	H(m)	53						49	47.5	44.5	34										65x50
50-200/110	11	15		59							55	54	51	42									65x50
50-200/150	15	20		72							69	68	65	57									65x50
65-125/40	4	5.5		22.2						19.8	19	17.3	13.5	6.3									80x65
65-125/55	5.5	7.5		27							24	22.2	18.5	10.8	8								80x65
65-125/75	7.5	10		32							29.5	27.8	24	16.1	13.4	12							80x65
65-160/92	9.2	12.5		36.5							34.5	32.8	29	21.1	18.3	16.8							80x65
65-160/110	11	15		40.5							38.5	37.1	33.5	25.8	23	21.5	20						80x65
65-160/150	15	20		48							45.5	44	40.5	32.6	29.6	28	26.5						80x65
65-200/150	15	20		53.5							51	49	44.5	35.3	31.8	30							80x65
65-200/185	18.5	25		60.5							58.5	56.5	52	43	39.7	38	36.3						80x65
65-200/220	22	30		67							65.5	64	60	51	48	46.5	45						80x65
80-160/110	11	15		29									27.5	24.2	23	22.4	21.8	20.4	12.5				100x80
80-160/150	15	20		35									34.5	31.5	30.5	30	29.4	28.1	21	19.1	17		100x80
80-160/185	18.5	25		40									39.5	36.7	35.7	35.2	34.7	33.5	26.4	24.4	22.3	20	100x80
80-200/220	22	30		50									48.5	44.5	43	42	41	39	27.8	25			100x80
80-200/300	30	40		60									59	56	54.5	54	53	51	41.5	39	36.1	33	100x80

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min

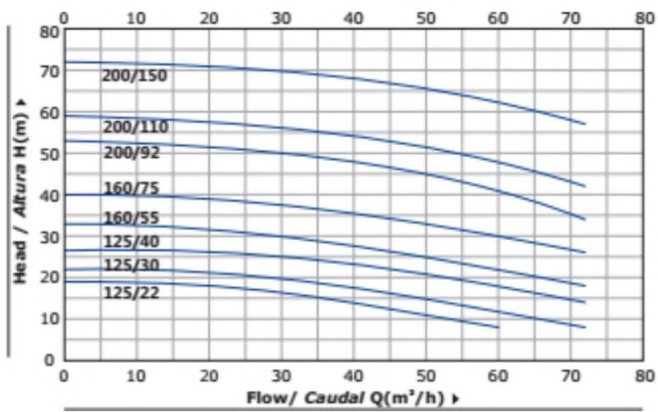


PZ 32

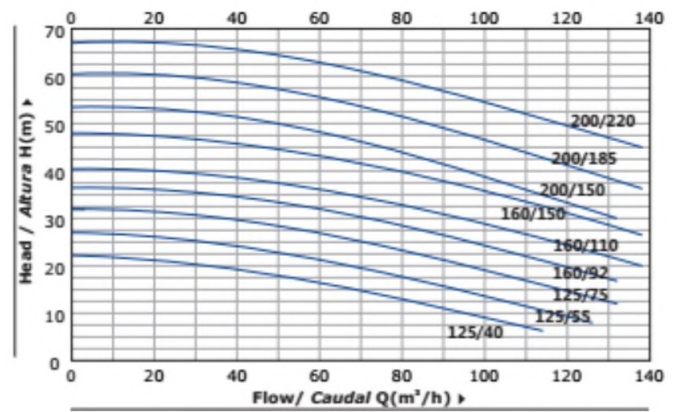


PZ 40

50 Hz n=29001/min

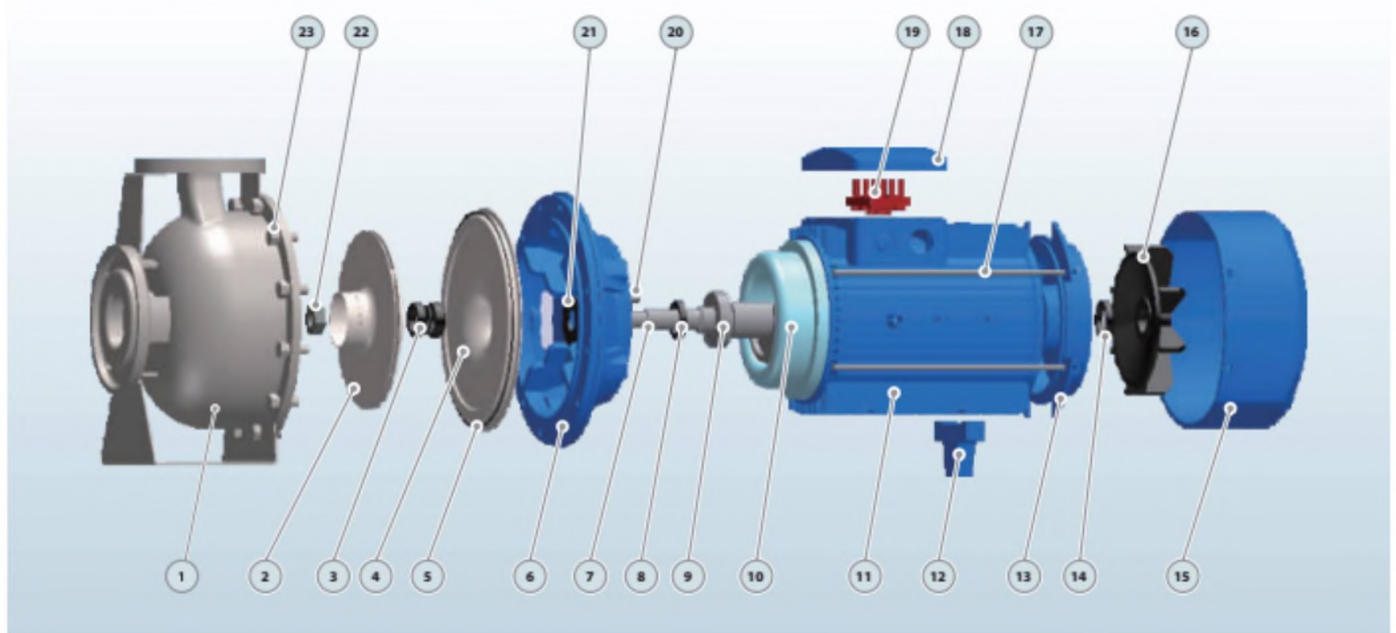


PZ 50



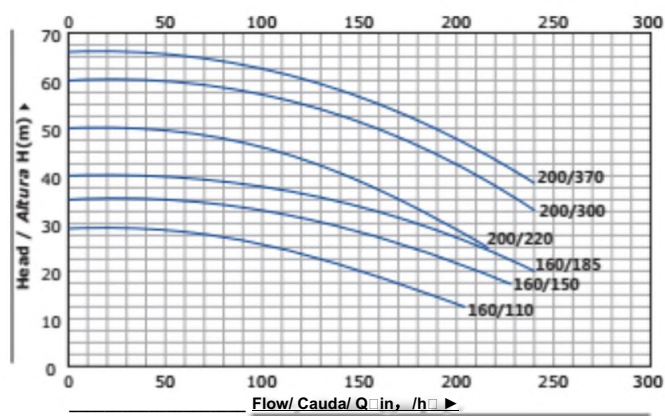
PZ 65

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



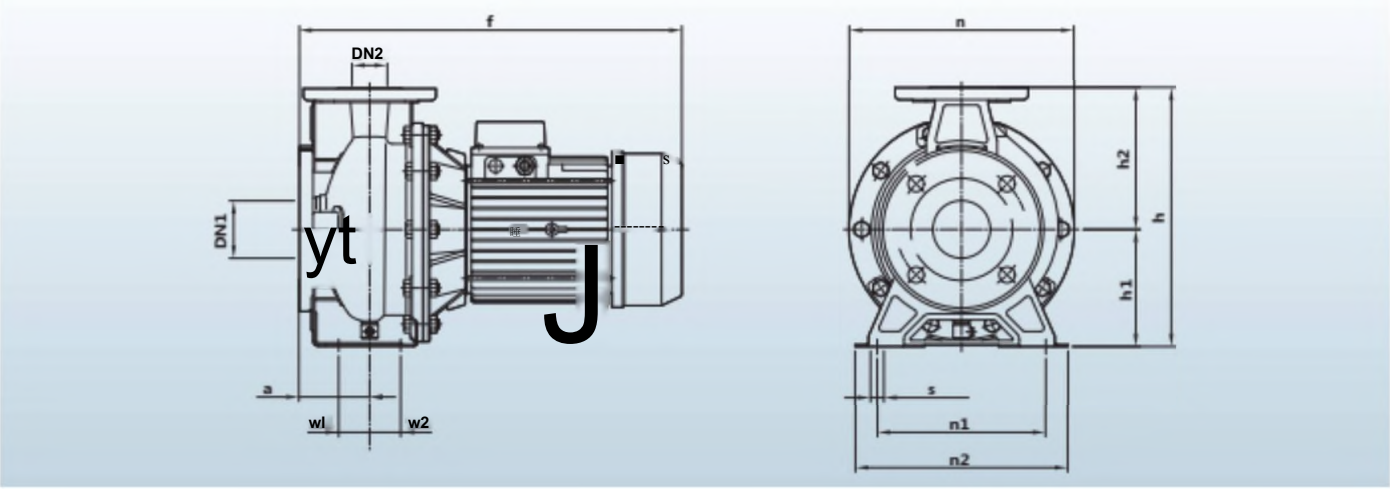
No.	Description Descripción	Material Material	No*	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	SS304 In ox 304	9	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Through Bolt Perno	Steel Acero
2	Impeller Impulsor	SS304 Inox 304	10	Wound Stator/Rotor Estator/Rotor	Silicon Steel/Copper Acero al SHicio/Cobre	18	Terminal Box Caja de Bomes	Aluminum Aluminio
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	11	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Terminal Board Tablero de Bomes	Plastic Plástico
4	Baffle Plate Place de baffle	SS304 Inox 304	12	Support Foot Soporte Pie	Plastic Plástico	20	Impeller Key Chaveta Impulsor	Iron Hierro
5	O-ring Junta Tóries	Rubber Caucho	13	Back Cover Tapa Trasera	Cast iron Fundición	21	Water Deflector Deflector	Rubber Caucho
6	Connection Conexión	Cast iron Fundición	14	Reinforced Seal Seilo Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de tmpulsor	Gatvanized Steel Acero Galvanizado
7	Shaft Eje	SS304 In ox 304	15	Fan Cover Tapa VentUador	Aluminum Aluminio	23	Connection Bolt Perno	Steel Acero
8	Reinforced Seal Setto Reforzado	Rubber Caucho	16	Fan Venttiador	Plastic Piástico			

SO Hz n=29001/min



PZ 80

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS





PZ

Stainless steel standard pump
Bomba normalizada en acero inoxidable



NEW/NUEVO

TECHNICAL DESCRIPTION

- New stainless steel standard pump
- Original design by PURITY
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case in stainless steel AISI 304
- Impeller in stainless steel AISI 304
- Shaft in stainless steel AISI 304
- Quality NSK bearing, wear resistance mechanical seal

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

- Used for: water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural applications.
- Suitable for use with clean, aggressive liquids that are chemically compatible with the materials from which the pump is made.
- The pumps must be installed in enclosed places, or at least protected against inclement weather.

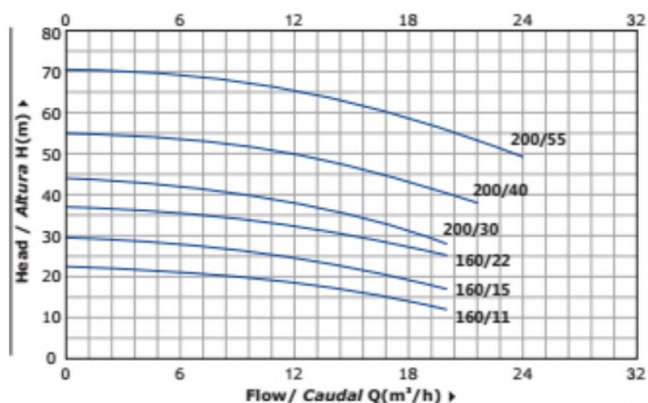
TECHNICAL DATA/DATOS TECNICOS

50HZ n=2900 l/min

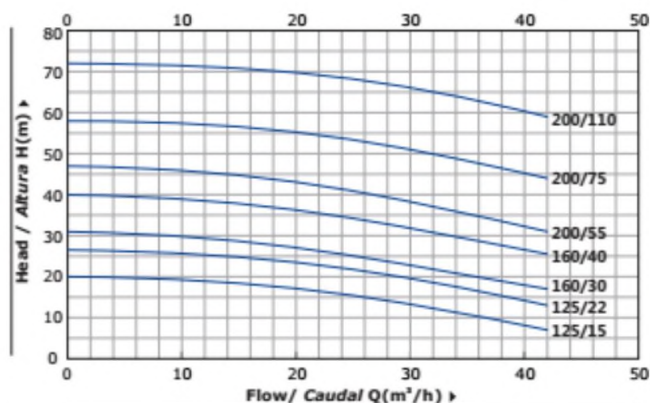
MODEL N/DELO	Power Potencia		L/min	Q=DELIVERY / CAUDAL																			DN
	kw	hp		m³/h	0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	
			mm		0	9	12	18	20	24	36	42	54	72	114	126	132	138	150	204	216	228	240
32-160/11	1.1	1.5		22.5	19.9	18.4	14.1	12															50x32
32-160/15	1.5	2		29.5	26.5	24.5	19.2	17															50x32
32-160/22	2.2	3		37	34	32	27	25															50x32
32-200/30	3	4		44	40	37.5	31	28															50x32
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37														50x32
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51														50x32
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7												65x40
40-125/22	2.2	3		26.5		25.5	24	23.5	22	16.4	13												65x40
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17												65x40
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5												65x40
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31												65x40
40-200/75	7.5	10		58		57	55.5	55	53.5	47.5	44												65x40
40-200/110	11	15		72		71	70	70	68.5	63	59												65x40
50-125/22	2.2	3		19					17.5	14.9	13.4	10.7											65x50
50-125/30	3	4		22					20.5	18.4	17	14.4	8										65x50
50-125/40	4	5.5		26.5					26	24	22.5	20.5	14										65x50
50-160/55	5.5	7.5		33					31	28.5	27	24.5	18										65x50
50-160/75	7.5	10		40					38.5	36	35	32.5	26										65x50
50-200/92	9.2	12.5	H(m)	53						49	47.5	44.5	34										65x50
50-200/110	11	15		59							55	54	51	42									65x50
50-200/150	15	20		72							69	68	65	57									65x50
65-125/40	4	5.5		22.2						19.8	19	17.3	13.5	6.3									80x65
65-125/55	5.5	7.5		27							24	22.2	18.5	10.8	8								80x65
65-125/75	7.5	10		32							29.5	27.8	24	16.1	13.4	12							80x65
65-160/92	9.2	12.5		36.5							34.5	32.8	29	21.1	18.3	16.8							80x65
65-160/110	11	15		40.5							38.5	37.1	33.5	25.8	23	21.5	20						80x65
65-160/150	15	20		48							45.5	44	40.5	32.6	29.6	28	26.5						80x65
65-200/150	15	20		53.5							51	49	44.5	35.3	31.8	30							80x65
65-200/185	18.5	25		60.5							58.5	56.5	52	43	39.7	38	36.3						80x65
65-200/220	22	30		67							65.5	64	60	51	48	46.5	45						80x65
80-160/110	11	15		29									27.5	24.2	23	22.4	21.8	20.4	12.5				100x80
80-160/150	15	20		35									34.5	31.5	30.5	30	29.4	28.1	21	19.1	17		100x80
80-160/185	18.5	25		40									39.5	36.7	35.7	35.2	34.7	33.5	26.4	24.4	22.3	20	100x80
80-200/220	22	30		50									48.5	44.5	43	42	41	39	27.8	25			100x80
80-200/300	30	40		60									59	56	54.5	54	53	51	41.5	39	36.1	33	100x80

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min

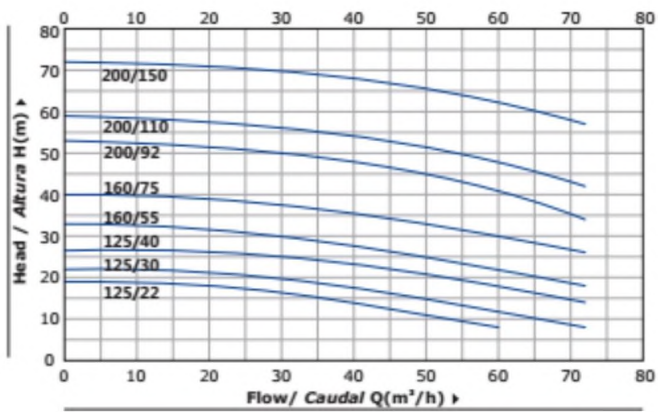


PZ 32

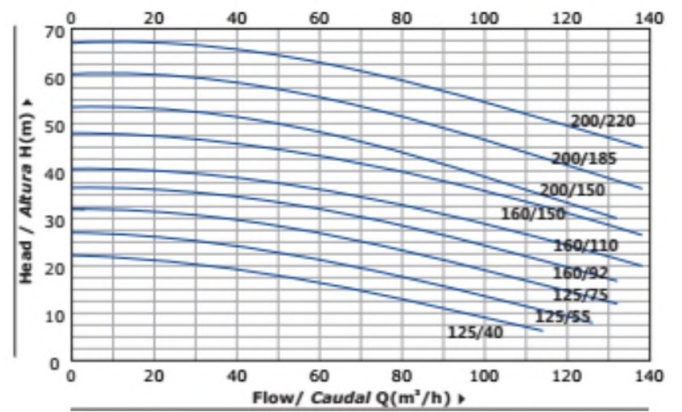


PZ 40

50 Hz n=29001/min

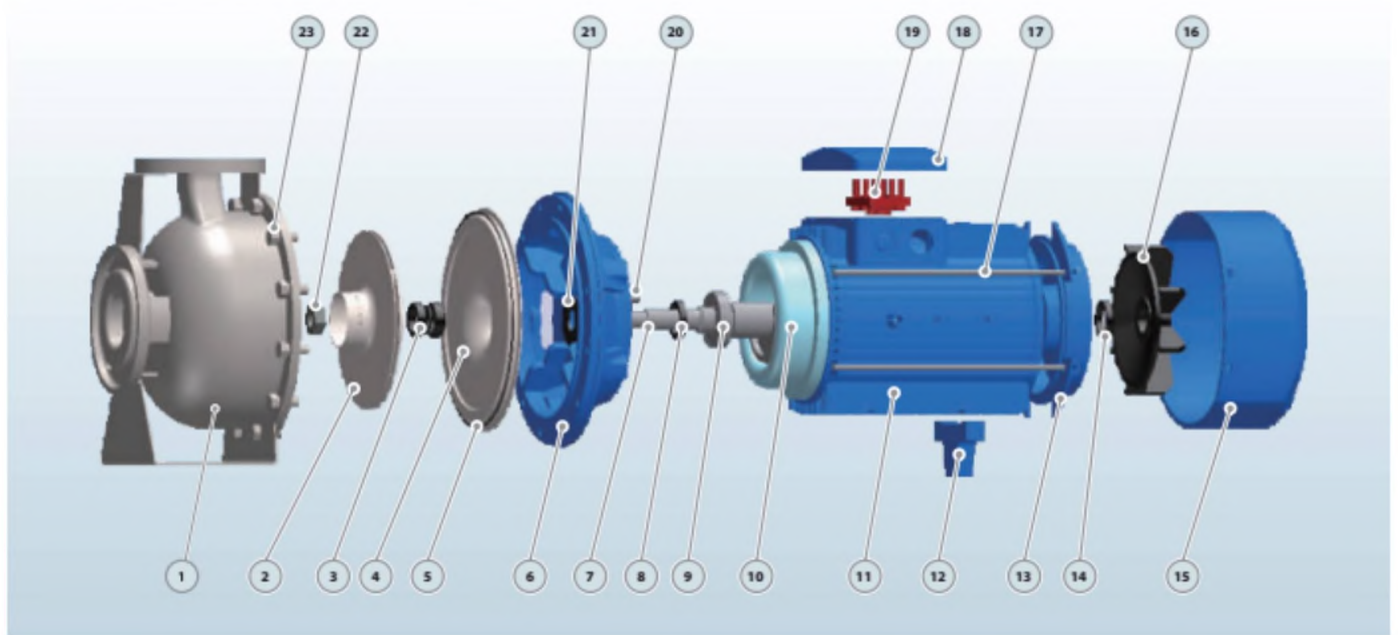


PZ 50



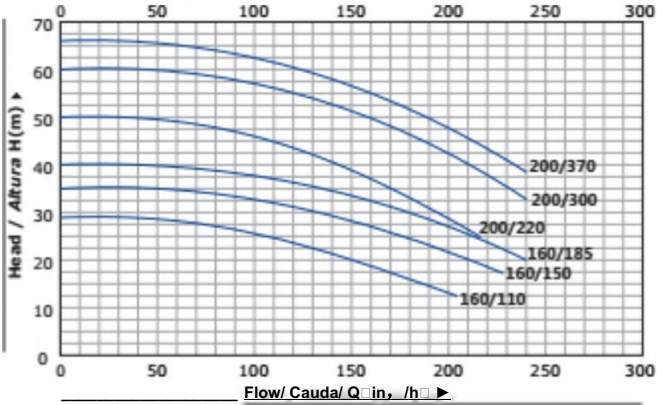
PZ 65

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



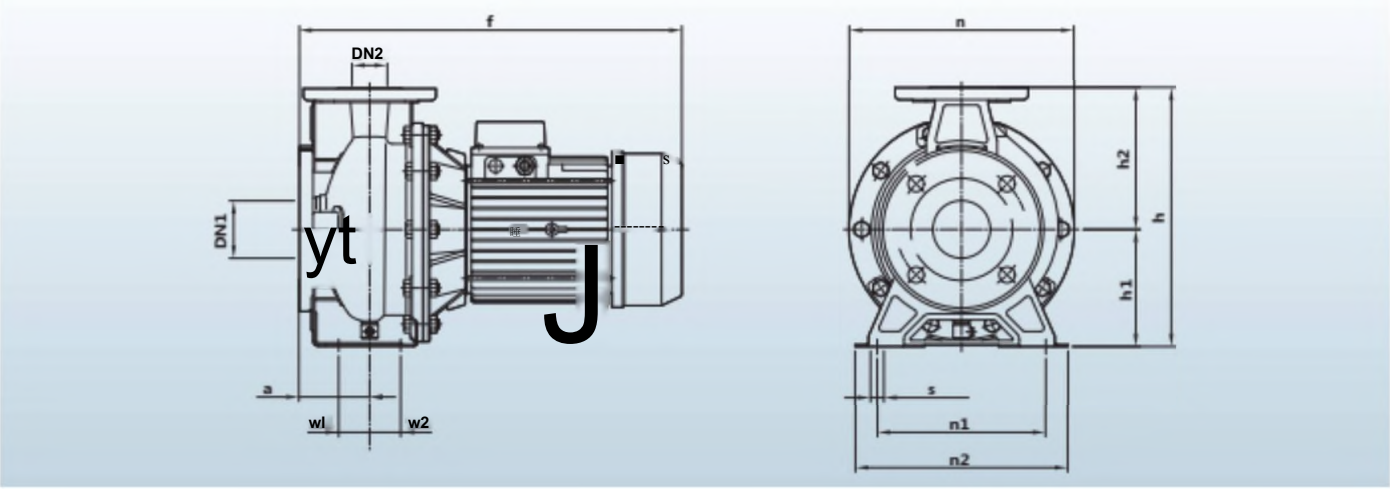
No.	Description Descripción	Material Material	No*	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	SS304 In ox 304	9	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Through Bolt Perno	Steel Acero
2	Impeller Impulsor	SS304 Inox 304	10	Wound Stator/Rotor Estator/Rotor	Silicon Steel/Copper Acero al SHicio/Cobre	18	Terminal Box Caja de Bomes	Aluminum Aluminio
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	11	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Terminal Board Tablero de Bomes	Plastic Plástico
4	Baffle Plate Place de baffle	SS304 Inox 304	12	Support Foot Soporte Pie	Plastic Plástico	20	Impeller Key Chaveta Impulsor	Iron Hierro
5	O-ring Junta Tóries	Rubber Caucho	13	Back Cover Tapa Trasera	Cast iron Fundición	21	Water Deflector Deflector	Rubber Caucho
6	Connection Conexión	Cast iron Fundición	14	Reinforced Seal Seilo Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de tmpulsor	Gatvanized Steel Acero Galvanizado
7	Shaft Eje	SS304 In ox 304	15	Fan Cover Tapa VentUador	Aluminum Aluminio	23	Connection Bolt Perno	Steel Acero
8	Reinforced Seal Setto Reforzado	Rubber Caucho	16	Fan Venttiador	Plastic Piástico			

SO Hz n=29001/min



PZ 80

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS





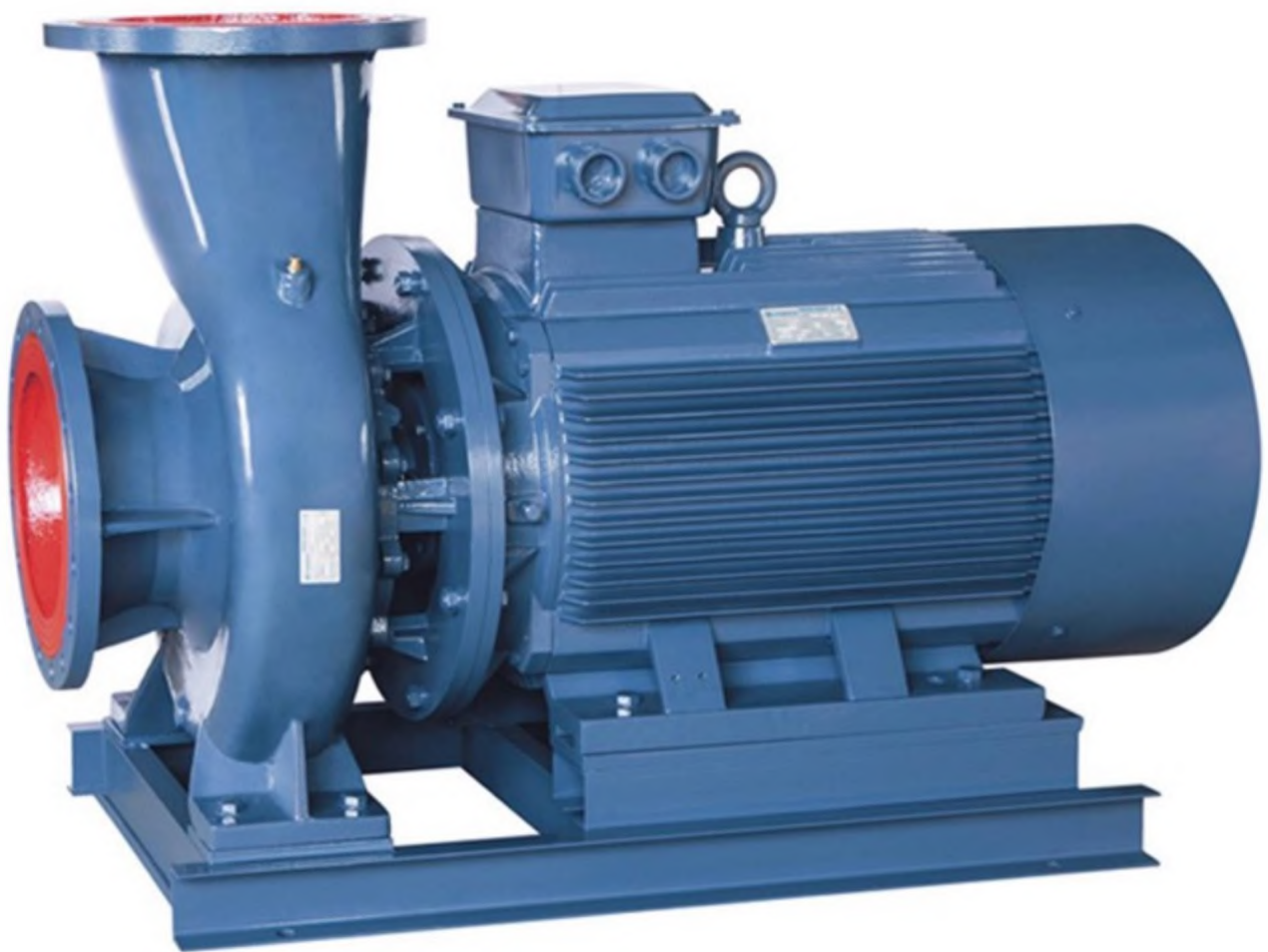
Centrifugal pumps PGW

[PGW]High Quality Centrifugal Pipeline Pump Inline Centrifugal Pump Price

TECHNICAL DESCRIPTION

- New centrifugal pump
 - Original design by PURITY (patented)
- YE3 high efficient motor, with protection IP55 class F
 - Pump case with anti-corrosive coating
- Impeller in stainless steel A181 304 or cast iron
 - Shaft in stainless steel AISI 304 or galvanized iron
- Quality bearing, wear resistance mechanical seal

Product Description



TECHNICAL DESCRIPTION

New centrifugal pump
Original design by PURITY (patented)
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 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 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

No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Bearing	Ball Bearing	4	Impeller	SS304/Cast iron	7	Mechanical Seal	SiC/Carbon /SS304
2	Water Deflector	Rubber	5	Impeller Nut	Galvanized Steel	8	Connection	Cast iron
3	Pump Case	Cast iron	6	Shaft	SS304/45# Steel	9	Motor	IP55 Class F

Product Description



TECHNICAL DESCRIPTION

New centrifugal pump
Original design by PURITY (patented)
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 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 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

TECHNICAL DATA / DATOS TÉCNICOS

n=3500 1/min

MODEL MODELO	Power Potencia		Bow Caudal	Head Altura	ON	Wt	Dim
	kw	hp					
			m ³ /h	m	(WV)	kg	cm
2S-125	0.75	1	4	20	25x25	28	26x23x43
25-12SA	0.75	1	3.6	16	25x25	27	26x23x43
25160	1.5	2	4	32	25x25	39	30x27x43
25-160A	1.1	1.5	3.7	28	25x25	34	30x27x43
32-125	0.75	1	5	20	32x32	28	26x23x44
32125A	0.75	1	4.5	16	32x32	28	26x23x44
32-160	1.5	2	4.5	32	32x32	39	32x27x50
32-160A	1.1	1.5	4	28	32x32	38	32x27x41
32-200	3	4	4.5	50	32x32	55	34x33x54
32-200A	2.2	3	4	44	32x32	74	34x33x54
40-100	0.75	1	6.3	125	40x40	32	26x23x44
40-125	1.1	1.5	6.3	20	40x40	34	26x23x44
40-125A	0.75	1	5.6	16	40x40	33	28x23x44
40-160	2.2	3	6.3	32	40x40	47	32x27x50
40160A	1.5	2	5.9	28	40x40	43	32x27x50
40-160B	1.1	1.5	5.5	24	40x40	38	32x27x50
40-200	4	5.5	6.3	50	40x40	74	34x33x56
40-200A	3	4	5.9	44	40x40	62	34x33x56
40-200B	2.2	3	3.7	38	40x40	52	34x33x56
40-2S0	7.5	10	6.3	80	40x40	105	40x40x63
40-2S0A	5.5	7.5	5.9	70	40x40	98	40x40x63
40-250B	4	5.5	5.5	60	40x40	77	40x40x56
40100(1)	1.1	1.5	12.5	125	40x40	34	30x23x45

60Hz

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp					
			m ³ /h	m	mm	kg	cm
501600)	4	5.5	25	32	50x50	72	36x30x57
50-16 (XI)A	4	5.5	23.4	28	SOxSO	71	36x30x57
SO*1600)B	3	4	21.6	24	50x50	59	36x30x55
50200(1)	7.5	10	2S	50	SOxSO	108	38x35x64
50-200(I)A	7.5	10	23.5	44	50x50	107	38x35x64
SO-20 (XI)B	5.5	7.5	213	38	50x50	100	38x35x64
50-2500)	15	2	25	80	SOxSO	17S	46x44x79
50-2 SOQ) A	11	15	23.4	70	50x50	165	46x44x79
SO-25 (XI)B	11	15	21.6	60	50x50	165	46x44x79
SO-31S(I)	30	40	2S	12S	SOx50	310	55x51x92
SO-315a) A	22	30	23.7	113	50x50	245	55x47x86
SO.31S(I)B	18.5	25	22.5	101	50x50	215	55x44x83
6S100	1.5	2	25	12.5	65x65	46	32x23x47
6S-100A	1.1	1.5	223	10	65x65	41	32x23x46
6S-125	3	4	25	20	65x65	58	34x28x55
6S-12SA	22	3	223	16	65x65	49	34x28x52
6S160	4	5.5	25	32	65x65	75	36x31x57
6S-160A	4	5.5	23.4	28	6Sx6S	75	36x31x57
6S-160B	3	4	21.6	24	65x65	63	36x31x55
6S-200	7S	10	25	50	65x65	107	38x35x63
6S-200A	7.5	10	23.5	44	65x65	107	38x35x63
6S-200B	5.5	7.5	213	38	65x65	100	38x35x63
6S250	15	20	25	80	6Sx6S	180	48x44x79

40-100(I)A	0.7S	1	11	10	40x40	32	30x23x45
40-125(1)	1.5	2	12.5	20	40x40	38	30x24x46
40-125(I)A	1.1	IS	11	16	40x40	33	30x24x45
40-160(1)	3	4	12.5	32	40x40	56	34x30x55
40<160(DA	2.2	3	11.7	28	40x40	47	34x30x51
40-200(1)	5.5	7.5	12.5	50	40x40	85	36x35x63
40-200(I)A	4	55	11.7	44	40x40	75	36x35x57
40*200(I)B	3	4	10.6	36	40x40	63	36x35x55
40-250(1)	11	15	12.5	80	40x40	145	45x43x78
40-250(I)A	7.5	10	11.6	70	40x40	95	45x36x65
40-250(I)B	7.5	10	10.8	60	40x40	94	45x36x65
50-100	1.1	1.5	12.5	125	50x50	36	29x23x45
50-100A	0.75	1	11	10	50x50	35	29x23x45
50-125	1.5	2	12.5	20	50x50	43	30x24x46
50-125A	1.1	15	11	16	50x50	38	30x24x45
50-160	3	4	12.5	32	50x50	59	32x30x55
50-160A	2.2	3	11.7	28	50x50	51	32x30x51
50-160B	1.5	2	10.4	22	50x50	47	32x40x49
50-200	5.5	7.5	12.5	50	50x50	101	36x35x63
50-200A	4	55	11.7	44	50x50	80	36x35x57
50-200B	3	4	10.6	36	50x50	68	36x35x55
50-250	11	15	12.5	80	50x50	160	44x43x78
50<250A	7.5	10	11.6	70	50x50	115	44x43x65
50-250B	7.5	10	10.8	60	50x50	114	44x36x65
50-250C	1.5	2	25	US	50x50	41	32x23x48
50-250(I)A	1.1	15	22.3	10	50x50	36	32x23x46
50-125(1)	3	4	25	20	50x50	56	34x28x55
50-125(1)A~	2.2	3	22.3	16	50x50	48	34x28x52

65-250A	11	15	23.4	70	65x65	170	48x44x79
65-250B	11	15	21.6	60	65x65	170	48x44x79
65-315	30	40	25	125	65x65	320	55x51x92
65-315A	22	30	23.7	113	65x65	255	55x47x86
65-315B	18.5	25	22.5	101	65x65	225	55x44x83
65-10 (XI)	3	4	50	125	65x65	63	40x28x57
65-400(I)A	22	1	44.7	10	65x65	53	40x24x54
65-125(1)	55	7.5	50	20	65x65	99	40x36x66
65-125(I)A	4	5.5	45	16	65x65	78	40x32x60
65-160G)	75	10	50	32	65x65	103	40x36x66
65>160a) A	75	10	46.7	28	65x65	103	40x36x66
65>160a) B	5.5	7.5	43.4	24	65x65	97	40x32x66
65-200Q)	15	20	50	50	65x65	176	45x43x80
65-20 (XI)A	11	15	47	44	65x65	166	45x43x80
65-200G)B	7.5	10	433	38	65x65	114	45x43x67
65-200G)	22	30	50	80	65x65	235	48x47x87
65<25 (XI)A	18.5	25	46.7	70	65x65	205	48x43x85
65*250a) B	IS	20	433	60	65x65	180	48x43x81
65-315(1)	37	50	50	125	65x65	350	58x53x100
65-315(I)A	30	40	46.5	110	65x65	335	58x53x100
80-100	3	4	50	125	80x80	63	40x28x57
80-100A	22	3	44.7	10	80x80	54	40x24x54
80-125	5.5	7.5	50	20	80x80	99	40x36x66
80-125A	4	5.5	45	16	80x80	79	40x32x60
80-160	7.5	10	50	32	80x80	105	40x36x66
80-160A	75	10	46.7	28	80x80	105	40x36x66
80-160B	5.5	7.5	43.4	24	80x80	98	40x36x66
80-200	15	20	50	50	80x80	175	43x43x80

TECHNICAL DATA / DATOS TÉCNICOS 60Hz

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	
	kw	hp				kg	cm
80-200A	11	IS	47	44	80x80	165	43x43x80
80-200B	7.5	J	10	43.3	80x80	115	43x36x66
80-250	22	30	SO	80	80x80	240	48x47x87
80-250A	18.5	25	46.7	70	80x80	210	48x43x85
80-250B	15	20	43.3	60	80x80	185	48x43x81
80-315	37	J	50	50	80x80	355	58x53x100
80-315A	30	40	46.5	110	80x80	340	58x53x100
80-315B	30	40	44.5	100	80x80	340	58x53x100
80-315C	22	30	41	85	80x80	275	58x47x89
80-350	55	75	50	150	80x80	535	64x64x117
80-350A	45	60	44.5	142	80x80	420	64x58x108
80-350B	37	J	50	41	80x80	366	64x52x104
80*100(1)	5.5	7.5	100	12.5	80x80	108	46x36x68
80-100(I) A	4	5.5	89	10	80x80	87	46x36x62
80-125(1)	11	15	100	20	80x80	163	45x43x81
80-125(I)A	7.5	10	89	16	80x80	113	45x35x67
80-160(1)	15	20	100	32	80x80	184	50x43x84
80-160(I)A	11	15	93.5	28	80x80	174	50x43x84
80*160(I)B	11	IS	86.6	24	80x80	174	50x43x84
80-200(1)	22	30	100	50	80x80	251	48x48x88
80-200(I)A	18.5	25	93.5	44	80x80	220	48x43x86
80-200(1)B	15	J	20	87	80x80	198	43x43x81
80-250(1)	37	50	100	80	80x80	330	55x52x102

n=3500 1/min

MODEL MODELO	Power Potencia		Flow Caudal	Head Altura	DN	Wt	
	kw	hp				kg	cm
100-160(1)	22	30	160	32	100x100	210	50x33x89
100-160(DA	18.5	25	140	28	100x100	210	50x33x89
100-200(1)	37	50	160	50	100x100	402	54x36x97
100-200(I)A	30	40	140	45	100x100	3%	54x35x97
100-200(I)B	22	30	100	40	100x100	360	54x35x97
100-250(1)	55	75	160	80	100x100	560	60x44x112
100-250(I)A	45	60	140	72	100x100	420	60x36x112
100-250(I)B	37	J	50	65	100x100	400	60x36x112
125-100	11	15	160	125	125x125	180	52x43x83
125-100A	7.5	10	143	10	125x125	125	52x36x83
125-125	15	20	160	20	125x125	220	52x43x84
125-125A	11	15	143	16	125x125	210	52x43x84
125-160	22	30	160	32	125x125	265	52x46x92
125-160A	18.5	25	150	28	125x125	230	52x43x89
125-160B	15	20	138	24	125x125	215	52x43x85
125-200	37	J	50	160	125x125	395	57x51x104
125-200A	30	40	150	44	125x125	380	57x51x104
125-200B	22	30	138	37.5	125x125	320	57x46x104
125-250	55	75	160	80	125x125	580	68x66x118
125-250A	45	J	60	150	125x125	490	68x57x108
125-250B	37	50	138	60	125x125	430	68x51x105
125-315	90	J	120	125	125x125	790	68x69x135
125-315A	75	100	150	110	125x125	710	68x69x130

80-2S0(I)A	30	40	93.5	70	80x80	31S	S5x52xIO2
80-2S0(I)B	30	40	87	60	80x80	31S	55x52x102
80-315(1)	75	100	100	125	80x80	67S	64x70x124
80-315(I)A	55	75	9S	113	80x80	53S	64x64x117
80-315(I)B	45	60	90	101	80x80	420	64x58x108
80-31S(I)C	37	50	82	85	80x80	366	64x52x104
100-100	5^5	7.5	100	125	100x100	113	46x36x67
100-100A	4	5.5	89	10	100x100	91	46x32x62
100-125	11	IS	100	20	100x100	169	44x43x81
100-125A	7.5	10	89	16	100x100	118	45x35x67
100160	15	20	100	32 j	100x100	191	50x43x84
100-160A	11	15	93.5	28	100x100	181	S0x43x84
100-1606	n	15	86.6	24	100x100	181	50x43x84
100-200	22	30	100	50	100x100	245	48x48x88
100-200A	18.5	2S	93.5	44	100x100	215	48x43x86
100-2006	15	20	87	38	100x100	193	48x43x82
1002S0	37	50	100	80	100x100	345	S5x52xIO2
100-250A	30	40	93.5	70	100x100	330	S5xS2xIO2
100250B	30	40	87	60	100x100	330	55x52x102
100315	75	100	100	125	100x100	689	64x70x124
100-315A	55	75	95	113	100x100	549	64x64x117
100-315B	45	60	90	101	100x100	439	64x58x108
100-3S0	90	120	100	150	100x100	950	68x63x131
100-350A	75	100	88	142	100x100	830	68x63x126
100-3SOB	S5	75	80	135	100x100	600	68x61x119
100-100(1)	11	15	160	12.5	100x100	115	50x42x80
100-125(1)	15	20	160	20	100x100	168	S0x30x81
10012S<I)A	11	15	140	17	100x100	168	50x28x81

125-3158	75	100	143	100	12SxI25	70S	68x69x135
125315C	55	75	134	88	125x125	58S	68x66x123
12S-3S0	no	ISO	160	ISO	125x125	980	76x90x1 S6
125350A	90	120	150	142	12SxI25	800	76x70x133
125350B	75	100	143	135	125x125	724	76x70x121
150125	11	15	160	20	150x150	210	52x43x84
150-125A	7.r	10	150	16	150x150	130	52x43x84
150-160	22	30	160	32	150x150	270	52x43x85
150160A	18.5	2S	150	28	150x150	230	52x43x8S
150-160B	15	20	140	24	150x150	220	52x43x85
150-200	37	50	160	50^	150x150	39S	57x51x104
150-200A	30	40	150	44	150xIS0	380	57x51x104
1S0-20OB	22	30	138	37S	150x150	320	57x46x104
1S0-2S0	75	100	160	80	150x150	702	70x70x128
1S0.250A	55	75	150	70	150x150	561	70x64x120
150-250B	45	60	138	60	150x150	460	70x59x112
150-315	110	150	200	125	150x150	980	76x90x1 S6
150-31&A	90	120	187	110	150x150	800	76x70x133
150-315B	75	100	17F	95	150x150	724	76x70x121
150-350	110	150	160	150	150x150	980	76x90x156
150350A	90	120	150	142	150x150	800	76^70x133
150-3S0B	75	100	140	135	150x150	724	76x70x121
150250(1)	75	100	200	80	ISOxISO	702	70x70x128
150-250(DA	55	7S	187	70	150x150	S61	70x64x120
150-2S0(I)B	45	60	173	60	ISOxISO	460	70x59x112
1SO31S(I)	110	150	200	125	150x150	980	76x90xIS6
1SO-315(1)A	90	120	187	110	150x150	800	76x70x133
150-31S(I)B	75	100	173	95	150x150	724	76x70x121

TECHNICAL DATA / DATOS TeCNICOS 60Hz

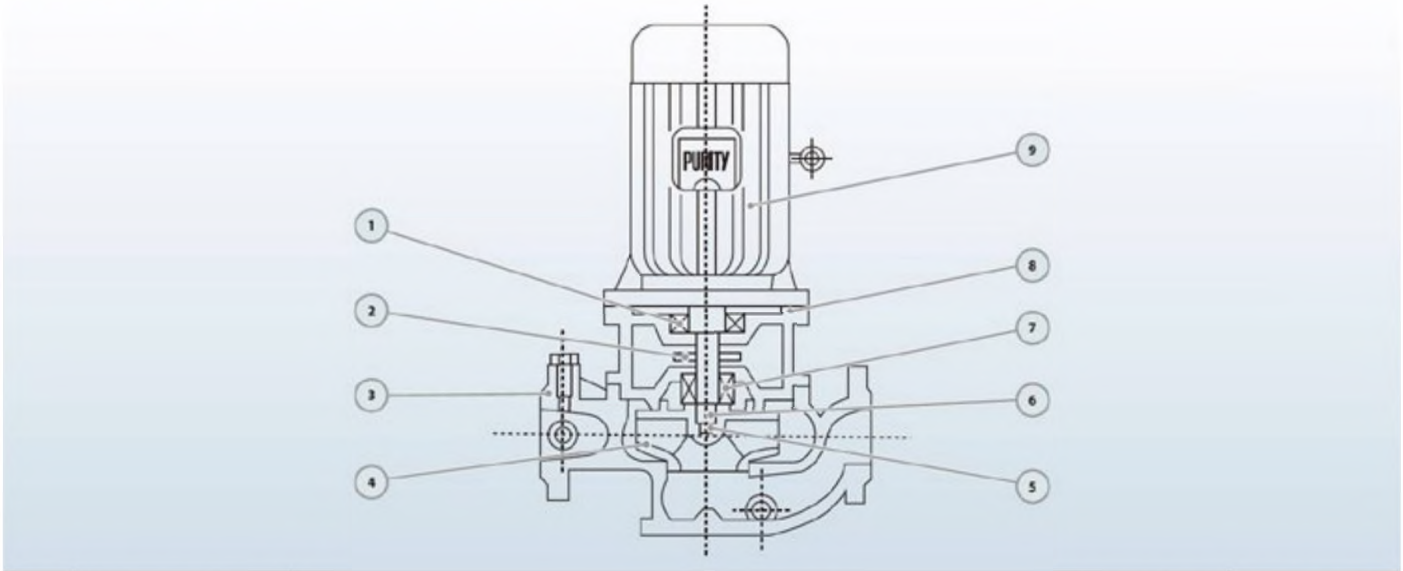
MODEL MODELO	Powtr Potencia		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp					
40<12S(I)/4	0.55	0.75	6.3	5	40x40	42	34x30x55
40-160(1)/4	0.55	0.75	63	8	40x40	43	34x30x55
40* 160(1) A/4	0.55	0.75	5.5	6	40x40	30	34x30xSS
40-200(1)/4	0.75	1	63	125	40x40	45	36x35x64
40-200(1) A/4	0.55	0.75	5.8	11	40x40	44	36x35x57
40-250(1)/4	1.5 J	2	6.3	20	40x40	54	4Sx43x78
40-250(1) A/4	1.1	15	5.8	17	40x40	49	45x36x65
50-160/4	0.75	1	\$3	8	50x50	42	32x30xSS
50-200/4	0.75	1	6.3	125	50x50	48	36x35x64
50-200A/4	0.75	1	5.5	9.5	50x50	46	36x35x57
50-250/4	1.5	2	6.3	20	50x50	58	44x43x78
50-250A/4	1.1 J	15	5.8	17	S0x50	50	44x36x65
50<12S(D/4	0.55	0.75	12.5	5	50x50	44	34x28x55
S0*160(I)/4	0.55	0.75	12.5	8	50x50	46	36x31x57
50-160(1) A/4	0.55	0.75	11	6	50x50	44	36x31x57
50-200(1)/4	1.1 j	IS	12.5	125	50x50	52	38x35x64
50-200(1) A/4	0.75	1	11.2	10	50x50	48	38x35x64
S0-2S0(I)/4	22	3 I	12.5	20	50x50	73	46x44x79
50-250(1) A/4	1.5	2	11.7	175	50x50	65	46x44x79
50-250(I)B/4	1.11	15	10	13	S0x50	60	46x44x79
S0-31S(I)/4	4	55	12.5	32	50x50	89	55x51x92
50<31S(DA/4	3 J	4	1L7	28	50x50	84	55x47x86
50-31S(1)8/4	3	4	10	21	S0x50	82	55x44x83

n=1750 1/min

MOOEL MODELO	Power Potenda		Flow Caudal	Head Altura	DN	Wt	Dim
	kw	hp					
80-250A/4	3	4	22.2	15.8	80x80	85	48x43x85
80-2S06/4	22	3	20	12.8	80x80	78	48x43x81
80-315/4	55	7.5	25	32	80x80	130	S8x53xIOO
80315A/4	4	5.5	23	27.9	80x80	102	58x53x100
80-31SB/4	4	5.S	223	25	80x80	9S	58x53x100
80 125(1)/4	15	2	50	5	80x80	61	4Sx43x81
80-160(1)/4	22	3	50	8	80x80	82	S0x43x84
80-160(1) A/4	15	2	44.7	6	80x80	74	50x43x84
80-160(1)8/4	15	2	43.2	5.8	80x80	74	50x43x84
80-200(1)/4	3	4	50	12.5	80x80	97	48x48x88
80-200(0 A/4	3	4	46.8	11	80x80	93	48x43x86
80-250(1)/4	55	7.5	50	20	80x80	134	55x52x102
80-250(DA/4	4	5.5	46	17	80x80	106	55x52x102
80 2S0(I)B/4	3 J	4	40.5	13	80x80	100	55x52x102
80-315(1)/4	11	15	50	32	80x80	217	64x70x124
80*31S(I)A/4	75	10	46	27.9	80x80	180	64x65x117
80-31S(I)B/4	55	7.5	40.5	2I	80x80	166	64x58x108
100-125/4	15	2	50	5	100x100	70	44x43x81
100-160/4	22	3	50	8	100x100	87	50x43x84
100-160A/4	15	2	46	6	100x100	79	50x43x84
100-200/4	3	4	50	12.5	100x100	100	48x48x88
100-200A/4	22	3	44.7	10	100x100	90	48x43x86
100-250/4	S5	7.5	50	20	100x100	140	55x52x102

6S12S/4	0.55	0.75	12.5	S	65x65	41	34x28x55	100-250A/4	4	S.5	46	17]	100x100	112	S5xS2x102
6S-160/4	0.75	1	125	醫	6Sx65	46	36x31x57	100-250B/4	3	4	40.5	13	100x100	105	S5x52x102
6S-160A/4	0.55	0.75	11	6	65x65	35	36x31x57	100-315/4	11	15	50	32	100x100	22S	64x70x124
6S*200/4	1.1	15	12.5	125	65x65	S2	38x3Sx64	100-315 A/4	75	10	46.7	27.9	100x100	180	64x64x117
6S-200A/4	0.75	1	1L2	10	65x65	48	38x35x64	100-315B/4	5.5	7.5	40.5	21	100x100	165	64x58x108
6S-2S0/4	22	3	12.5	20	65x65	76	48x44x79	100-12S(I)/4	22	3:	80	5	100x100	95	50x30x81
6S-250A/4	15	2	1L7	175	65x65	68	48x44x79	100-160(1)/4	4	5.5	80	8	100x100	118	50x33x89
6S250B/4	1.1	1.5	10	13	65x65	63	48x44x79	100-160(1) A/4	3	4	72	6	100x100	113	50x33x89
6S-315/4	4	S.5	12S	32	65x6S	89	55x51x92	100*200(1)/4	55	7S 1	80	12.S	100x100	148	54x36x97
6S-31SA/4	3	4	1L7	28	6Sx65	85	SSx47x86	100-200(1) A/4	4	5.5	72	10	100x100	123	54x35x97
6S.31SB/4	3	4	10	21	65x65	82	55x44x84	100-250(1)/4	11	15	100	20	100x100	208	60x44x112
6S*125(1)/4	0.75	1	25	5	65x65	49	40x36x66	100-250(1) A/4	7S	10	93.3	17.4	100x100	16S	60x36x112
6S-160(1)/4	1.1	IS	25	8	6Sx65^	54	40x36x66	100-250(I)B/4	S3	7.S	69	15	100x100	149	60x36x112
6S-160(1) A/4	0.75	1	22	6	65x65	48	40x36x66	100-315(1)/4	15	20	80	32	100x100	234	63x45x129
6S-200(1)/4	2.2	3	25	125	65x65	71	4Sx43x80	100-315 (I) A/4	11	15	7S	27.5	100x100	213	63x45x129
6S-200(I)A/4	1.5	2	23.3	11	6Sx65	62	45x43x80	100-315(I)B/4	75	10	72	24	100x100	165	63x45x129
6S-250(1)/4	丁 i	4	25	20	65x65	85	48x47x87	100-400(1)/4	30	40	80	44	100x100	375	71x54x129
6S-250(I)A/4	3	4	22.2	153	65x65	80	48x43x85	100-400(1) A/4	22	30	75	44	100x100	295	71x54x129
6S-250(I)B/4	2.2	3	20	128	65x65	74	48x43x81	100-400(1)8/4	18.5	25	70	38	100x100	257	71x54x129
6S-315(1)/4	5.5	7«S	25	32	65x65	120	S8x53x100	125-125/4	22	r	100	S	125x125	148	52x43x84
6S-31S(I)A/4	4	55	22.5	26	65x65	110	58x53x100	12S.160/4	3	4	80	8	125x125	205	52x46x92
6S-315(I)B/4	4	55	20	21	65x6S	100	58xS3x100	12S-160A/4	22	3	69.3	6	125x125	165	52x43x89
80-125/4	0.75	1	—25	S	80x80	48	40x36x66	12S-200/4	5.5	□	80	12.5	125x12T	249	MxSlx104
80-160/4	1.5	2	25	8	80x80	55	40x36x66	12S-200A/4	4	5.5	75	11	125x125	237	54x51x104
80-160 A/4	1.1	T5	22	6	80x 助 1	51	40x36x66	125-250/4	11	IT	100	20	125x125	220	68x66x118
80-200/4	22	3	25	125	的X的	72	43x43x80	12S.250A/4	7.5	10	93.3	17.4	125x125	210	68x57x108
80-200A/4	1.5	2	23.3	10	80x80	64	43x43x80	125-250B/4	55	7.5	87	15	125x125	195	68x51x105
80-250/4	3	4	25	20	80x80	89	48x47x87	125-315/4	15	20	100	32	125x125	300	68x69x135

MATERIAL DESCRIPTION / DESCRIPCIdNDE MATERIAL



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Bearing	Ball Bearing	4	Impeller	SS304/Cast iron	7	Mechanical Seal	SiC/Carbon /SS304
2	Water Deflector	Rubber	5	Impeller Nut	Galvanized Steel	8	Connection	Cast iron
3	Pump Case	Cast iron	6	Shaft	SS304/45# Steel	9	Motor	IP55 Class F



Centrifugal pumps PC

PC

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



PC

Thread port centrifugal pump
Bomba centrifuga roscada



Clean Home Civil Industry

NEW/NUEVO

TECHNICAL DESCRIPTION

- New thread port centrifugal pump
- Original design by PURITY (patented)
- Both square motor & round motor available
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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 / LÍMITES DE UTILIZACION

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

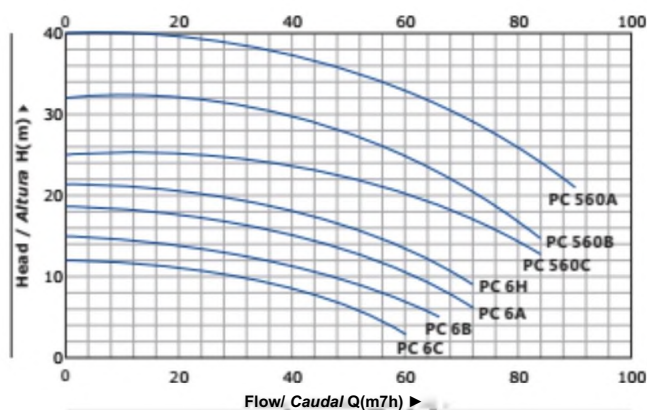
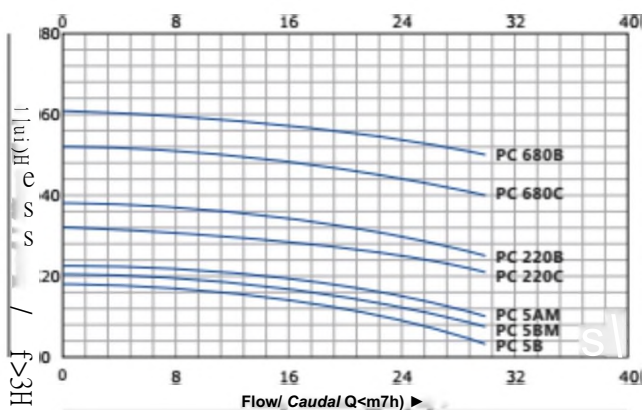
PATENTS / PATENTES

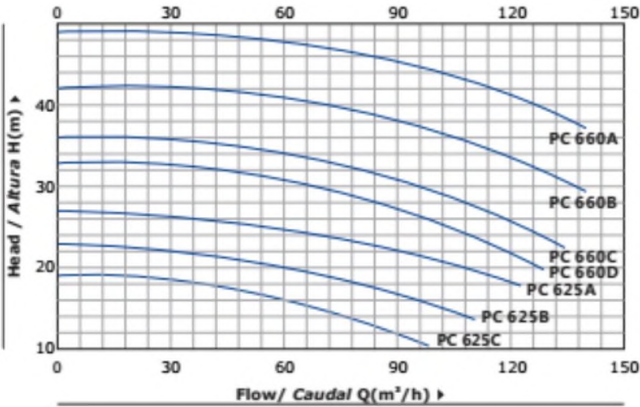
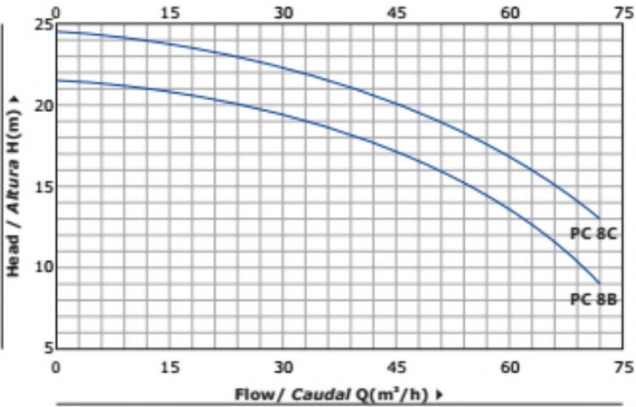
- Registered model PC
- Registered Patent Design no 201530476290.2

MODEL MODELO	Power		1/min	Q=DELIVERY/CAI/ZMZ.																				DN	
	Potencia			0	100	150	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1400	1500	1800	2000		2300
	kw	hp	m³/h	0	6	9	12	15	18	21	24	30	36	42	48	54	60	66	72	84	90	108	120	138	mm
PC 5B	0.75	1		179	164	165	15	14	13.5	11.4	9.5	5													50x50
PC 5BM	1.1	1.5		20.2	19.2	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
PC220C	2.2	3		32	31	30.5	30	29	28	26	24	21													50x50
PC 220B	3	4		38	37	36.5	36	34.8	33.5	31.2	29	25													50x50
PC 680C	4	5.5		52	51	50.8	50.3	49	47.5	45	43	40													50x50
PC 680B	5.5	7.5		61	60	59.5	59	58.5	57	55	52.5	50													50x50
PC 6C	1.1	1.5		11.9			11.7	11.5	11.3	11	10.7	10.2	9.2	8	6.7	5	3								50x50
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	10.5	8.3	6						80x80
PC 6H	3	4		21.5			21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	13.5	11.2	9						80x80
PC 560C ★	4	5.5	H(m)	25									24.1	24	22.5	21.3	19.8	18.3	16.8	12.8					80x80
PC 560B ★	5.5	7.5		3?									30.6	30	28	26.6	24.8	22.5	20.5	14.8					80x80
PC 560A ★	7.5	10		40									38	37	36	34.4	32.6	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	10.5	8.3	6						100x100
PC 8B	3	4		21.5			21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	13.5	11.2	9						100x100
PC 625C	4	5.5		19											17.3	16.8	15.5	15	14.5	13	11.8				100x100
PC 625B ★	5.5	7.5		23											21.3	20.9	20.3	19.7	19	17.5	16.7	13.7			100x100
PC 625A ★	7.5	10		27											26	25.6	25.2	24.8	24.5	23	22.5	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	15		36												34.5	34	33.5	33	31.5	30.8	28	25.5		100x100
PC 660B ★	15	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

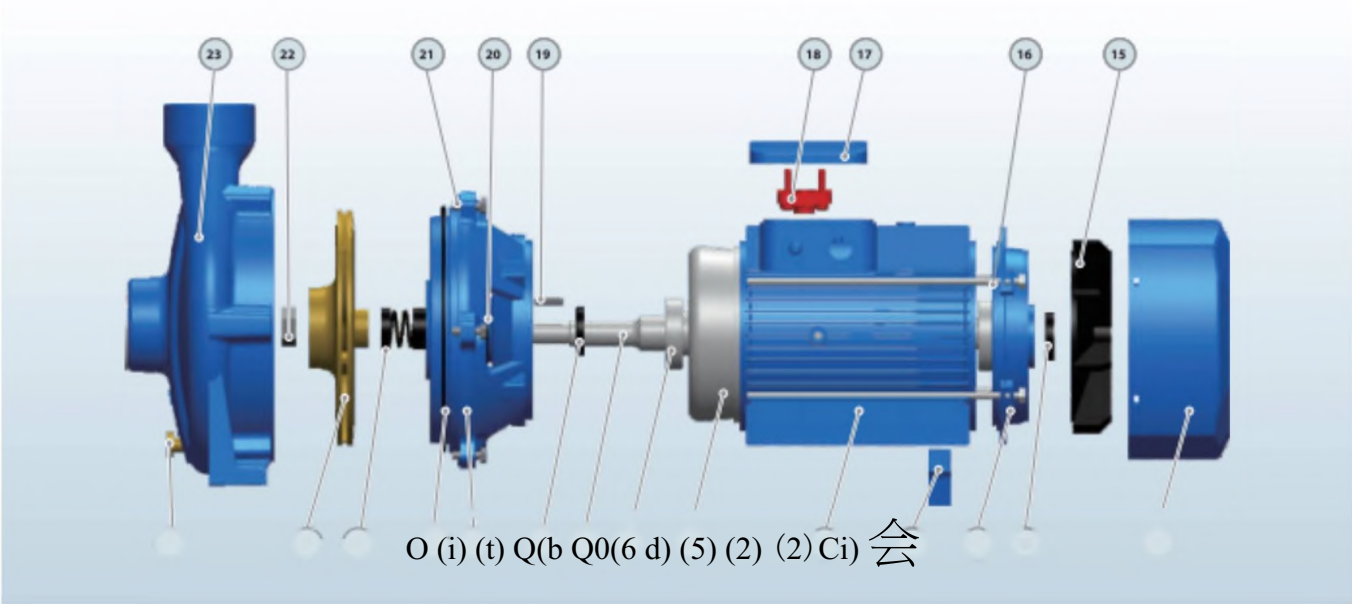
CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2900 1/min

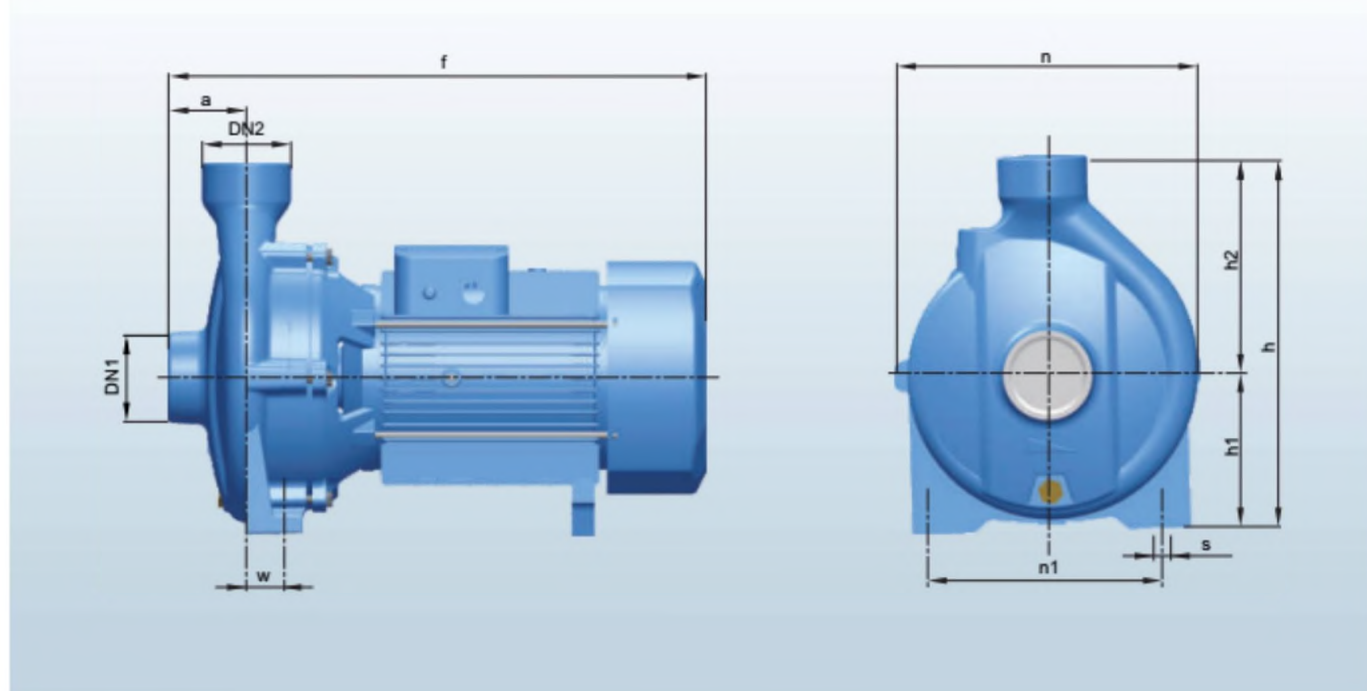




MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No*	Description Descripción	Material Material	No*	Description Descripción	Material Material
1	Release Valve Tapón Cebado	Brass Bronce	9	Wound Stator/Rotor Estator / Rotor	Siicon Steel\Copper Acero al SiUicio\Cobre	17	Terminal Box Caja de Bomes	Aluminum Aluminio
2	Impeller Impulsor	Brass 10 Bronce		Motor Case Cuerpo de Motor	Aluminum Aluminio ¹⁸		Terminal Board Tablero de Bomes	Plastic Plástico
3	Mechanical Seal Cierre Mecánico	SiC.\Carbon/SS304 SiC-Grafito-Inox304	11	Support Foot Soporte Pie	Plastic Plástico	19	Impeller Key Chaveta Impulsor	Iron Hierro
4	O-ring Junta Tóries	Rubber 12 Caucho		Back Cover Taps Trasera	Cast iron Fundicidn	20	Water Deflector Deflector	Rubber Caucho
5	Connection Conexión	Cast iron Fundicidn	13	Reinforced Seal SeNo Reforzado	Rubber Caucho	21	Connection Bolt Pemo	Steel Acero
6	Reinforced Seal SeOo Reforzado	Rubber Caucho	14	Fan Cover Taps Ventiador	Aluminum Aluminio	22	Impeller Nut Tuerca de Impulsor	Gatvanized Steel Acero Galvanizado
7	Shaft 印	SS304/45# Steel Inox 304/45# Hierro	15	Fan VentUador	Plastic Plástico	23	Pump Case Cuerpo de Bomba	Cast iron Fundicidn
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	16	Through Bolt Pemo	Steel Acero			



MODEL / MODELO		DIMENSIONS/ DIMENSIONES mm											kg	
Single-phase <i>Monofásico</i>	Three-phase <i>Trifásico</i>	DN1	DN2	a	f	h	hi	h2	n	n1	w	s	└	3-
PC 5B	PC SB	50	50	51	398	26S	105	160	206	160	1	11	18	17
PC 5BM	PC 5BM	50	50	51	398	265	105	160	206	160	1	11	19.9	18.9
PC 5AM	PC 5AM	50	50	51	398	265	105	160	206	160	1	11	21.9	20.9
PC 220C	PC 220C	50	50	75	472	322	132	190	245	165	40	14	29.5	28.5
-	PC 220B	50	50	75	472	322	132	190	245	165	40	14	■	32.3
-	PC 680C	50	50	75	535	335	140	195	273	190	40	14	-	42
-	PC 680B	50	50	75	535	335	140	195	273	190	40	14	-	47
PC 6C	PC 6C	80	80	68	435	317	120	197	240	190	6	12	25	24
PC 6B	PC 6B	80	80	68	435	317	120	197	240	190	6	12	26.5	25.5
PC 6A	PC GA	80	80	68	435	317	120	197	240	190	6	12	27.7	26.7
-	PC 6H	80	80	68	435	317	120	197	240	190	6	12	-	35
■	PC 560C	80	80	79	578	372	163	209	263	212	32	16	-	52
-	PC 560B	80	80	79	578	372	163	209	263	212	32	16	■	64
-	PC 560A	80	80	79	578	372	163	209	263	212	32	16	-	71
PC8C	PC 8C	100	100	70	482	322	120	202	245	190	30	14	31	30
-	PC 8B	100	100	70	482	322	120	202	245	190	30	14	-	35
-	PC 625C	100	100	85	593	373	163	210	267	212	32	16	-	63
-	PC 625B	100	100	85	593	373	163	210	267	212	32	16	-	68
-	PC 625A	100	100	85	593	373	163	210	267	212	32	16	-	74
-	PC 660D	100	100	85	605	415	186	229	305	222	49	16	-	90
-	PC 660C	100	100	85	605	415	186	229	305	222	49	16	-	106
-	PC 660B	100	100	85	605	415	186	229	305	222	49	16	-	134
-	PC 660A	100	100	85	605	415	186	229	305	222	49	16	-	155



NEW/NUEVO

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

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 / LÍMITES DE UTILIZACIÓN

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

PATENTS / PATENTES

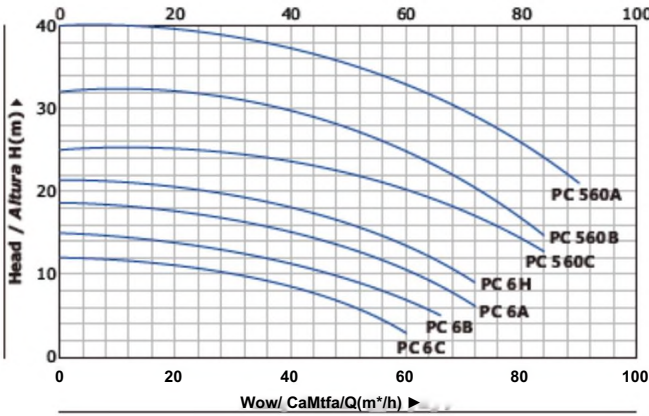
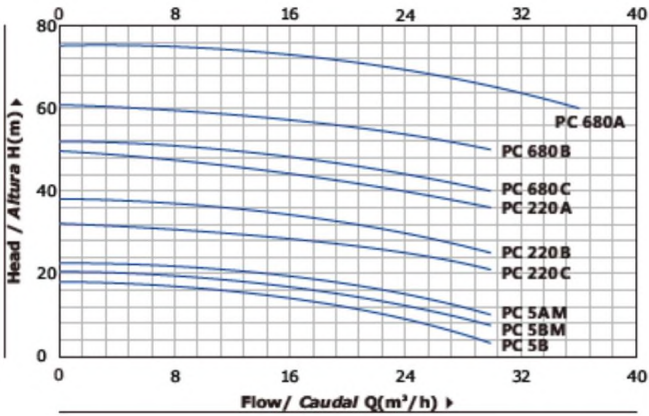
- Registered model PC
- Registered Patent Design no 201530476290.2

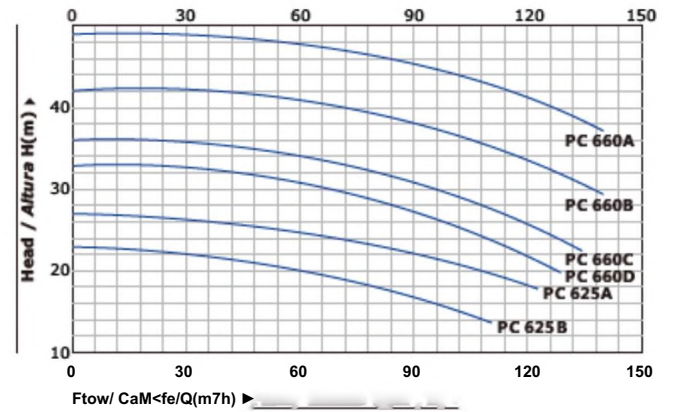
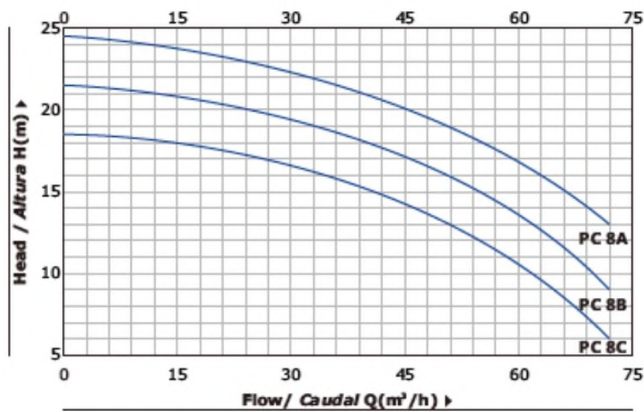
MODEL MODELO	Power Potenda		l/min	Q«D ELI VERY / CAUDAL																				nN	
				0	100	150	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1400	1500	1800	2000		2300
	kw	hp	mVh	0	6	9	12	15	18	21	24	30	36	42	48	54	60	66	72	84	90	108	120	138	mm
PC 5B	0.75	1	H(m)	17.9	16.4	165	15	14	13.5	11.4	9.5	5													50x50
PC 5BM	L1	L5		20.2	192	19	18	17	16	14	12	7.5													50x50
PC SAM	L5	2		225	22	21.5	21	20	18.5	16.6	14.5	10													50x50
PC220C	22	3		32	31	30.5	30	29	28	26	24	21													50x50
PC220B	3	4		38	37	36.5	36	34.8	33.5	312	29	25													50x50
PC220A	4	55		49	48	47	46	443	43.5	415	39.5	36													50x50
PC680C	4	5.5		52	51	50.8	50.3	49	47.5	45	43	40													50x50
PC680B	5.5	7.5		61	60	59.5	59	5&5	57	55	52.5	50													50x50
PC680A	7.5	10		75	74.5	743	74	73.5	725	71	68.5	65	60												50x50
PC6C	L1	15		11.9			11.7	11.5	113	11	10.7	10.2	92	8	67	5	3								80x80
PC6B	L5	2		14.7			14.5	143	14	13.8	135	128	12	11	9.7	8.2	6.7	5							80x80
PC6A	Z2	3		18.5			18.1	18	17.8	17.5	172	16.8	16	15	13.8	122	10.5	83	6						80x80
PC6H	3	4		21.5			21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	13.5	112	9						80x80
PC 560C ★	4	55		25									24.1	24	225	213	19.8	183	16.8	128					80x80
PC 560B ★	5.5	7.5		32									30.6	30	28	26.6	24.8	227	20.5	14.8					80x80
PC 560A ★	7.5	10		40									38	37	36	34.4	326	303	29	24	21				80x80
PC8C	2.2	3		18.5			1&1	18	17.8	17.5	172	16.8	16	15	13.8	122	10.5	83	6						100x100
PC8B	3	4		21.5			21	203	20.7	20.4	20	19.5	183	17.8	16.5	15	13.5	112	9						100x100
PC8A	4	5.5		24.5			24	233	23.5	23.3	23	225	213	20.8	19.5	183	16.8	15	13						100x100
PC 625B ★	5.5	75		23											213	203	203	19.7	19	17.5	16.7	13.7			100x100
PC625A*	7.5	10		27											26	25.6	25.2	24.8	24.5	23	22.5	20	18		100x100
PC 660D ★	9.2	125		33												31.5	31	30.5	30	28	27 J.	24	215		100x100
PC 660C ★	11	15		36												345	34	33.5	33	31.5	303	28	25.5		100x100
PC 660B ★	15	20		42												41	40.7	40.4	40	3&5	373	35	33	29.5	100x100
PC 660A ★	1&5	25		49												48	47.7	47.4	47	46	45	42	41	37	100x100

★=Cast iron impeller / Impulsoren fundición

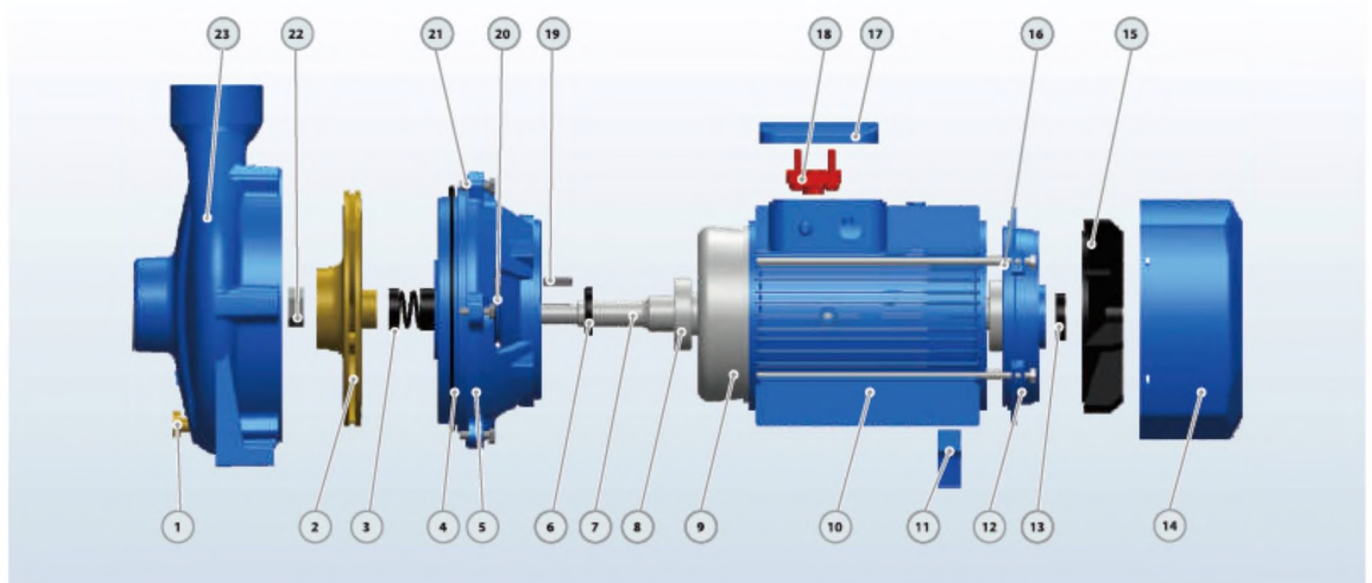
CHARACTERISTIC CURVES AND PERFORMANCE DATA

60 Hz n=3450 1/min



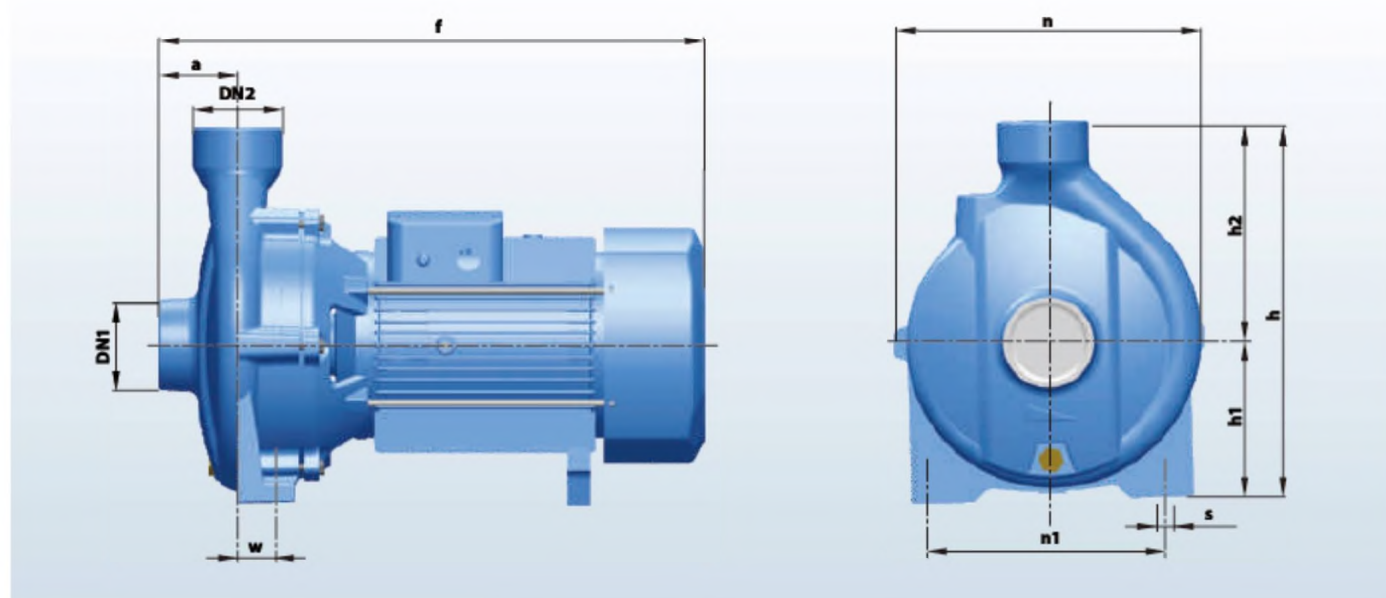


MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No*	Description Descripción	Material Material	No*	Description Descripción	Material Material
1	Release Valve Tapón Cebado	Brass Bronce	9	Wound Stator/Rotor Estator/Rotor	Silicon SteelCopper Acero al SUicio/Cobre	17	Terminal Box Caja de Bomes	Aluminum Aluminio
2	Impeller Impulsor	Brass Bronce		Motor Case Cuerpo de Motor	Aluminum Aluminio		Terminal Board Tablero de Bomes	Plastic Plástico
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	11	Support Foot Soporte Pie	Plastic Plástico	19	Impeller Key Chaveta Impulsor	Iron Hierro
4	O'ring Junta Tóries	Rubber Caucho		Back Cover Tape Trasera	Cast iron Fundición	20	Water Deflector Deflector	Rubber Caucho
5	Connection Conexión	Cast iron Fundición	13	Reinforced Seal Seffo Reforzado	Rubber Caucho	21	Connection Bolt Pemo	Steel Acero
6	Reinforced Seal SeOo Reforzado	Rubber Caucho	14	Fan Cover Tape Ventador	Aluminum Aluminio	22	Impeller Nut Tuerca de Impulsor	Gatvanized Steel Acero Galvanizado
7	Shaft Eje	SS304,45# Steel Inox 304/45# Hierro	15	Fan VentHador	Plastic Plástico	23	Pump Case Cuerpo de Bomba	Cast iron Fundición
8	Bearing Rodamiento	Ball Bearing Bota Rodamiento	16	Through Bolt Pemo	Steel Acero			

DIMENSIONS AND WEIGHT/ DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS/ DIMENSIONES mm											kg	
Single phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	┐	3~
PC 5B	PC 5B	50	50	51	398	265	105	160	206	160	1 11		18	17
PC 5BM	PC 5BM	50	50	51	398	265	105	160	206	160	1 11		19.9	18.9
PC 5AM	PC 5AM	50	50	51	398	265	105	160	206	160	1 11		21.9	20.9
PC 220C	PC 220C	50	50	75	472	322	132	190	245	165	40	14	29.5	28.5
-	PC 220B	50	50	75	472	322	132	190	245	165	40	14	-	32.3
-	PC 680C	50	50	75	535	335	140	195	273	190	40	14	-	42
-	PC 680B	50	50	75	535	335	140	195	273	190	40	14	-	47
PC6C	PC 6C	80	80	68	435	317	120	197	240	190	6	12	25	24
PC 6B	PC 6B	80	80	68	435	317	120	197	240	190	6	12	26.5	25.5
PC 6A	PC 6A	80	80	68	435	317	120	197	240	190	6	12	27.7	26.7
-	PC 6H	80	80	68	435	317	120	197	240	190	6	12	*	35
-	PC 560C	80	80	79	578	372	163	209	263	212	32	16	-	52
-	PC 560B	80	80	79	578	372	163	209	263	212	32	16	-	64
■	PC 560A	80	80	79	578	372	163	209	263	212	32	16	-	71
PC8C	PC8C	100	100	70	482	322	120	202	245	190	30	14	31	30
-	PC 8B	100	100	70	482	322	120	202	245	190	30	14	-	35
-	PC 625C	100	100	85	593	373	163	210	267	212	32	16	-	63
-	PC 625B	100	100	85	593	373	163	210	267	212	32	16	-	68
-	PC 625A	100	100	85	593	373	163	210	267	212	32	16	-	74
-	PC 660D	100	100	85	605	415	186	229	305	222	49	16	-	90
-	PC 660C	100	100	85	605	415	186	229	305	222	49	16	-	106
-	PC 660B	100	100	85	605	415	186	229	305	222	49	16	-	134
-	PC S60A	100	100	85	605	415	186	229	305	222	49	16	-	155



Centrifugal pumps PW

PW

TECHNICAL DESCRIPTION

- New design 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



PW

Same DN centrifugal pump
Bomba centrifuga con misma DN

NEW/NUEVO

TECHNICAL DESCRIPTION

- New design centrifugal pump
- Original design by PURITY (patented)
 - Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
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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 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 $+120^{\circ}\text{C}$
- Ambient temperature up to $+50^{\circ}\text{C}$
- Max. working pressure 16 bar
- Continuous service S1

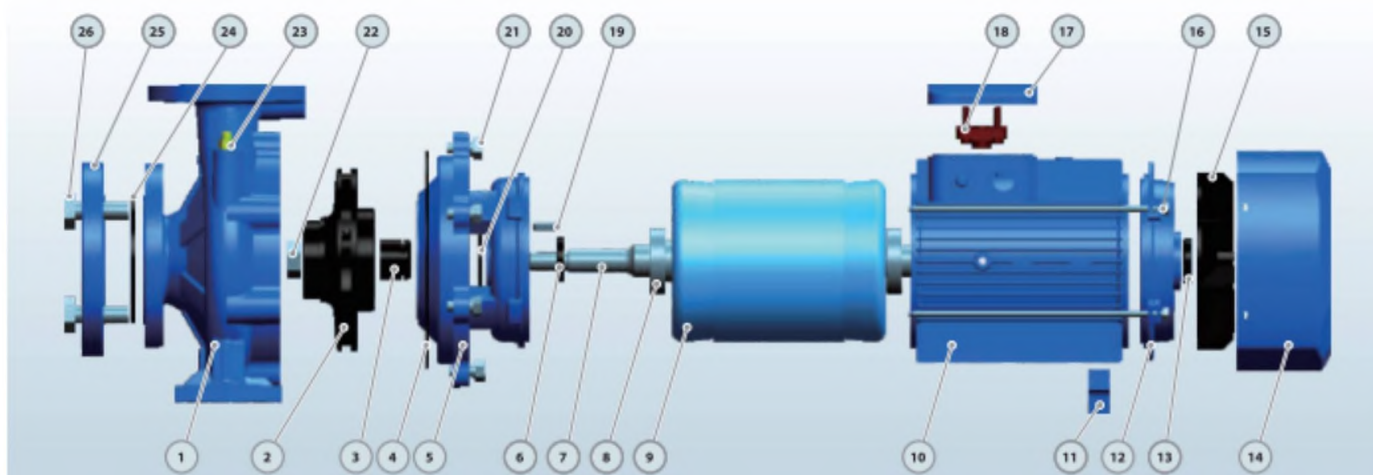
PATENTS

- Registered model PW
- Registered Patent Design no 201530478502.0

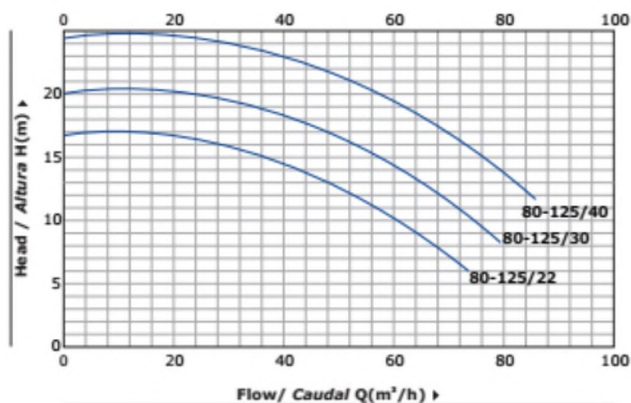
MODEL MODELO	Power		l/min	Q=DELIVERY / CAUDAL																	DN
	Potencia			0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	mm
80-125/22	22	3		17	-	-	-	-	-	-	15.4	14	12.8	11.5	6.5						80x80
80-125/30	3	4		20	-	-	-	-	-	-	18.8	18	17	15.6	11						80x80
80-125/40	4	5.5		24	-	-	-	-	-	-	23.1	23	21.5	20.3	15.8	11.8					80x80
80-160/55	5.5	7.5		32	-	-	-	-	-	-	30.6	30	28	26.6	20.5	14.8					80x80
80-160/75	7.5	10		40	-	-	-	-	-	-	38	37	36	34.4	29	24	21				80x80
80-200/92	9.2	12.5		50.5	-	-	-	-	-	-	46.8	45	43	40.9	32.5	25.7					80x80
80-200/110	11	15		57.5	-	-	-	-	-	-	53.5	52	50	47.5	40	33	29				80x80
80-250/150	15	20		68.5	-	-	-	-	-	-	64	63	61.5	59	50	41					80x80
80-250/185	18.5	25		79	-	-	-	-	-	-	75.8	74.8	74	71.5	63.5	55.5	47				80x80
80-250/220	22	30	H(m)	89.5	-	-	-	-	-	-	86	85.3	84	81.5	73.5	65.5	57				80x80
100-125/40	4	5.5		19	-	-	-	-	-	-	-	-	-	17.3	16.8	14.5	13	11.8			100x100
100-125/55	5.5	7.5		23	-	-	-	-	-	-	-	-	21.3	20.9	19	17.5	16.7	13.7			100x100
100-125/75	7.5	10		27	-	-	-	-	-	-	-	-	26	25.6	24.5	23	22.5	20	18		100x100
100-160/92	92	12.5		33	-	-	-	-	-	-	-	-	-	31.5	30	28	27.1	24	21.5		100x100
100-160/110	11	15		36	-	-	-	-	-	-	-	-	-	34.5	33	31.5	30.8	28	25.5		100x100
100-160/150	15	20		42	-	-	-	-	-	-	-	-	-	41	40	38.5	37.8	35	33	29.5	100x100
100-200/150	15	20		45	-	-	-	-	-	-	-	-	-	45.5	43	41	40.2	36.5	34		100x100
100-200/185	18.5	25		52	-	-	-	-	-	-	-	-	-	52.3	51	49	48.2	44.5	42		100x100
100-200/220	22	30		59	-	-	-	-	-	-	-	-	-	59.5	58	56	55	52	49.5	44.5	100x100

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL

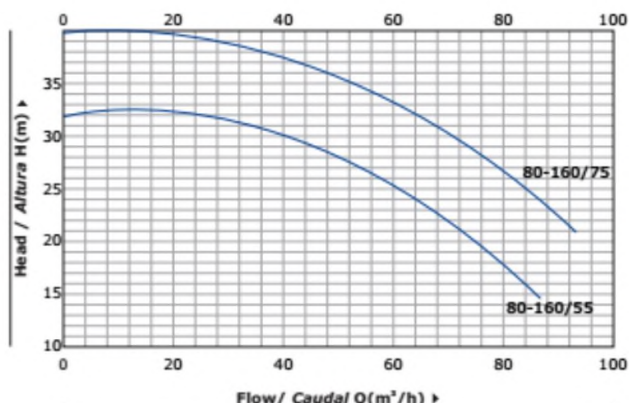
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



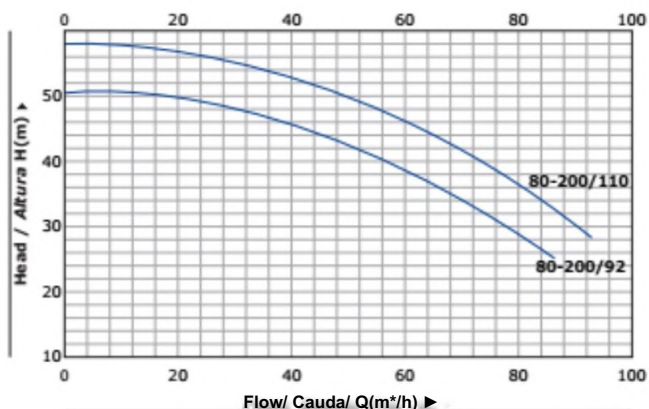
No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast 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 Setto 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 Setto 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 Bomes	Aluminum Aluminio	26	Flange Bolt Perno de Brida	Steel Acero
9	Wound Stator/Rotor Estator/Rotor	Silicon Steel/Copper Acero al Si/Cobre	18	Terminal Board Tablero de Bomes	Plastic Plástico			



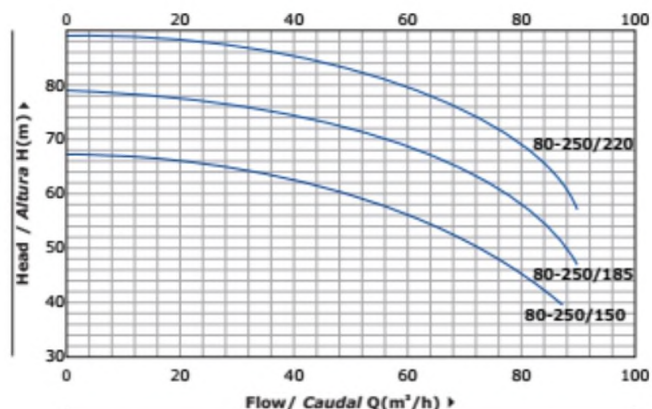
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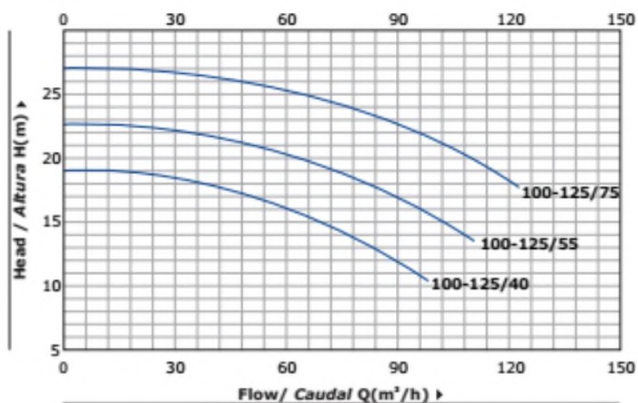
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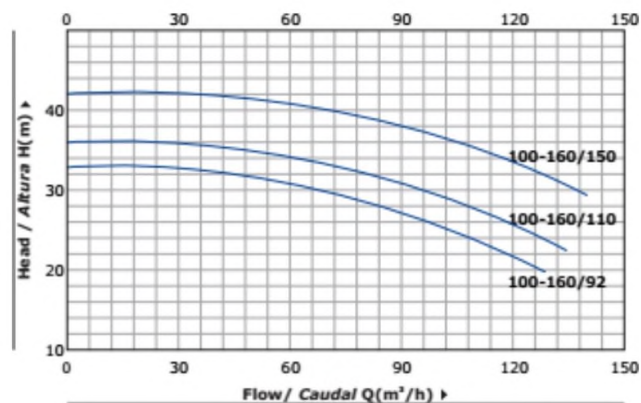
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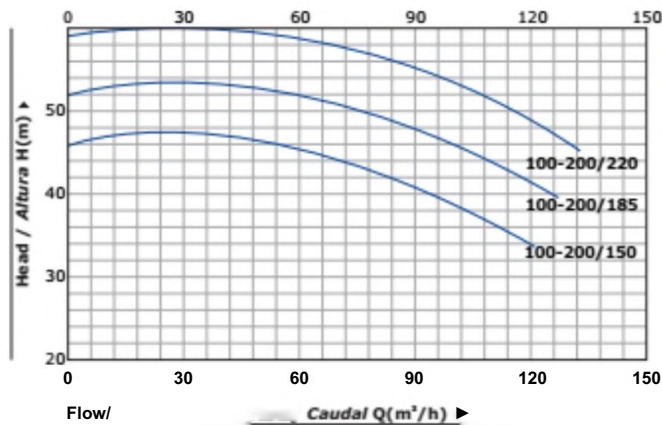
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100-125

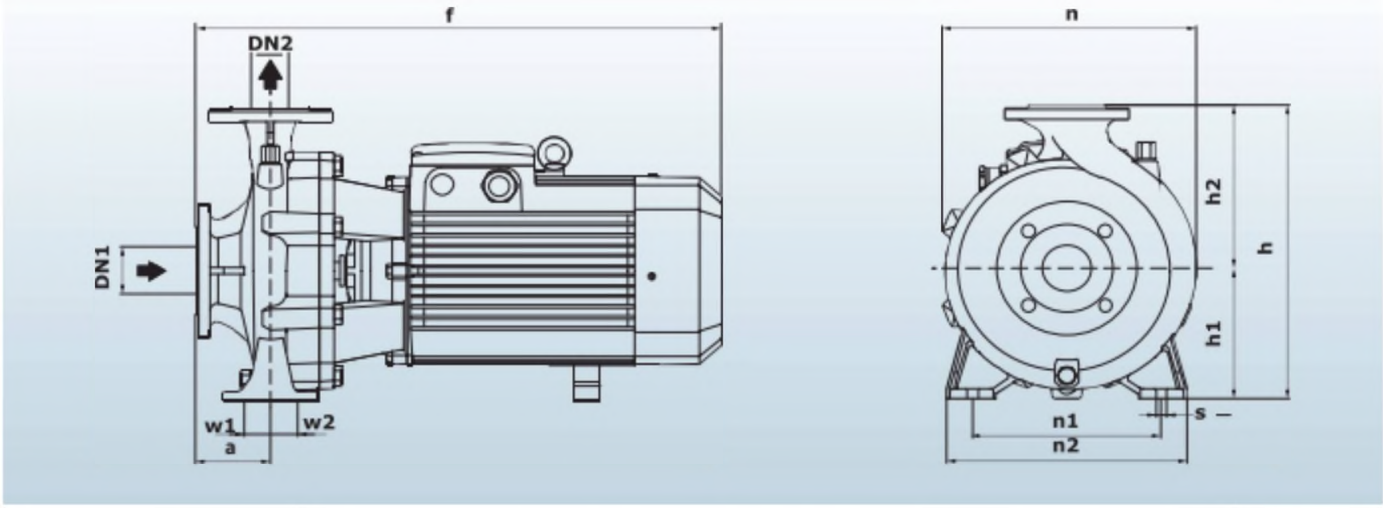


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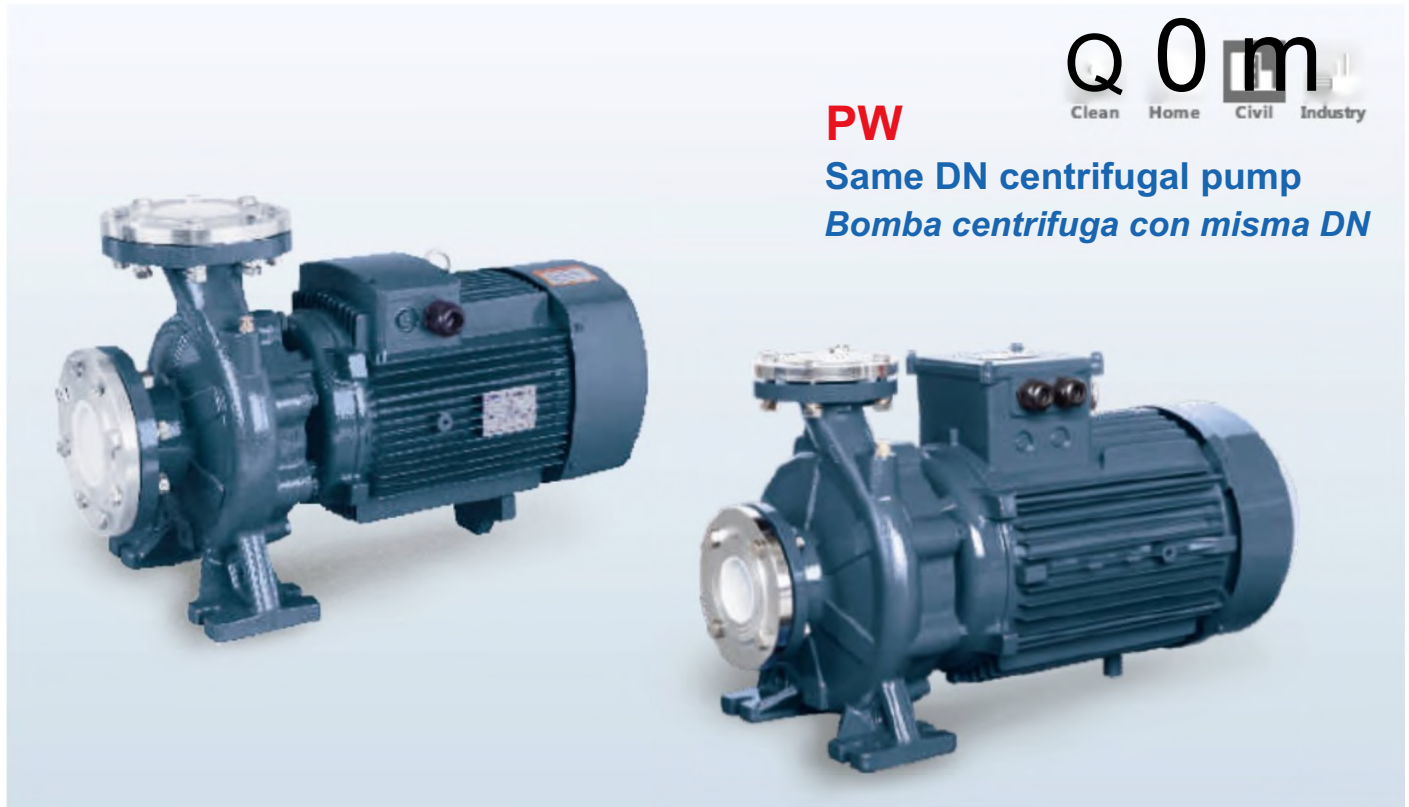


100-200

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm													kg	
Single-phase Monofásico	Three-phase trifásico	DN1	DN2	a	f	h	M	h2	n	n1	n2	w1	w2	s	1-	3*
80-125/22	80-125/22	80	80	102	525	305	135	170	263	190	245	37	37	8	45	41
80-125/30	80-125/30			102	525	305	135	170	263	190	245				54	50
-	80-125/40			102	525	305	135	170	263	190	245				-	52
-	80-160/55			110	560	345	162	193	270	212	262				-	64
-	80-160/75			110	560	345	162	193	270	212	262				-	71
-	80-200/92			104	722	392	186	206	307	232	307	49	49	10	-	90
-	80-200/110			104	722	392	186	206	307	232	307				-	106
-	80-250/150			102	720	416	186	230	330	250	327				-	145
-	80-250/185			102	720	416	186	230	330	250	327				-	153
-	80-250/220			102	720	416	186	230	330	250	327				-	183
-	100-125/40	100	100	104	580	345	162	193	275	212	275	49	49	10	-	56
-	100-125/55			104	580	345	162	193	275	212	275				-	68
-	100-125/75			104	580	345	162	193	275	212	275				-	74
-	100-160/92			102	730	415	186	230	330	250	330				-	90
-	100-160/110			102	730	415	186	230	330	250	330				-	106
-	100-160/150			102	730	415	186	230	330	250	330	49	49	10	-	134
-	100-200/150			102	730	415	186	230	330	250	330				-	140
-	100-200/185			120	740	415	186	230	330	250	330				-	145
-	100-200/220			120	740	415	186	230	330	250	330				-	185



NEW/NUEVO

TECHNICAL DESCRIPTION

- New design 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 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

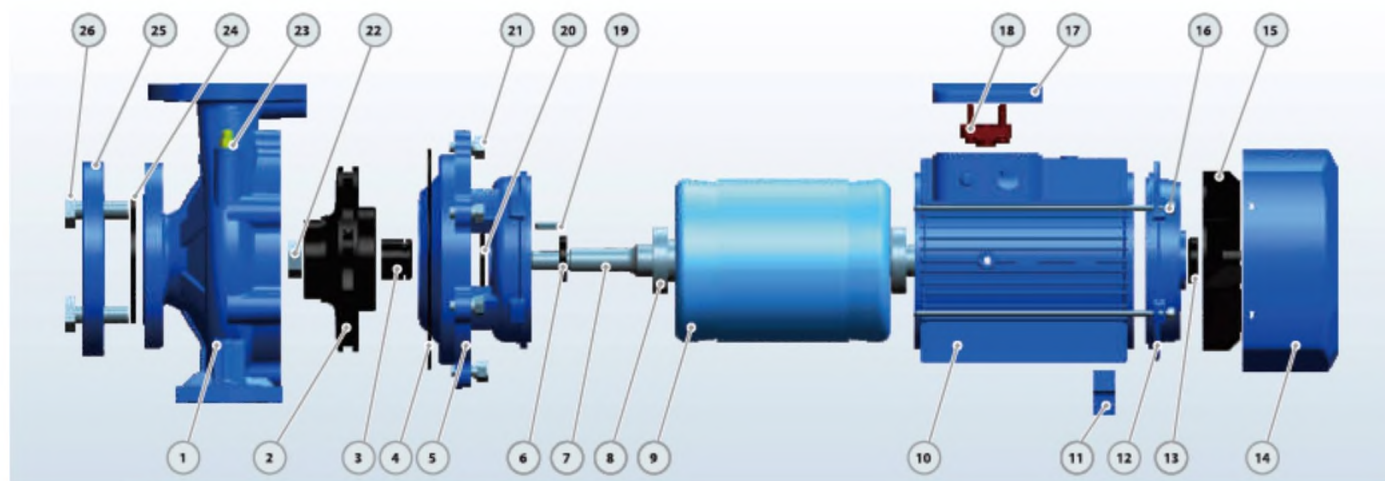
- Liquid temperature between -10°C and +120°C
- Ambient temperature up to +50°C
- Max. working pressure 16 bar
- Continuous service S1

PATENTS

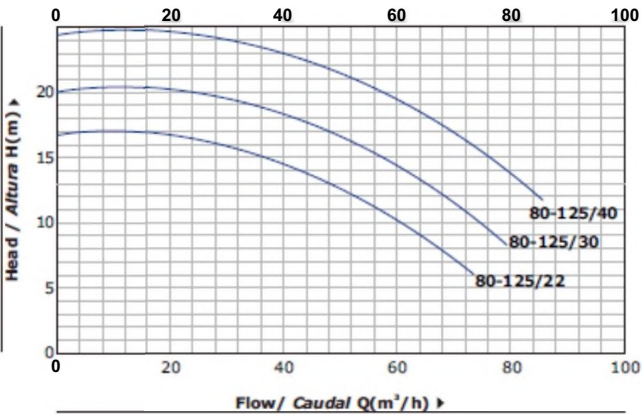
- Registered model PW
- Registered Patent Design no 201530478502.0

MODEL MODELO	Power Potencia		l/min	Q-DELIVERY / CAUDAL																	DN
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	
	kw	hp	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	mm
80-125/22	22	3	H(m)	17	-	-	-	-	-	-	15.4	14	128	1L5	6.5						80x80
80-125/30	3	4		20	-	-	-	-	-	-	183	18	17	15.6	11						80x80
80-125/40	4	5.5		24	-	-	-	-	-	-	23.1	23	2L5	20.3	15.8	1L8					80x80
80-1G0/55	5.5	7.5		32	-	-	-	-	-	-	30.6	30	28	26.6	20.5	14.8					80x80
80-160/75	75	10		40	-	-	-	-	-	-	38	37	36	34.4	29	24	21				80x80
80-200/92	92	12.5		50.5	-	-	-	-	-	-	463	45	43	40.9	325	25.7					80x80
80-200/110	11	15		57.5	-	-	-	-	-	-	53.5	52	50	47.5	40	33	29				80x80
80-250/150	15	20		685	-	-	-	-	-	-	64	63	6L5	59	50	41					80x80
80-250/185	18.5	25		79	-	-	-	-	-	-	75.8	74.8	74	7L5	63.5	55.5	47				80x80
80-250/220	22	30		89.5	-	-	-	-	-	-	86	853	84	8L5	73.5	65.5	57				80x80
100-125/40	4	5.5		19	-	-	-	-	-	-	-	-	17.3	16.8	14.5	13	1L8				100x100
100-12 V55	55	75		23	-	-	-	-	-	-	-	-	2L3	20.9	19	17.5	16.7	13.7			100x100
100-125/75	7.5	10		27	-	-	-	-	-	-	-	-	26	25.6	24.5	23	225	20	18		100x100
100-160/92	92	12.5		33	-	-	-	-	-	-	-	-	-	3L5	30	28	27.1	24	2L5		100x100
100-16Q/H0	11	15		36	-	-	-	-	-	-	-	-	-	34.5	33	3L5	30.8	28	25.5		100x100
100-16Q/150	15	20		42	-	-	-	-	-	-	-	-	-	41	40	3&5	37.8	35	33	29.5	100x100
100-200/150	15	20		45	-	-	-	-	-	-	-	-	-	45.5	43	41	40.2	36.5	34		100x100
100-200/185	18.5	25		52	-	-	-	-	-	-	-	-	-	523	51	49	4&2	44.5	42		100x100
100-200/220	22	30		59	-	-	-	-	-	-	-	-	-	59.5	58	56	55	52	49.5	44.5	100x100

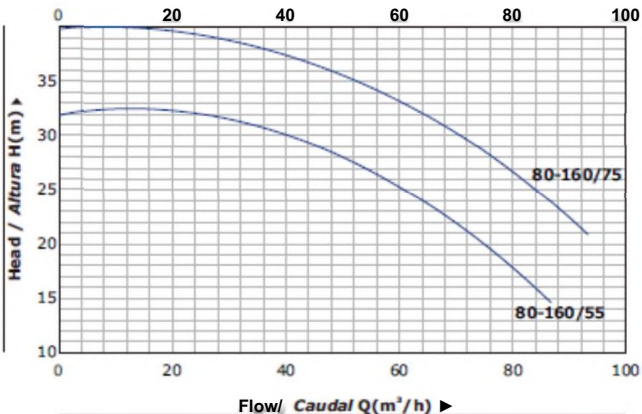
MATERIAL DESCRIPTION / DESCRIPCIÓN DE MATERIAL



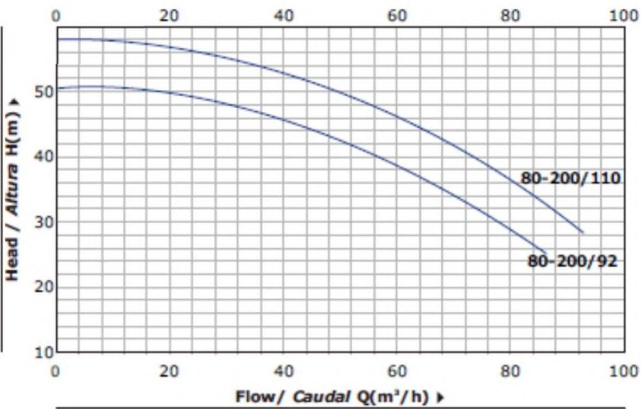
No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Impeller Key Chaveta Impulsor	Iron Hierro
2	Impeller Impulsor	SS304/Cast 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 Seto 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 Seto 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 Bida	Galvanized Cast iron Fundición Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Terminal Box Caja de Bomes	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 Bomes	Plastic Plástico			



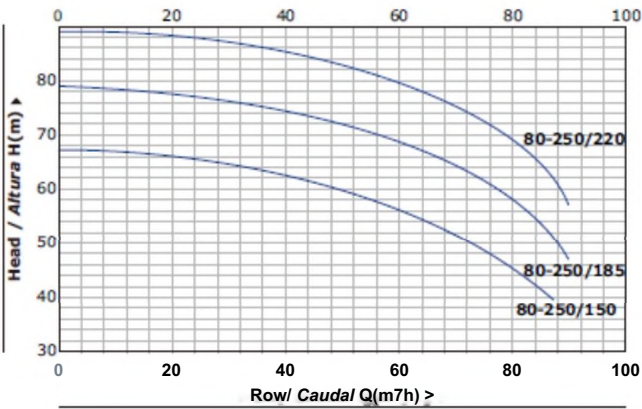
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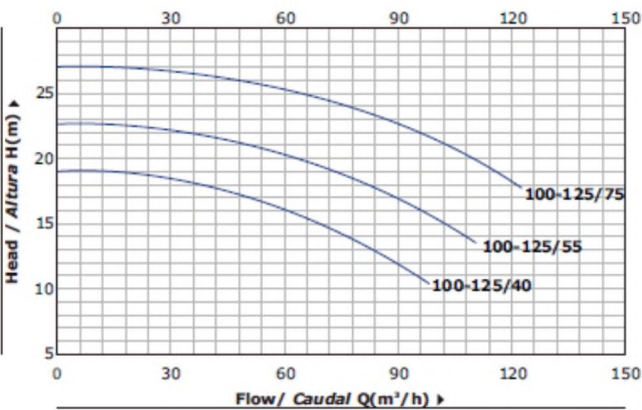
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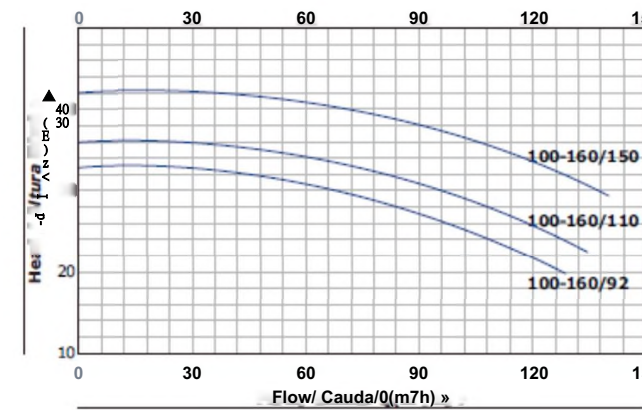
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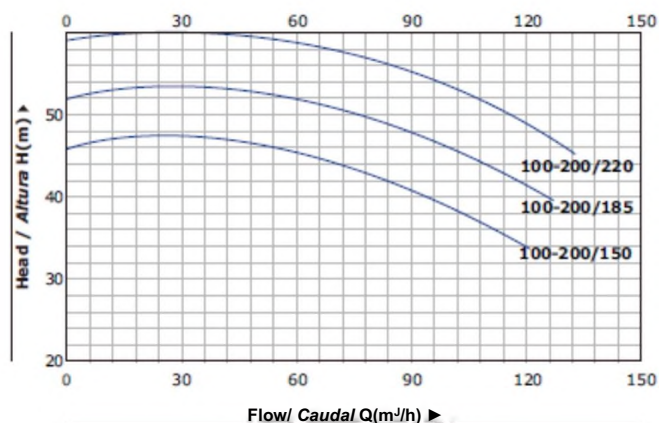
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100-125

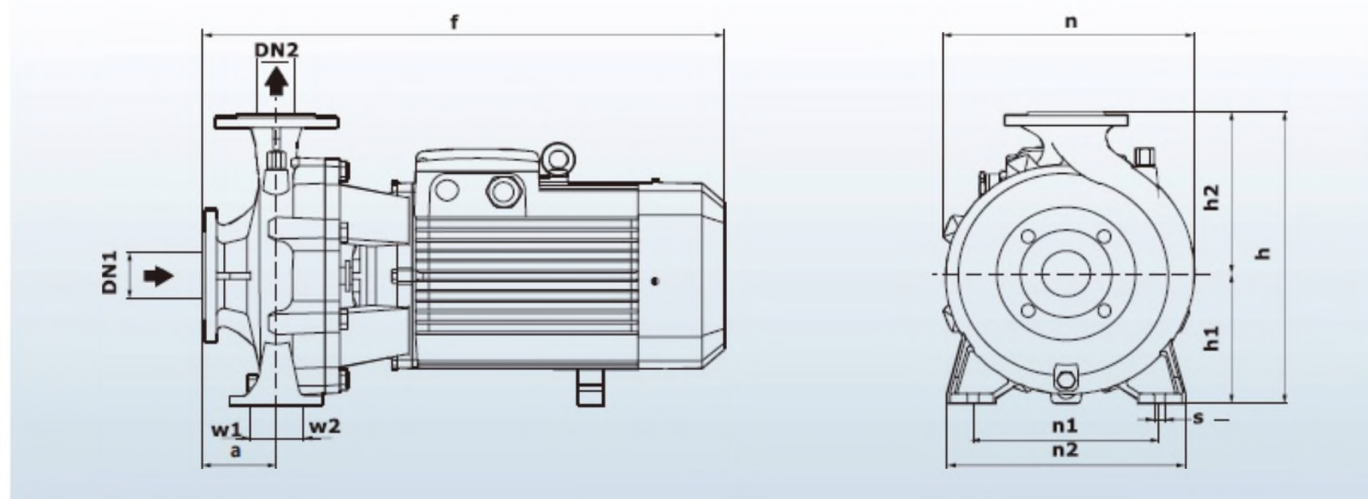


100-160



100-200

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm													kg	
Single-phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1~	3~
80-125/22	80-125/22	80	80	102	525	305	135	170	263	190	245	37	37	8	45	41
80-125/30	80-125/30														54	50
-	80-125/40														-	52
-	80-160/55														-	64
-	80-160/75														-	71
-	80-200/92			104	722	392	186	206	307	232	307	49	49	10	-	90
-	80-200/110														-	106
-	80-250/150														-	145
-	80-250/185														-	153
-	80-250/220														-	183
-	100-125/40	100	100	104	580	345	162	193	275	212	275	49	49	10	-	56
-	100-125/55														-	68
-	100-125/75														-	74
-	100-160/92														-	90
-	100-160/110														-	106
-	100-160/150			102	730	415	186	230	330	250	330	49	49	10	-	134
-	100-200/150														-	140
-	100-200/185														-	145
-	100-200/220														-	185
-	100-200/220														-	185



Centrifugal pumps P2C

P2C

TECHNICAL DESCRIPTION

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



P2C

Double impeller centrifugal pump

Bomba centrifuga con doble impulsos



NEW/NUEVO

TECHNICAL DESCRIPTION

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

USING LIMITS

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

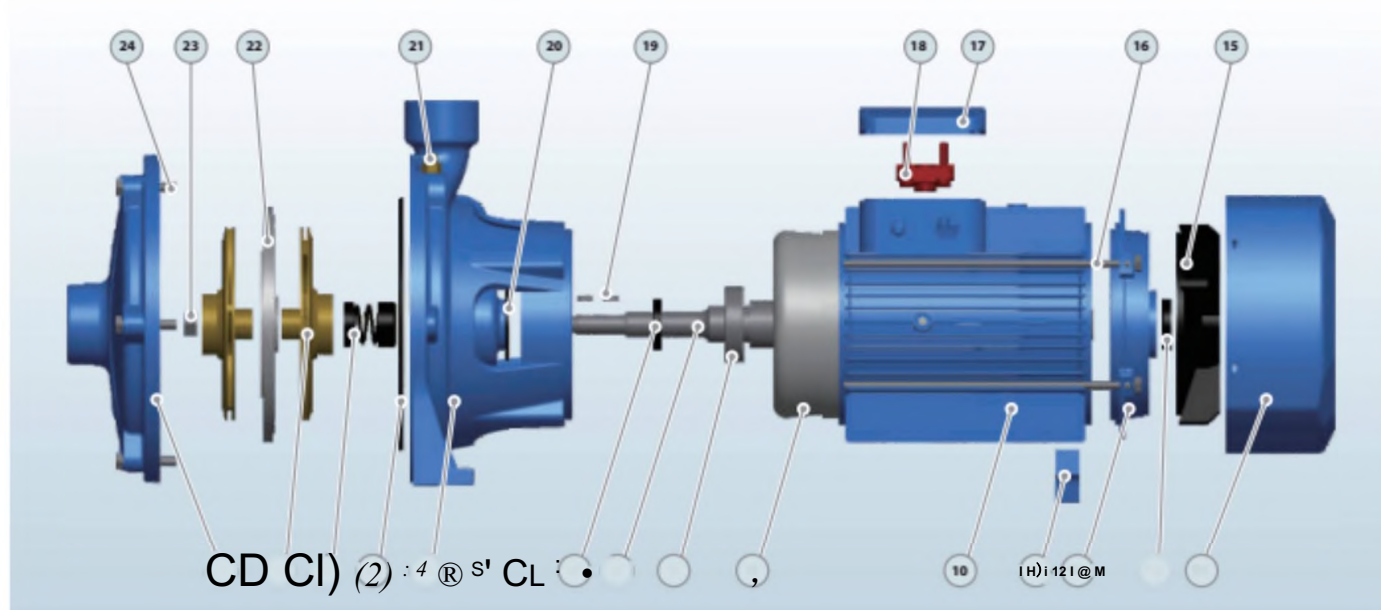
APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors; in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fighting sets.

MODEL MODELO	Power Potencia		l/min m³/h	Q=DELIVERY/GAODAZ.																			DN mm
	kw	hp		0	40	50	60	70	80	90	100	110	120	140	160	180	200	250	300	350	400	450	
				0	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7*2	8.4	9.6	10.8	12	15	18	21	24	27	
25-140/11	1.1	1.5		54	47.5	44.5	41	37	33	28	22												32x25
25-140/15	1.5	2		67	60	57	54	50	45	40	32												32x25
25-160/11	1.1	1.5		47	44	42	40	38	35	33	30	27	24										32x25
25-160/15	1.5	2		58	54	53	51	49	47	45	43	40	37	30									32x25
25-160/22	2.2	3		68	64.5	63	62	60	58	56	54	51	48	41	32								32x25
32-200/30	3	4		70					63	62	60.5	59	57	55	52	49.5	46.5	36					40x32
32-200/40	4	5.5		85					77	76	75	74	72	69	66	62	58	49					40x32
32-210/55	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56					50x32
32-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x32
40-210/55	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56					50x40
40-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x40
50-180/40	4	5.5		62					59	58	57	56	55	55	50	43	44	36	31	23			50x50
50-180/55	5.5	7.5	H (m)	72					69	68	67	66	65	65	60	58	54	46	41	33			50x50
50-180/75	7.5	10		84					81	80	79	78	76	75	72	72	66	58	53	45			50x50
40-200/92	9.2	12.5		97										91.5	91	90	88	85	80	74	68	61	50x40
40-200/110	11	15		105										100	99	98	97	93	88	83	76	69	50x40
50-200/92	9.2	12.5		97										91.5	91	90	88	85	80	74	68	61	50x50
50-200/110	11	15		105										100	99	98	97	93	88	83	76	69	50x50
40-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x40
40-250/150	15	20		130										124	123	122	120	117	113	108	102	92	50x40
40-250/185	18.5	25		145										139	138	137	136	131	126	121	114	107	50x40
40-250/220	22	30		160										155	153	152	151	146	141	135	130	122	50x40
50-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x50
50-250/150	15	20		130										124	123	122	120	117	113	108	102	92	50x50
50-250/185	18.5	25		145										139	138	137	136	131	126	121	114	107	50x50
50-250/220	22	30		160										155	153	152	151	146	141	135	130	122	50x50

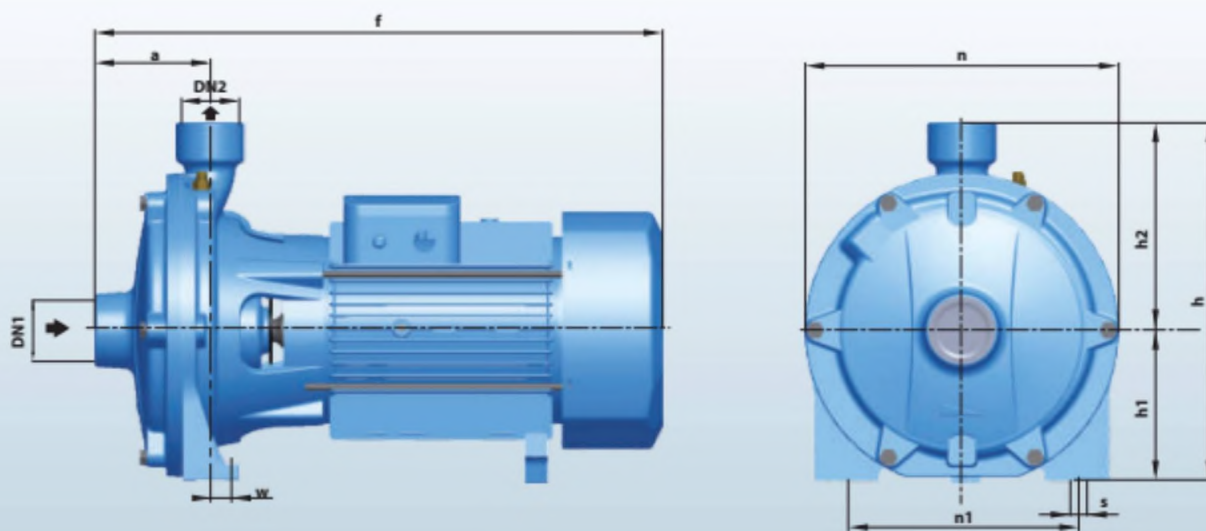
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MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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>	9	Wound Stator/Rotor <i>Estator/Rotor</i>	Silicon Steel/Copper <i>Acero al Si/Hicio/Cobre</i>	17	Terminal Box <i>Caja de Bomes</i>	Aluminum <i>Aluminio</i>
2	Impeller <i>Impulsor</i>	Brass <i>Bronce</i>	10	Motor Case <i>Cuerpo de Motor</i>	Aluminum <i>Aluminio</i>	18	Terminal Board <i>Tablero de Bomes</i>	Plastic <i>Plástico</i>
3	Mechanical Seal <i>Cierre Mecánico</i>	SiC/Carbon/SS304 <i>SiC-Grafito-Inox304</i>	11	Support Foot <i>Soporte Pie</i>	Plastic <i>Plástico</i>	19	Impeller Key <i>Chaveta Impulsor</i>	Iron <i>Hierro</i>
4	O-ring <i>Junta Tóries</i>	Rubber <i>Caucho</i>	12	Back Cover <i>Tapa Trasera</i>	Cast iron <i>Fundición</i>	20	Water Deflector <i>Deflector</i>	Rubber <i>Caucho</i>
5	Connection <i>Conexión</i>	Cast iron <i>Fundición</i>	13	Reinforced Seal <i>SeUo Reforzado</i>	Rubber <i>Caucho</i>	21	Release Valve <i>Tapón Cebado</i>	Brass <i>Bronce</i>
6	Reinforced Seal <i>SeNo Reforzado</i>	Rubber <i>Caucho</i>	14	Fan Cover <i>Tapa VentHador</i>	Aluminum <i>Aluminio</i>	22	Diffuser <i>Difusor</i>	Cast iron <i>Fundición</i>
7	Shaft <i>Eje</i>	SS304/45# Steel <i>Inox 304/45# Hierro</i>	15	Fan <i>VentHador</i>	Plastic <i>Plástico</i>	23	Impeller Nut <i>Tuerca de Impulsor</i>	Galvanized Steel <i>Acero Galvanizado</i>
8	Bearing <i>Rodam^{to}</i>	Ball Bearing <i>Bola Rodamiento</i>	16	Through Bolt <i>Pemo</i>	Steel <i>Acero</i>	24	Connection Bolt <i>Pemo</i>	Steel <i>Acero</i>

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL/MODELO		DIMENSIONS/ DIMENSIONES mm											kg	
Single-phase Three-phase		DN1	DN2	a	f	h	hi	h2	n	n!	w	s	┐	3-
Monofásico	Trifásico													
25-140/11	25-140/11	32	25	84	420	232	95	137	200	150	19	10	19.8	18.8
25-140/15	25-140/15	32	25	84	420	232	95	137	200	150	19	10	24	23
25-160/11	25-160/11	32	25	84	420	270	110	160	225	172	19	11	19.8	18.8
25-160/15	25-160/15	32	25	84	420	270	110	160	225	172	19	11	24.2	23.2
25-160/22	25-160/22	32	25	84	420	270	110	160	225	172	19	11	25.5	24.5
32-200/30	32-200/30	40	32	103	503	317	132	185	280	205	16	14	39	38
-	32-200/40	40	32	103	503	317	132	185	280	205	16	14	•	43
-	32-210/55	50	32	108	565	352	155	197	300	246	16	14	-	54
-	32-210/75	50	32	108	565	352	155	197	300	246	16	14	-	61
-	50-180/40-55-75	50	50	108	565	352	155	197	300	246	16	14	•	54
-	40-210/55-75	50	40	108	565	352	155	197	300	246	16	14	-	61
-	40-200/92	50	40	119	615	355	150	205	304	215	11	14	-	89
-	40-200/110	50	40	119	615	355	150	205	304	215	11	14	-	90
-	50-200/92	50	50	119	615	355	150	205	304	215	11	14	-	89
-	50-200/110	50	50	119	615	355	150	205	304	215	11	14	-	90
-	40-250/130	50	40	124	740	407	170	237	357	270	17	14	-	110
-	40-250/150	50	40	124	740	407	170	237	357	270	17	14	-	120
-	40-250/185	50	40	124	740	407	170	237	357	270	17	14	-	130
-	40-250/220	50	40	124	740	407	170	237	357	270	17	14	-	140
-	50-250/130	50	50	124	740	407	170	237	357	270	17	14	-	110
•	50-250/150	50	50	124	740	407	170	237	357	270	17	14	•	120
-	50-250/185	50	50	124	740	407	170	237	357	270	17	14	-	130
-	50-250/220	50	50	124	740	407	170	237	357	270	17	14	-	140



P2C

Double impeller centrifugal pump

Bomba centrífuga con doble impulsos



NEW/NUEVO

TECHNICAL DESCRIPTION

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

USING LIMITS

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

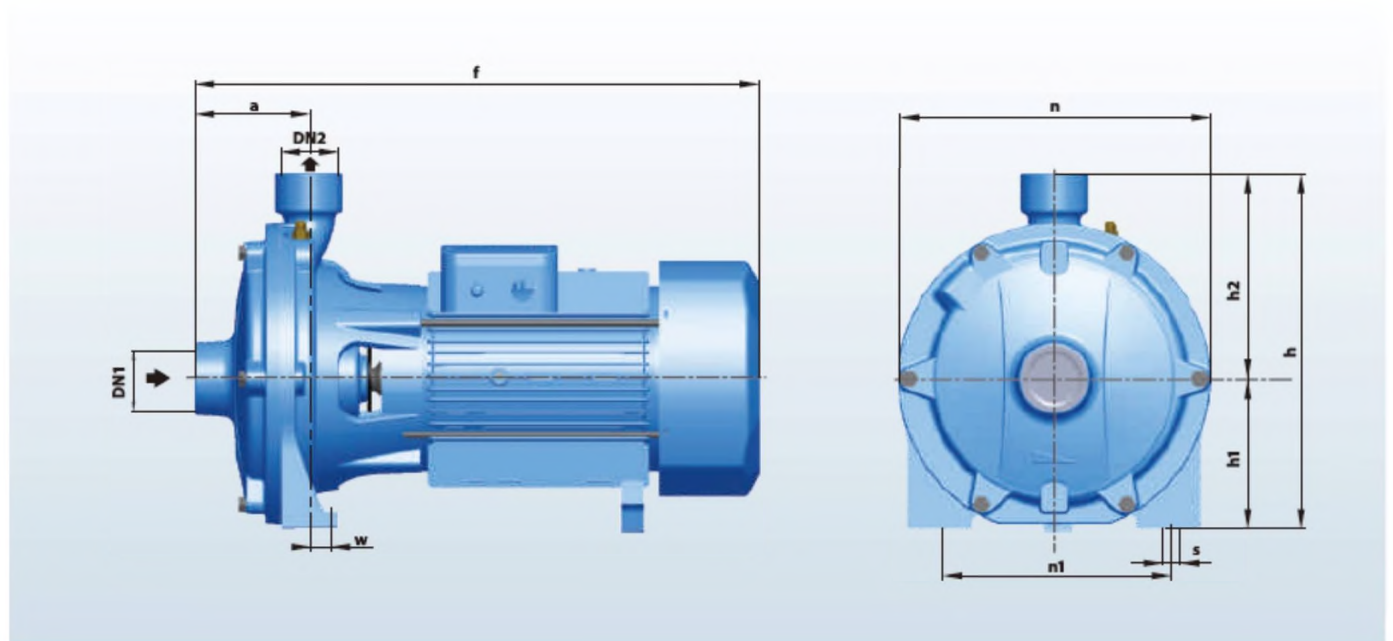
APPLICATIONS

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- The high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors; in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fighting sets.

No.	Description	Material	Nq	Description	Material	No.	Description	Material
	Descripción	Material		Descripción	Material		Descripción	Material

1	Pump Case	Cast iron	9	Wound Stator/Rotor	Silicon Steel/Copper	17	Terminal Box	Aluminum
	Cuerpo de Bomba	Fundición		Estator / Rotor	Acero al Silicio/Cobre		Caja de Bornes	Aluminio
2	Impeller	Brass	10	Motor Case	Aluminum	18	Terminal Board	Plastic
	Impulsor	Bronce		Cuerpo de Motor	Aluminio		Tablero de Bornes	Plástico
3	Mechanical Seal	SiC/Carbon /SS304	11	Support Foot	Plastic	19	Impeller Key	Iron
	Cierre Mecánico	SiC-Grafito-Inox304		Soporte Pie	Plástico		Chaveta Impulsor	Hierro
4	O-ring	Rubber	12	Back Cover	Cast iron	20	Water Deflector	Rubber
	Junta Tórica	Caucho		Tapa Trasera	Fundición		Deflector	Caucho
5	Connection	Cast iron	13	Reinforced Seal	Rubber	21	Release Valve	Brass
	Conexión	Fundición		Sello Reforzado	Caucho		Tapón Cebado	Bronce
6	Reinforced Seal	Rubber	14	Fan Cover	Aluminum	22	Diffuser	Cast iron
	Sello Reforzado	Caucho		Tapa Ventilador	Aluminio		Difusor	Fundición
7	Shaft	SS304/45# Steel	15	Fan	Plastic	23	Impeller Nut	Galvanized Steel
	Eje	Inox 304/45# Hierro		Ventilador	Plástico		Tuerca de Impulsor	Acero Galvanizado
8	Bearing	Ball Bearing	16	Through Bolt	Steel	24	Connection Bolt	Steel
	Rodamiento	Bola Rodamiento		Perno	Acero		Perno	Acero

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSION S / DIMENSIONES mm											kg	
Single-phase Three-phase		DN1	DN2	a	f	h	hi	h2	n	n1	w	s	ト	3~
Monofásico	Trifásico													
25-140/11	25-140/11	32	25	84	420	232	95	137	200	150	19	10	19.8	18.8
25-140/15	25-140/15	32	25	84	420	232	95	137	200	150	19	10	24	23
25-160/11	25-160/11	32	25	84	420	270	110	160	225	172	19	11	19.8	18.8
25-160/15	25-160/15	32	25	84	420	270	110	160	225	172	19	11	24.2	23.2
25-160/22	25-160/22	32	25	84	420	270	110	160	225	172	19	11	25.5	24.5
32-200/30	32-200/30	40	32	103	503	317	132	185	280	205	16	14	39	38
-	32-200/40	40	32	103	503	317	132	185	280	205	16	14	-	43
-	32-210/55	50	32	108	565	352	155	197	300	246	16	14	-	54
-	32-210/75	50	32	108	565	352	155	197	300	246	16	14	-	61
*	50-180/40-55-75	50	50	108	565	352	155	197	300	246	16	14	*	54
-	40-210/55-75	50	40	108	565	352	155	197	300	246	16	14	-	C1
-	40-200/92	50	40	119	615	355	150	205	304	215	11	14	-	89
-	40-200/110	50	40	119	615	355	150	205	304	215	11	14	-	90
-	50-200/92	50	50	119	615	355	150	205	304	215	11	14	-	89
-	50-200/110	50	50	119	615	355	150	205	304	215	11	14	-	90
-	40-250/130	50	40	124	740	407	170	237	357	270	17	14	-	110
-	40-250/150	50	40	124	740	407	170	237	357	270	17	14	-	120
-	40-250/185	50	40	124	740	407	170	237	357	270	17	14	-	130
-	40-250/220	50	40	124	740	407	170	237	357	270	17	14	-	140
-	50-250/130	50	50	124	740	407	170	237	357	270	17	14	-	110
-	50-250/150	50	50	124	740	407	170	237	357	270	17	14	-	120
-	50-250/185	50	50	124	740	407	170	237	357	270	17	14	-	130
-	50-250/220	50	50	124	740	407	170	237	357	270	17	14	-	140



Centrifugal pumps ACT

ACT Centrifugal Pumps Supporting Equipment Water Pump

Cast iron pump body and support under special antirust treatment

Brass impeller(stainless steel or PPO)

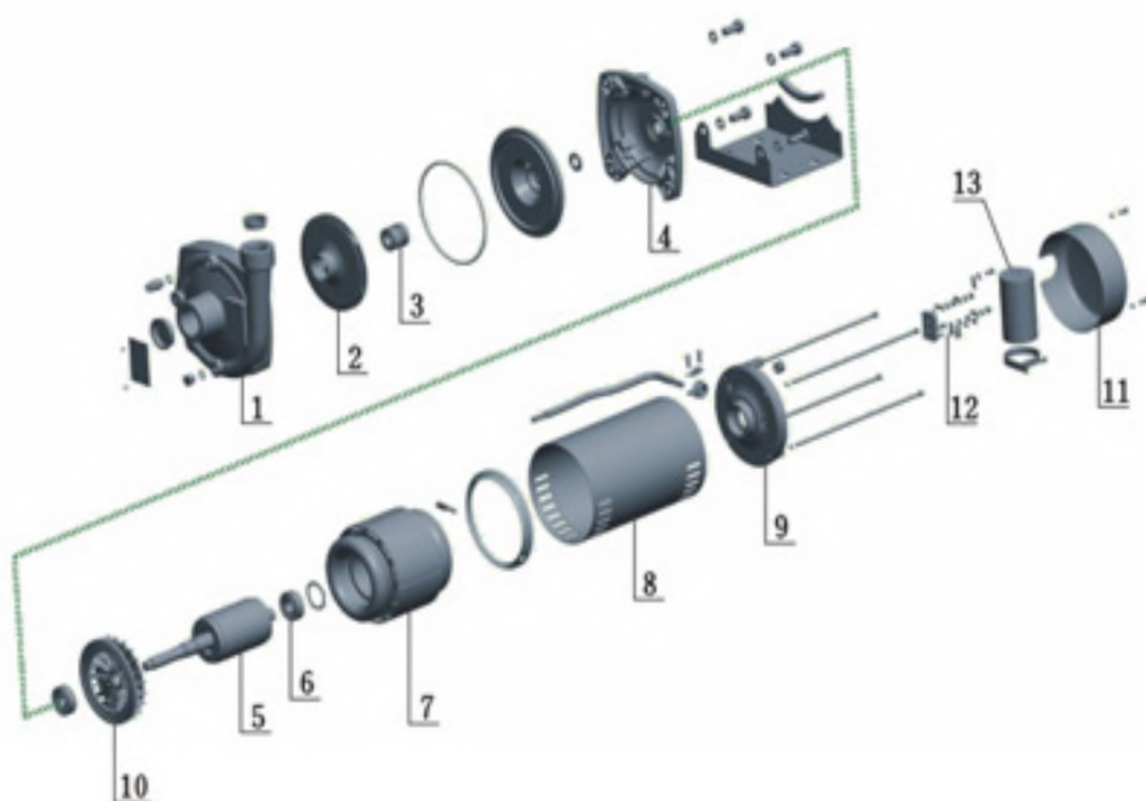
AISI 394 shaft

Max.liquid temperature:+60°C

Max.suction:+8m

Product Specification (50HZ)

Product Description



APPLICATION

It can be used to transfer clean water or other liquids similar to water in physical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air conditioning, circulation and pressure boosting for cold and hot water or supporting equipment, etc.

PUMP

Cast iron pump body and support under special antirust treatment

Brass impeller (stainless steel or PPO)

AISI 304 shaft

Max. liquid temperature: +60°C

Max. suction: +8m

MOTOR

C&U bearing

Motor with copper winding

Built-in thermal protector for single phase motor

Insulation class: F

Protection class: IP44

Max. ambient temperature: +40°C

MATERIALS TABLE

NO.	Part	Material
1	Pump Body	HT200
2	Impeller	Brass
3	Mechanical Seal	Carbon/Ceramic
4	Support	HT200
5	Shaft And Rotor	
6	Ball Bearing	
7	Stator	
8	Motor Case	Cast Iron
9	Motor Cover	Aluminum
10	Fan	PP
11	Fan Cover	
12	Terminal Board	PC
13	Capacitor	

TECHNICAL DATA

TOP GRADE

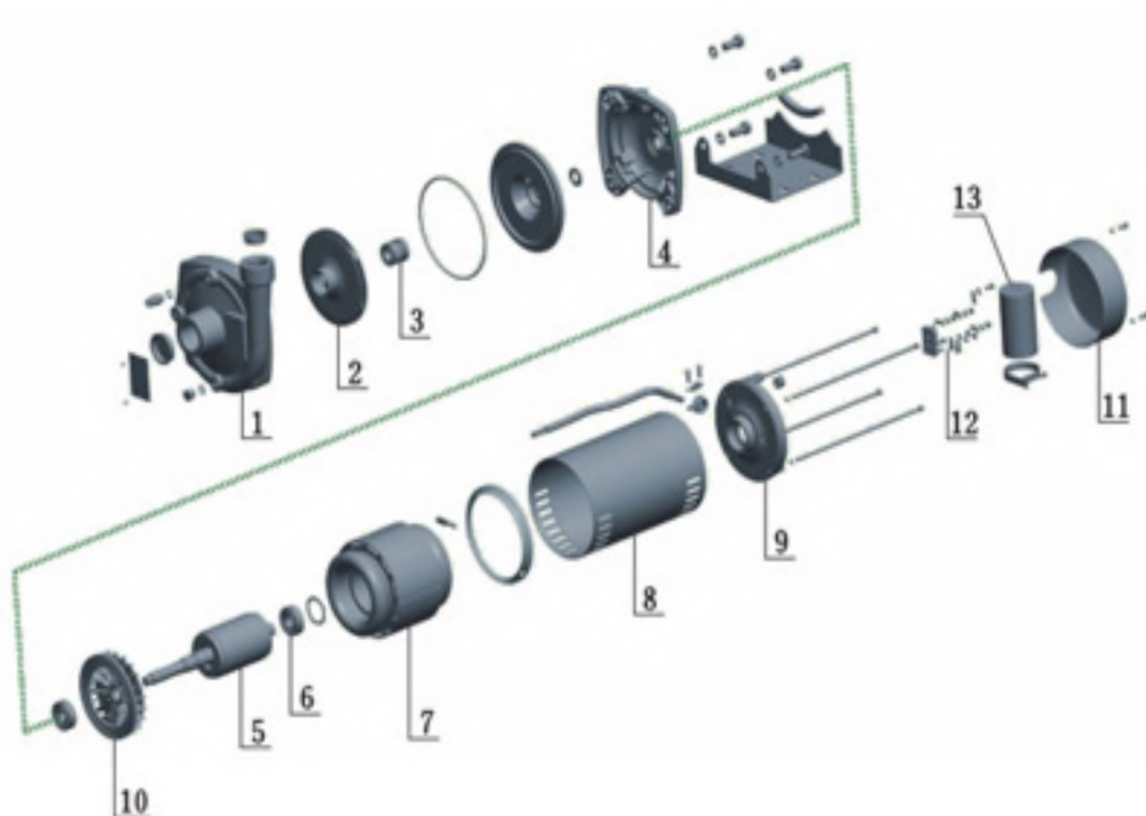


TER PUMP

NO.	MODEL	POWER		MAX. FLOW	MAX. HEAD	MAX. suer	G.W	INLET/ OUTLET
		KW	HP	(L/MIN)	(M)	(M)	(KG)	
A	ACT-05S	0.55	0.75	130	22	8	16.5	1.25" X1"
B	ACT-07S	0.75	1	140	26	8	17.5	1.25"X1"
C	ACT-10S	1.1	1.5	165	28	8	18.5	1.25"X1"
D	ACT-15S	1.5	2	170	35	8	19.5	1.25" XI"

Product Specification (60HZ)

Product Description



APPLICATION

It can be used to transfer clean water or other liquids similar to water in physical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water or supporting equipment, etc.

PUMP

Cast iron pump body and support under special antirust treatment
Brass impeller (stainless steel or PPO)
AISI 304 shaft
Max. liquid temperature: +60°C
Max. suction: +8m

MOTOR

C&U bearing

Motor with copper winding
Built-in theermal protector for single phase motor
Insulation class:F
Protection class:IP44
Max.ambient tempersture:+40°C

MATERIALS TABLE

NO.	Part	Material
1	Pump Body	HT200
2	Impeller	Brass
3	Mechanical Seal	Carbon/Ceramic
4	Support	HT200
5	Shaft And Rotor	
6	Ball Bearing	
7	Stator	
8	Motor Case	Cast Iron
9	Motor Cover	Aluminum
10	Fan	PP
11	Fan Cover	
12	Terminal Board	PC
13	Capacitor	

TECHNICAL DATA

TOP GRADE 雨 TER PUMP

NO.	MODEL	POWER		MAX. FLOW	MAX. HEAD	MAX. suer	G.W	INLET/ OUTLET
		KW	HP	(L/MIN)	(M)	(M)	(KG)	
A	ACT-05S	0.55	0.75	130	22	8	16.5	1.25" X1"
B	ACT-07S	0.75	1	140	26	8	17.5	1.25"X1"
C	ACT-10S	1.1	1.5	165	28	8	18.5	1.25"X1"
D	ACT-15S	1.5	2	170	35	8	19.5	1.25" XI"



Centrifugal pumps PST

Standard Centrifugal Monoblock Water Pump[PST60HZ]

- 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

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	Impeller Size					
	125	160	200	250	250D	315
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
100		Cast iron	Cast iron	Cast iron	/	Cast iron
125			Cast iron	Cast iron	/	Cast iron
150			Cast iron	Cast iron	/	Cast iron
200				Cast iron	/	Cast iron
250					/	Cast iron

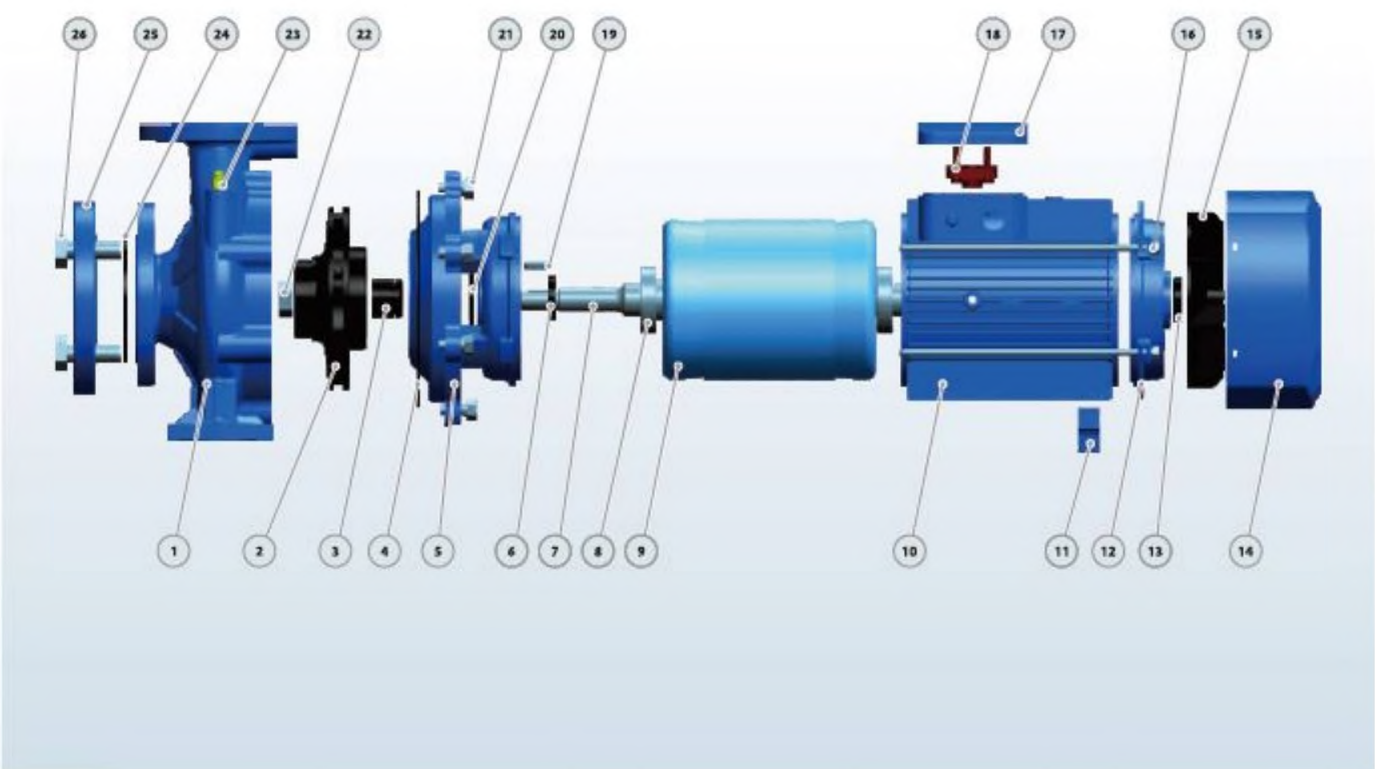
Technical Data 60Hz n=3500 1/min

MODEL MODELO	Power Potencia		us 5pm l/min	Q=DEUVERY/ CAUDAL																	DN	
				0	264	3%	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	m³/h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000	mm
80*16<yno •	11	15	H(m)	27	27	273	24.5	2 L1	16												100x80	
80*160/150 •	15	20		3Z8	326	325	302	27	22.1	18.5	16.7										100x80	
80-16<y185 •	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	4L7	3&6	33名	303	28.5										100x80	
8020Q/220 •	22	30		48	47.7	47.5	43.5	392	32.5	272	24.5										100x80	
80-200/300 •	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5										100x80	
80-25Q/370 •	37	SO		7L5	70S	705	65.5	593	51	432	38.5										100x80	
80-250/450 •	45	60		88	86.7	86	83.6	785	70.5	60	51										100x80	
8025Q/550 •	55	75		94.5	94.5	94.5	9L8	87	79.5	72.1	683										100x80	
80*315/450 •	45	60		85	84	8Z6	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	1073	100	95	90	8a8								100x80	
80-315/900 •	90	125		144	143	141.6	141	137	1273	120	115	110	100^								100x80	
100-160/150 •	15	20		35	33.5	325	30	27名	24.5	21.5	20	183	15								125x100	
100-16Q/1S5 •	18.5	25		38.5	37.5	36.5	343	322	29	25.7	24	22	18								125x100	
100-160/220 •	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	357	33^	3L7	28.5	26.8	26	25	22.9	16.3	13						125x100	
100-20Q/300 •	30	40		44.5	42.5	42	402	犯8	36.7	342	33	3L7	29	2L7	18						125x100	
100-20Q/370 •	37	50		55	S3	51	Sd6	492	47	45	44	4Z8	405	3Z8	29						125x100	
100-2 5Q/450 •	45	60		65	65	64	63	61	58	56	55	533	50	39	315						125x100	
100-2 5Q/550 •	55	75		77	76	75.5	75	73.8	72	71.7	71.5	707	69	623	59						125x100	
100*250/750 •	75	100		91	91	905	89.7	88	85.5	84	833	8L5	78	7L7	68.5	48					125x100	
100315/550 •	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	
100-31VU00 •	110	150		138			136.5	134.7	132	131	130.8	130.5	1287	126	124	118					125x100	
125-20Q/450 •	45	60		39.8			393	392	39	38.9	38.9	38.8	37.5	35	34	28.6	25				150x125	
125-20Q/550 •	55	75		49J			493	492	49	48.9	48.9	4B.8	47.5	45	44	38.6	35				150x125	
125-20Q/750 •	75	100		60<8			603	602	€0	59.9	59.9	59月	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	
125-250/1100 •	110	150		97			94	92	91	90	89	88	87	84.6	819	80.4	76				150x125	
125*315/900 •	90	125		89						87	86	85	83.7	8L5	81	77	74	61			150x125	
12S-31VU00 •	110	150		103						101	100	99	97月	95.5	95	9L5	882	75.6			150x125	
125-315/1320 •	132	180		118						116	115	114	112.5	lias	1103	106.5	1032	91			150x125	
125-315/1600 •	160	220		138						136^	135.9	135	133.7	1315	131	127.5	1242	112			150x125	
150-20Q/750 •	75	100		50								48	47.9	47.6	472	46.7	46.4	40.6	36.8	252	200x150	
150-200/900 •	90	125		56								54	53.9	516	512	S2.7	52.4	48	428	3L2	200x150	
150-20Q/1100 •	110	150		652								62	617	612	608	59.8	592	572	S4	46	200x150	
150-250/1100 ■	110	150		67											6<2	62	60.6	55.8	49.8	33f	200x150	
150-25Q/1320 •	132	180		802											782	763	75	70.6	65	502	29.8	200x150
150-250/1600 •	160	220		90											88.4	87	86	82	772	624	42	200x150
150-315/1600 •	160	220		92											90	88.3	872	82.8	76.8	6a4	200x150	
150-315/2000 •	200	270		111											11tt6	10&7	107.4	103.4	982	83.4	622	200x150
150-315/2500 •	250	340		135											135.4	133.7	1326	128.6	123J	1102	91	200x150

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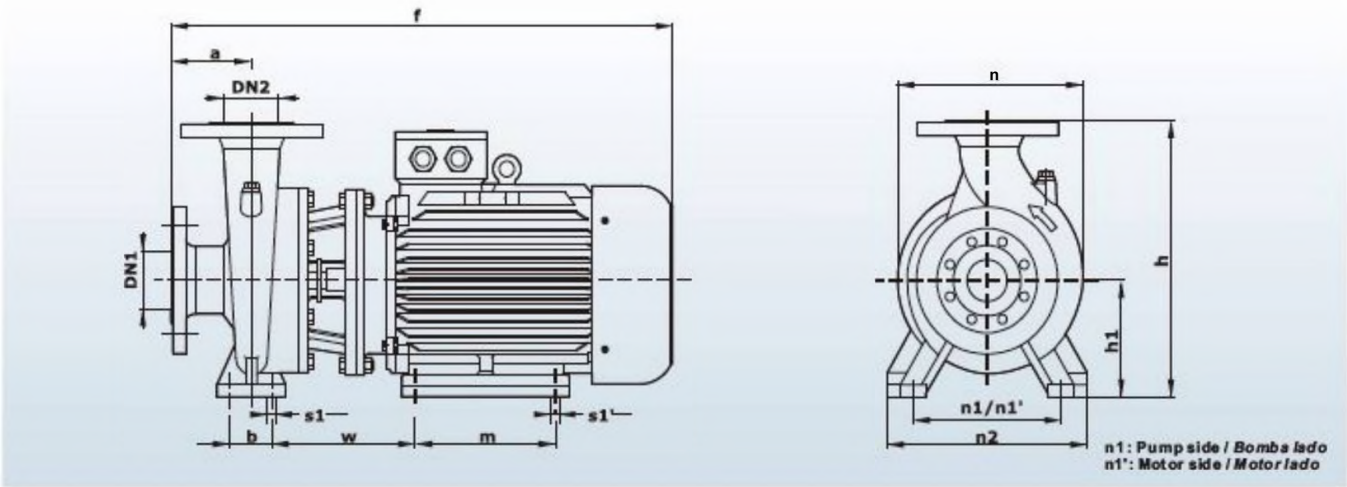
Other Sizes Can Provide On Request.

Material Description



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

Dimensions And Weight



MODEL /MODELO Three-phase Трёхфазное	DIMENSIONS / DIMENSIONES mm															kS 3~			
	DN1	DN2	a	f	h	hi	n	n1	ΠΓ	n2	b	w	m	s!	sV				
65-250/220	80	65	116	870	420	180	369	260	279	320	70	246	241	18	15	210			
SS-250/300																		19	230
6S-250/370								990	456	195			250		318	327		293	305
80-200/220	100	80	118	880	460	2S0	360		279	260	95	258		20		212			
80*200/300																			
助.250/370					950			310	318	310			228		305		19	245	
80-2S0/450			130		9B0	537			490			356			229	311		38S	
助.250/550						1160			406			363	349			24	497		
100-200/220						910				279			256		305		217		
100-200/300	125	100	140	102S	S30	225	422	324	02	115	248	241	18	15	227				
100-200/370															250				
100-250/450						1000					356		224	311	19	390			
100*250/550						nao	580	250	418	310	406	402	95	325	349	20	503		
100-250/750						1250		280			436					20	535		



Centrifugal pumps P2C

[P2C] Double-impeller horizontal centrifugal pump

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

Double impeller Centrifugal pump

Technical Data

Lift range:4-16BAR

Flow range:27m³/h



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

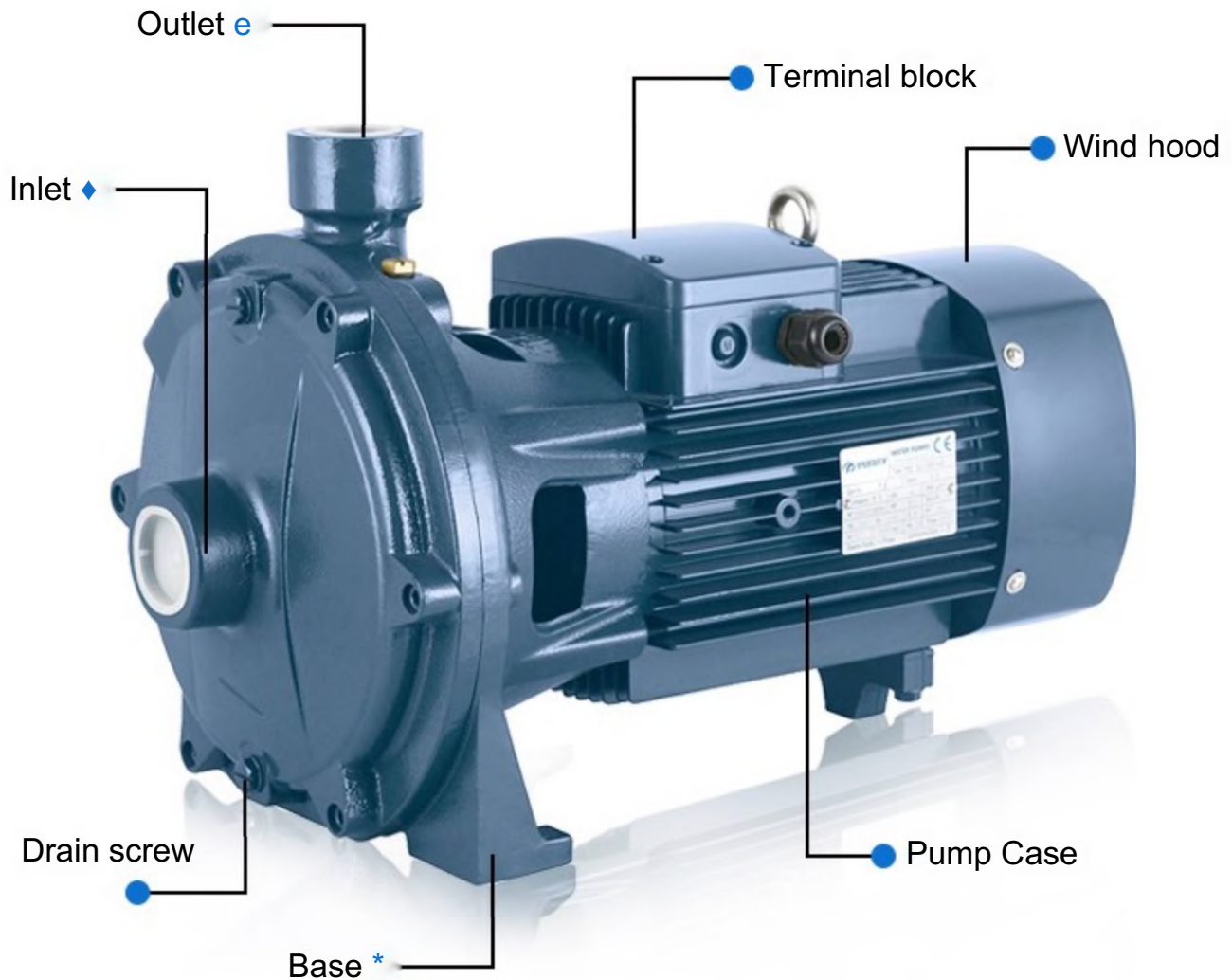


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION



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

TECHNICAL DATA / DATOS TÉCNICOS

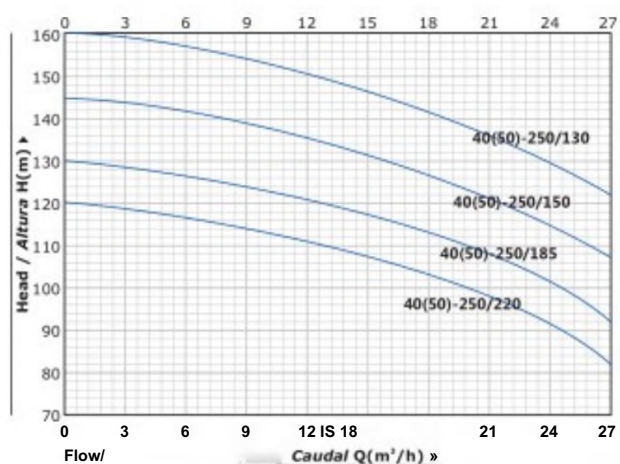
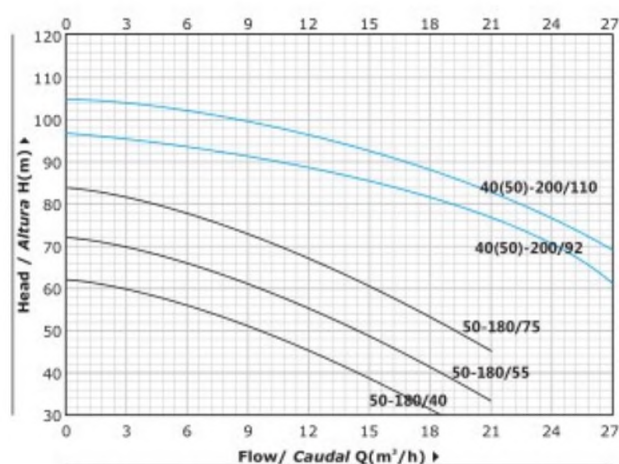
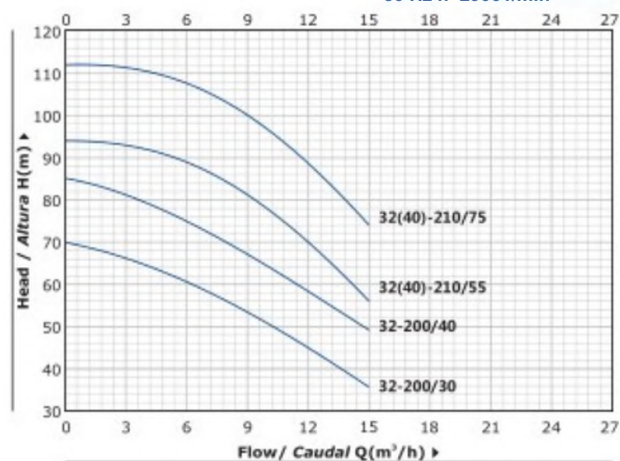
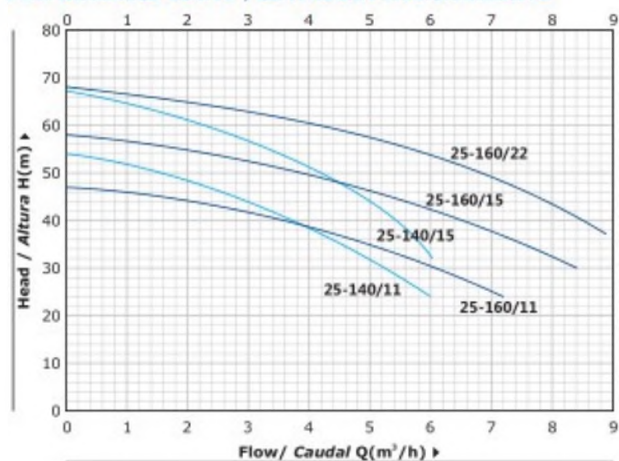
50 Hz n=2900 1 /min

MODEL MODELO	Power Potencia		l/min	^DELIVERY 1 CAUDAL																			DN
				0	40	50	60	70	80	90	100	110	120	140	160	180	200	250	300	350	400	450	
	kw	hp	m³/h	0	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15	18	21	24	27	mm
25140/11	1.1	1.5	n(m)	54	47.5	44.5	41	37	33	28	22												32x25
25-140/15	1.5	2		67	60	57	54	50	45	40	32												32x25
25-160/11	11	1.5		47	44	42	40	38	35	33	30	27	24										32x25
25-160/15	1.5	2		58	54	53	51	49	47	45	43	40	37	30									32x25
25-160/22	2.2	3		68	64.5	63	62	60	58	S6	54	51	48	41	32								32x25
32-200/30	3	4		70					63	62	60.5	59	57	55	52	49.5	46.S	36					40x32
32-200/40	4	S.5		8S					77	76	75	74	72	69	66	62	58	49					40x32
32-210/SS	S.5	7.S		94					91	90	89	87	85	83	79	75	70	56					50x32
32-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x32
40-210/55	5.5	7.5		94					91	%	89	87	85	83	79	75	70	56					50x40
40-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x40
50-180/40	4	5.5		62					59	58	57	56	55	55	SO	48	44	36	31	23			50x50
50-180/55	5.5	7.5		72					69	68	67	66	65	6S	60	S8	54	46	41	33			50x50
50-180/75	7.5	10		84					81	80	79	78	76	75	72	72	66	58	S3	45			50x50
40-200/92	9.2	12.5		97										91.S	91	90	88	8S	80	74	68	61	50x40
40-200/110	11	IS		105										100	99	98	97	93	88	83	76	69	50x40
50-200/92	9.2	12.5		97										91.5	91	90	88	85	80	74	63	61	SOxSO
50-200/110	11	15		105										100	99	98	97	93	88	83	76	69	50x50
40-2S0/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x40
40-250/150	15	20		130										124	123	122	120	117	113	108	102	92	50x40
40-250/185	18.5	25		145										139	B8	137	136	131	126	121	114	107	50x40
40-250/220	22	30		160										155	153	1S2	151	146	141	135	130	122	50x40
50-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x50
S0-250/1S0	15	20		130										124	123	122	120	117	113	108	102	92	50x50
50-2S0/185	18.5	25		145										139	138	137	136	131	126	121	114	107	SOxSO
50-250/220	22	30		160										155	153	152	151	146	141	135	130	122	SOxSO

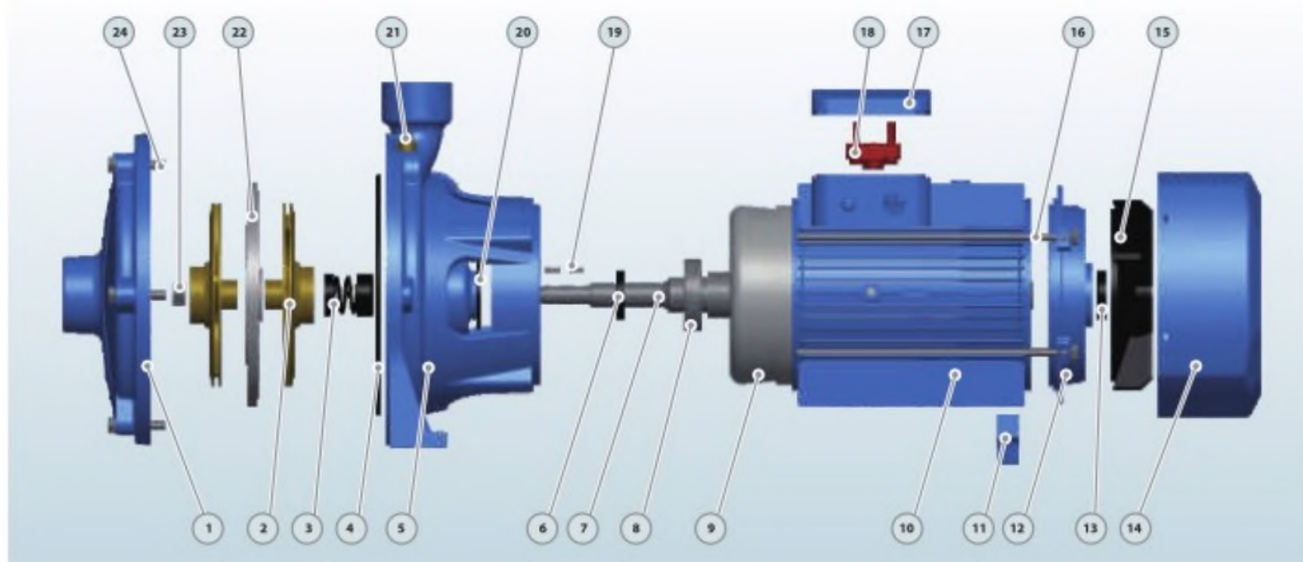
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PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

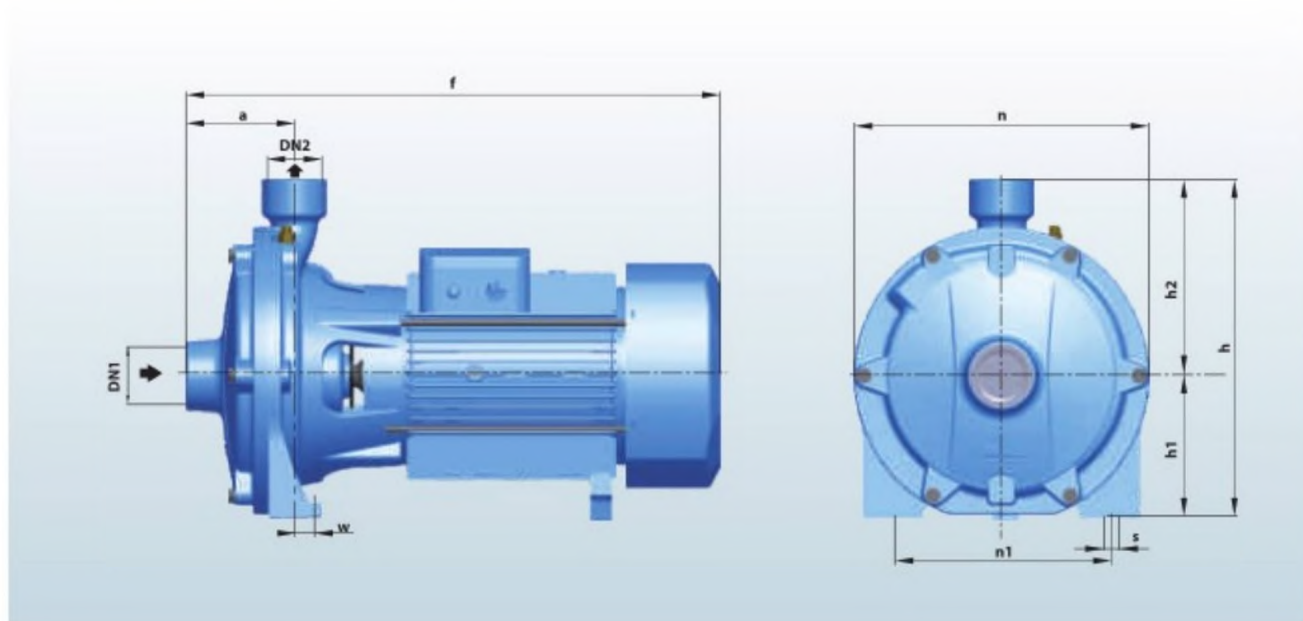
50 Hz n=29001/min



MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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



MODEL / MODELO		DIMENSIONS 1 DIMENSIONES mm											kg	
Single-phase Monofásico	Three-phase Trifásico	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	1	3-
25-140/11	25-140/11	32	25	84	420	232	95	137	200	150	19	10	19.8	18.8
25-140/15	25* 140/15	32	25	84	420	232	95	137	200	150	19	10	24	23
2S160/11	25-160/11	32	25	84	420	270	110	160	225	172	19	11	19.8	18.8
2S-160/15	25-160/1S	32	25	84	420	270	110	160	225	172	19	11	24.2	23.2
2S-160/22	25-160/22	32	25	84	420	270	110	160	225	172	19	11	25.5	24.5
32-200/30	32200/30	40	32	103	S03	317	132	185	280	205	16	14	39	38
-	32-200/40	40	32	103	503	317	132	18S	280	205	16	14	-	43
-	32*210/55	50	32	108	565	352	15S	197	300	246	16	14	-	54
-	32-210/75	V)	32	108	565	352	155	197	300	246	16	14	-	61
-	50-18Q/40-55-75	V)	50	108	565	352	155	197	300	246	16	14	-	54
-	40-210/SS-7S	SO	40	108	S6S	352	155	197	300	246	16	14	-	61
-	40-200/92	50	40	119	615	355	150	205	304	215	11	14	-	89
-	40-200/110	50	40	119	615	355	150	205	304	215	11	14	-	90
-	S0-200/92	SO	SO	119	615	35S	150	205	304	215	11	14	-	89
-	S0-200/110	50	SO	119	615	355	150	205	304	215	11	14	-	90
-	40-250/130	SO	40	124	740	407	170	237	357	270	17	14	-	110
-	40-250/150	50	40	124	740	407	170	237	3S7	270	17	14	-	120
-	40*250/185	50	40	124	740	407	170	237	357	270	17	14	-	130
-	40-250/220	^0	40	124	740	407	170	237	357	270	17	14	-	140
-	SO-250/130	^0	50	124	740	407	170	237	357	270	17	14	-	110
-	50-250/150	SO	50	124	740	407	170	237	357	270	17	14	-	120
-	SO-2SO/18S	50	50	124	740	407	170	237	357	270	17	14	-	130
-	50-250/220	SO	50	124	740	407	170	-	357	270	17	14	-	140

Double impeller Centrifugal pump

Technical Data

Lift range:4-16BAR

Flow range:27m³/h



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

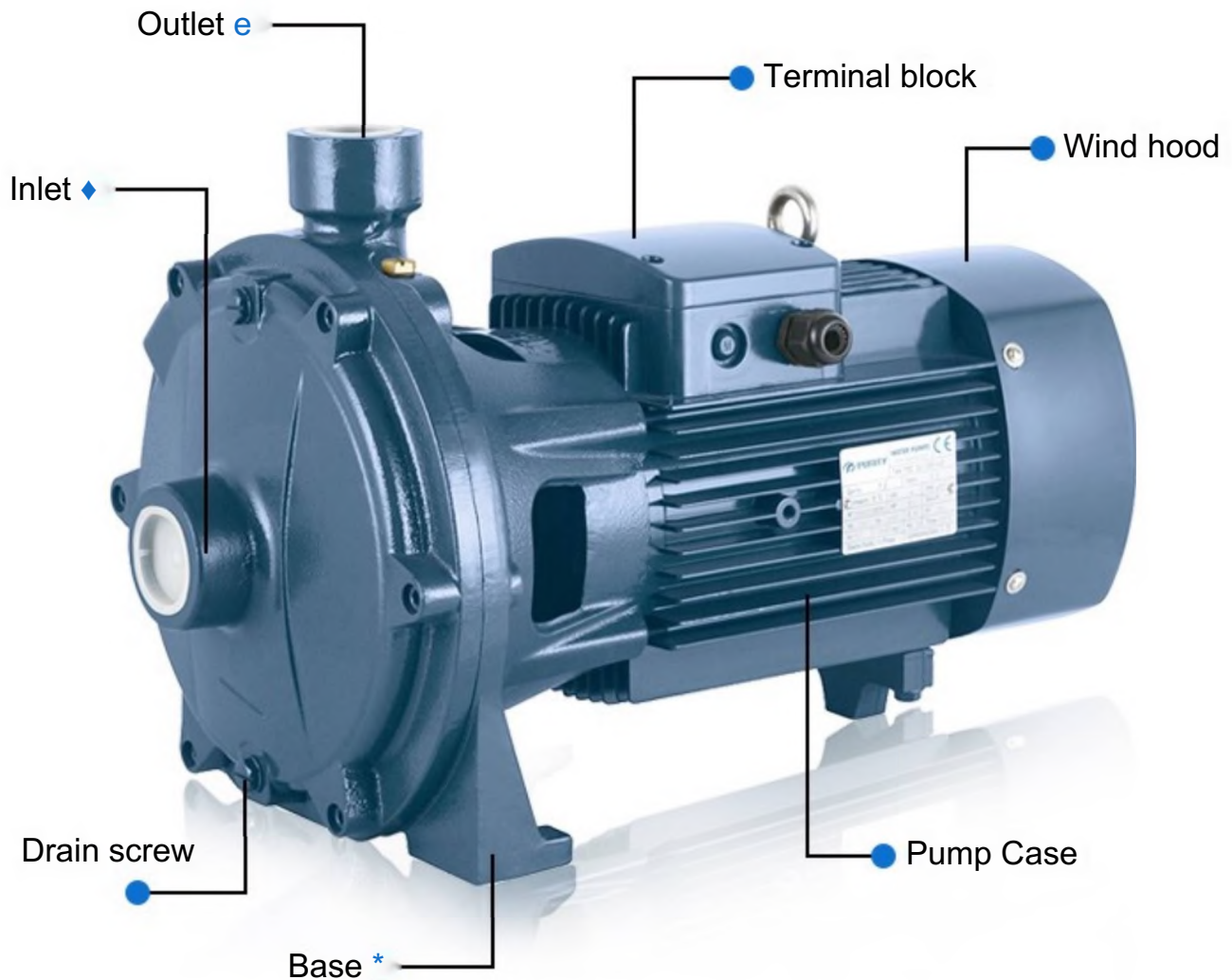


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION



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

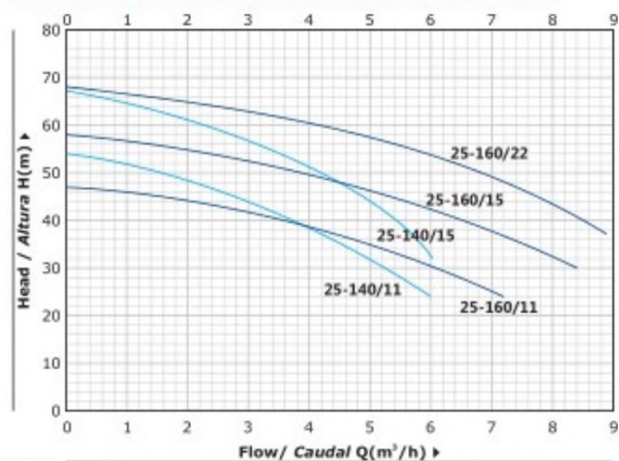
TECHNICAL DATA / DATOS TÉCNICOS

60 HZ n=3500 1/min

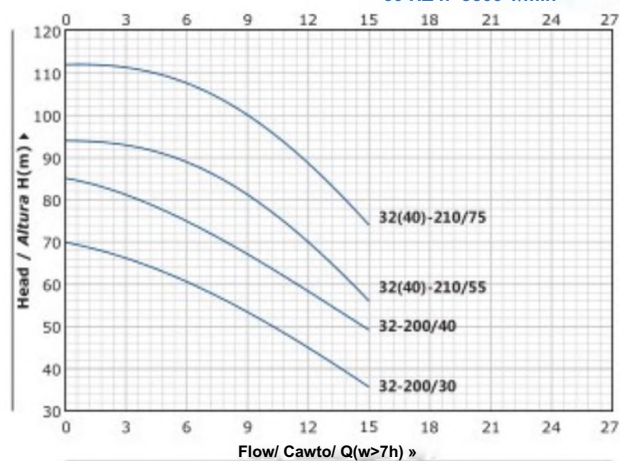
MODEL MODELO	Power Potencia		l/min	Q-DELIVERY / CAUDAL																				DN
	kw	hp		●	40	50	60	70	80	90	100	110	120	140	160	180	200	250	300	350	400	450		
			m³/h	0	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15	18	21	24	27	mm	
25-140/11	1.1	1.5	"(m)	54	47.5	44.5	41	37	33	28	22												32x25	
25-140/15	1.5	2		67	60	57	54	50	45	40	32												32x25	
25-160/11	1.1	1.5		47	44	42	40	38	35	33	30	27	24										32x25	
25-160/15	L5	2		58	54	53	SI	49	47	45	43	40	37	30									32x25	
25-160/22	22	3		68	64.5	63	62	60	58	56	54	51	48	41	32								32x25	
32-200/30	3	4		70					63	62	60.5	59	57	55	52	49.5	46.5	36					40x32	
32-200/40	4	S.S		8S					77	76	75	74	72	69	66	62	S8	49					40x32	
32210/55	5.5	7.5		94					91	90	89	87	8S	83	79	75	70	56					50x32	
32 210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x32	
40-210/SS	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56					50x40	
40-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x40	
50-180/40	4	5.5		62					59	S8	57	56	55	55	50	48	44	36	31	23			50x50	
50-180/55	5.5	7.5		72					69	68	67	66	65	65	60	S8	S4	46	41	33			50x50	
50-180/75	7.5	10		84					81	80	79	78	76	75	72	72	66	58	S3	45			50x50	
40-200/92	9.2	12.5		97										91.S	91	90	88	8S	80	74	68	61	S0x40	
40-200/110	11	15		10S										100	99	98	97	93	88	83	76	69	50x40	
50-200/92	9.2	12.5		97										91.5	91	90	88	85	80	74	68	61	SOxSQ	
SO-200/110	11	15		105										100	99	98	97	93	88	83	76	69	50x50	
40-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x40	
40250/1S0	15	20		130										124	123	122	120	117	113	108	102	92	50x40	
40-250/185	18.5	25		145										139	138	137	136	131	126	121	114	107	50x40	
40-250/220	22	30		160										155	153	152	1S1	146	141	135	130	122	50x40	
50-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x50	
50-2S0/150	15	20		130										124	123	122	120	117	113	108	102	92	50x50	
50-250/185	18.5	25		145										139	138	137	136	131	126	121	114	107	50x50	
50-250/220	22	30		160										155	153	152	1S1	146	141	135	130	122	50x50	

We reserve the technique modification right No\$ raervamos d dtrecho de la modificaci6n tcnica

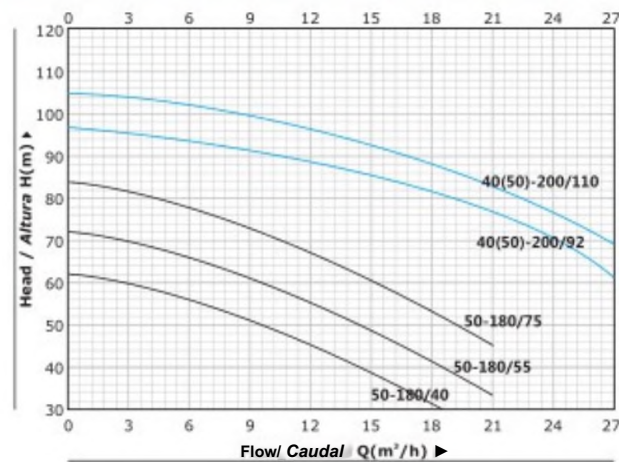
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO



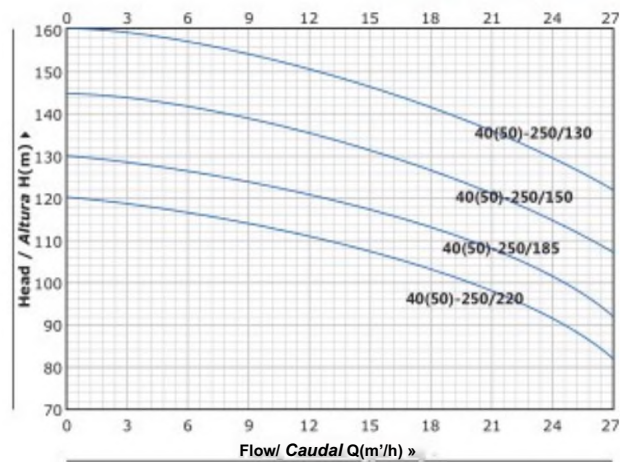
60 HZ n=3500 1/min



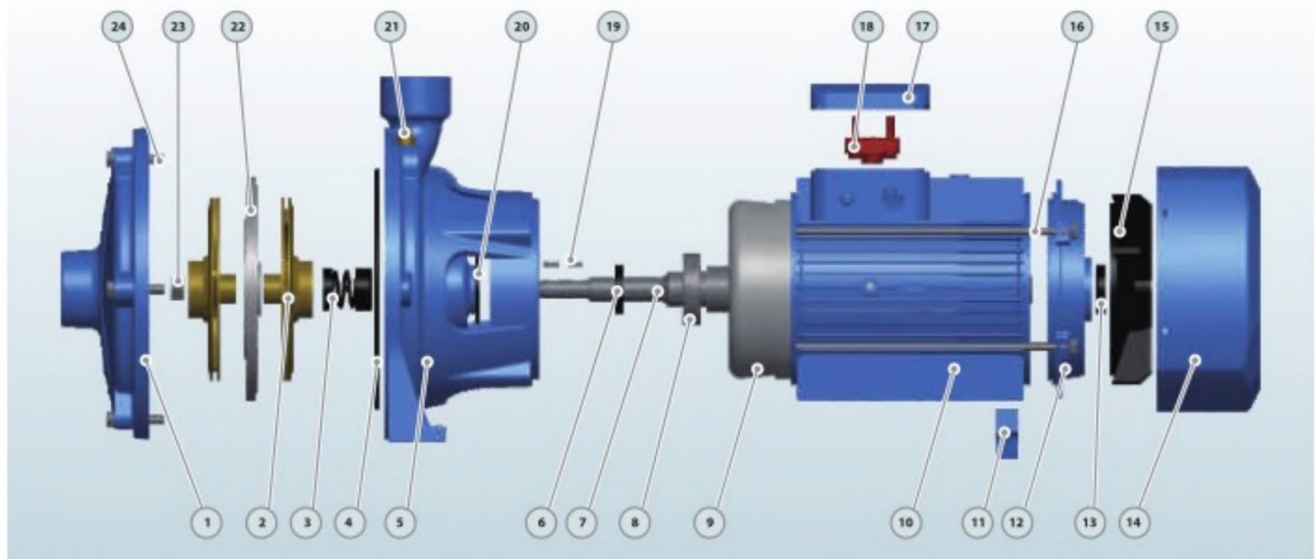
PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO



60 HZ n=3500 1/min

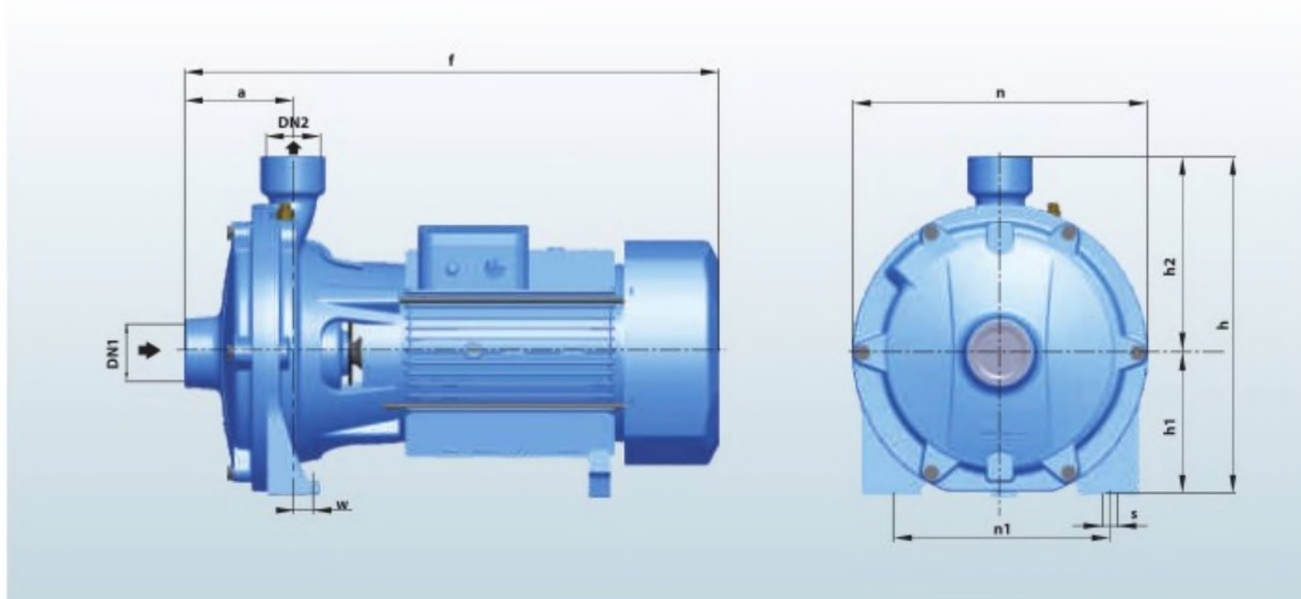


MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	9	Wound Slaton Rotor Estator f Rc/tor	Silicon Steel Acero al Silicio/Cobre	17	Terminal Box Caja de Bomes	Aluminum Aluminio
2	Impeller Impulsor	Brass Bronce	10	Motor Case Cuerpo de Motor	Aluminum Aluminio	18	Terminal Board Tabla de Bomes	Plastic Plástico
3	Mechanical Seal Cierre Mecánico	SiO2/Carbón/VSS304 SC-Grain/Carbon/304	11	Support Foot Soporte Pre	Plastic Plástico	19	Impeller Key CVta de Impulsor	Iron Hierro
4	O-ring Junta Tórica	Rubber Caucho	12	Back Cover Tapa Trasera	Cast iron Fundición	20	Water Detector Defector	Rubber Caucho
5	Connection Conexión	Cast iron Fundición	13	Reinforced Seal Sello Reforzado	Rubber Caucho	21	Release Valve Tapón Cebado	Brass Bronce
6	Reinforced Seal Sello Reforzado	Rubber Caucho	14	Fan Cover Tapa Ventilador	Aluminum Aluminio	22	Diffuser Difusor	Cast iron Fundición
7	Shaft Eje	SS304/45# Steel Inox 304/45# Hierro	15	Fan Ventilador	Plastic Plástico	23	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	16	Through Bolt Perno	Steel Acero	24	Connection Bolt Perno	Sled Acero

DIMENSIONS AND WEIGHT *IDIMENSIONES Y PESOS*



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm											kg	
Single-phase Monofasico	Three-phase Trifasico	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	1	3-
25.140/11	25140/11	32	25	84	420	232	95	137	200	150	19	10	19.8	18.8
2S140/15	25140/1S	32	25	84	420	232	95	137	200	150	19	10	24	23
2S-160/11	25-160/11	32	25	84	420	270	110	160	225	172	19	11	19.8	18.8
2S-160/15	2S-160/1S	32	25	84	420	270	110	160	225	172	19	11	24.2	23J
2S160/22	2S-160/22	32	25	84	420	270	110	160	22S	172	19	11	25.5	24.5
32-200/30	32-200/30	40	32	103	S03	317	132	185	280	20S	16	14	39	38
-	32-200/40	40	32	103	S03	317	132	18S	280	20S	16	14	.	43
-	32*210/55	40	32	108	S6S	3S2	15S	197	300	246	16	14	-	54
-	32-210/75	50	32	108	565	352	155	197	300	246	16	14	.61	
-	50-18Q/40-55-75	SO	40	108	565	352	155	197	300	246	16	14	.	54
-	40-210/55-75	50	40	108	565	352	155	197	300	246	16	14	.61	
-	40-200/92	SO	40	119	615	355	150	205	304	215	11	14	.	89
-	40-200/110	50	40	119	615	355	150	205	304	215	11	14	.	90
-	50-200/92	SO	50	119	615	35S	150	205	304	215	11	14	.	89
-	50-200/110	SO	50	119	61S	35S	150	205	304	215	11	14	-	90
-	40-250/130	50	40	124	740	407	170	237	357	270	17	14	- 110	
-	40-250/150	50	40	124	740	407	170	237	3S7	270	17	14	• 120	
-	40*250/185	SO	40	124	740	407	170	237	357	270	17	14	•	130
-	40-250/220	VJ	40	124	740	407	170	237	357	270	17	14	.	140
-	SO-250/130	50	VJ	124	740	407	170	237	357	270	17	14	.	110
-	50-250/150	SO	SO	124	740	407	170	237	357	270	17	14	. 120	
-	50250/185	SO	50	124	740	407	170	237	357	270	17	14	.	130
-	50-250/220	50	50	124	740	407	170	237	357	270	17	14	.	140



Centrifugal pumps PZ

PZB STAINLESS STEEL CENTRIFUGAL PUMPS

TECHNICAL DESCRIPTION

- New stainless steel standard pump
- Original design by PURITY
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case in stainless steel AISI 304
- Impeller in stainless steel AISI 304
- Shaft in stainless steel AISI 304
- Quality NSK bearing, wear resistance mechanical seal



PZ

Stainless steel standard pump

Bomba normalizada en acero inoxidable



NEW/NUEVO

TECHNICAL DESCRIPTION

- New stainless steel standard pump
- Original design by PURITY
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case in stainless steel AISI 304
- Impeller in stainless steel AISI 304
- Shaft in stainless steel AISI 304
- Quality NSK bearing, wear resistance mechanical seal

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

- Used for: water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural applications.
- Suitable for use with clean, aggressive liquids that are chemically compatible with the materials from which the pump is made.
- The pumps must be installed in enclosed places, or at least protected against inclement weather.

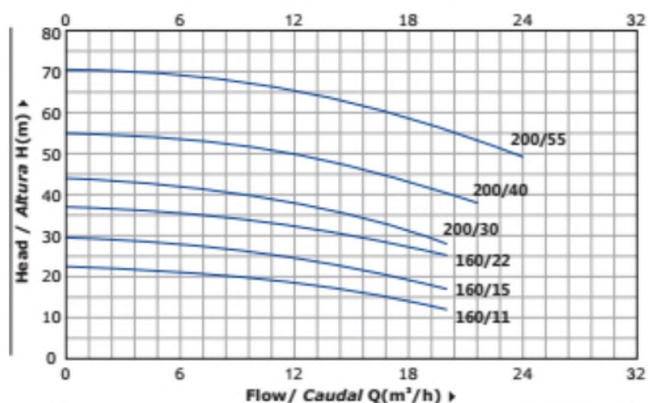
TECHNICAL DATA/DATOS TECNICOS

50HZ n=2900 l/min

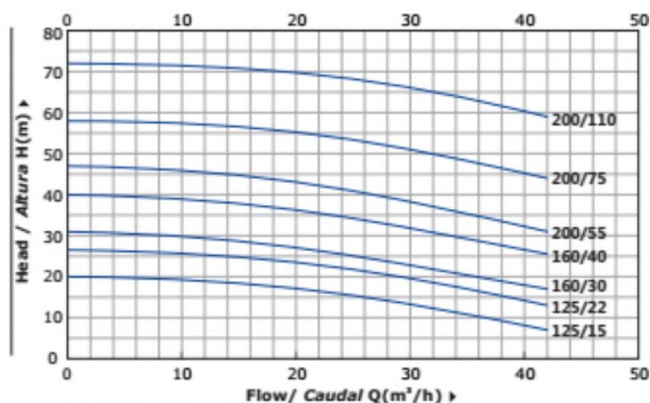
MODEL N/DELO	Power Potencia		L/min	Q=DELIVERY / CAUDAL																		DN		
	kw	hp		m³/h	0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600		3800	4000
			mm		0	9	12	18	20	24	36	42	54	72	114	126	132	138	150	204	216	228	240	mm
32-160/11	1.1	1.5		22.5	19.9	18.4	14.1	12															50x32	
32-160/15	1.5	2		29.5	26.5	24.5	19.2	17															50x32	
32-160/22	2.2	3		37	34	32	27	25															50x32	
32-200/30	3	4		44	40	37.5	31	28															50x32	
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37														50x32	
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51														50x32	
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7												65x40	
40-125/22	2.2	3		26.5		25.5	24	23.5	22	16.4	13												65x40	
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17												65x40	
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5												65x40	
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31												65x40	
40-200/75	7.5	10		58		57	55.5	55	53.5	47.5	44												65x40	
40-200/110	11	15		72		71	70	70	68.5	63	59												65x40	
50-125/22	2.2	3		19					17.5	14.9	13.4	10.7											65x50	
50-125/30	3	4		22					20.5	18.4	17	14.4	8										65x50	
50-125/40	4	5.5		26.5					26	24	22.5	20.5	14										65x50	
50-160/55	5.5	7.5		33					31	28.5	27	24.5	18										65x50	
50-160/75	7.5	10		40					38.5	36	35	32.5	26										65x50	
50-200/92	9.2	12.5	H(m)	53						49	47.5	44.5	34										65x50	
50-200/110	11	15		59							55	54	51	42									65x50	
50-200/150	15	20		72							69	68	65	57									65x50	
65-125/40	4	5.5		22.2						19.8	19	17.3	13.5	6.3									80x65	
65-125/55	5.5	7.5		27							24	22.2	18.5	10.8	8								80x65	
65-125/75	7.5	10		32							29.5	27.8	24	16.1	13.4	12							80x65	
65-160/92	9.2	12.5		36.5							34.5	32.8	29	21.1	18.3	16.8							80x65	
65-160/110	11	15		40.5							38.5	37.1	33.5	25.8	23	21.5	20						80x65	
65-160/150	15	20		48							45.5	44	40.5	32.6	29.6	28	26.5						80x65	
65-200/150	15	20		53.5							51	49	44.5	35.3	31.8	30							80x65	
65-200/185	18.5	25		60.5							58.5	56.5	52	43	39.7	38	36.3						80x65	
65-200/220	22	30		67							65.5	64	60	51	48	46.5	45						80x65	
80-160/110	11	15		29										27.5	24.2	23	22.4	21.8	20.4	12.5			100x80	
80-160/150	15	20		35										34.5	31.5	30.5	30	29.4	28.1	21	19.1	17	100x80	
80-160/185	18.5	25		40										39.5	36.7	35.7	35.2	34.7	33.5	26.4	24.4	22.3	20	100x80
80-200/220	22	30		50										48.5	44.5	43	42	41	39	27.8	25			100x80
80-200/300	30	40		60										59	56	54.5	54	53	51	41.5	39	36.1	33	100x80

PERFORMANCE CURVE / CURVAS DE FUNCIONAMIENTO

50 Hz n=2900 1/min

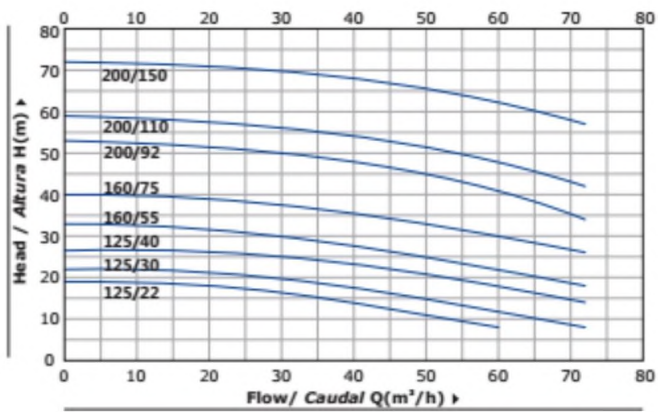


PZ 32

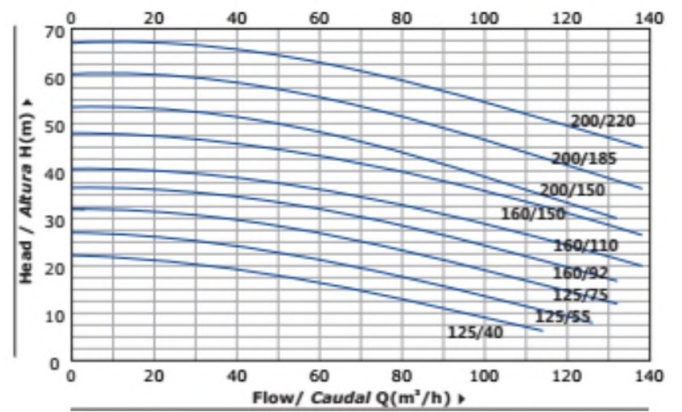


PZ 40

50 Hz n=29001/min

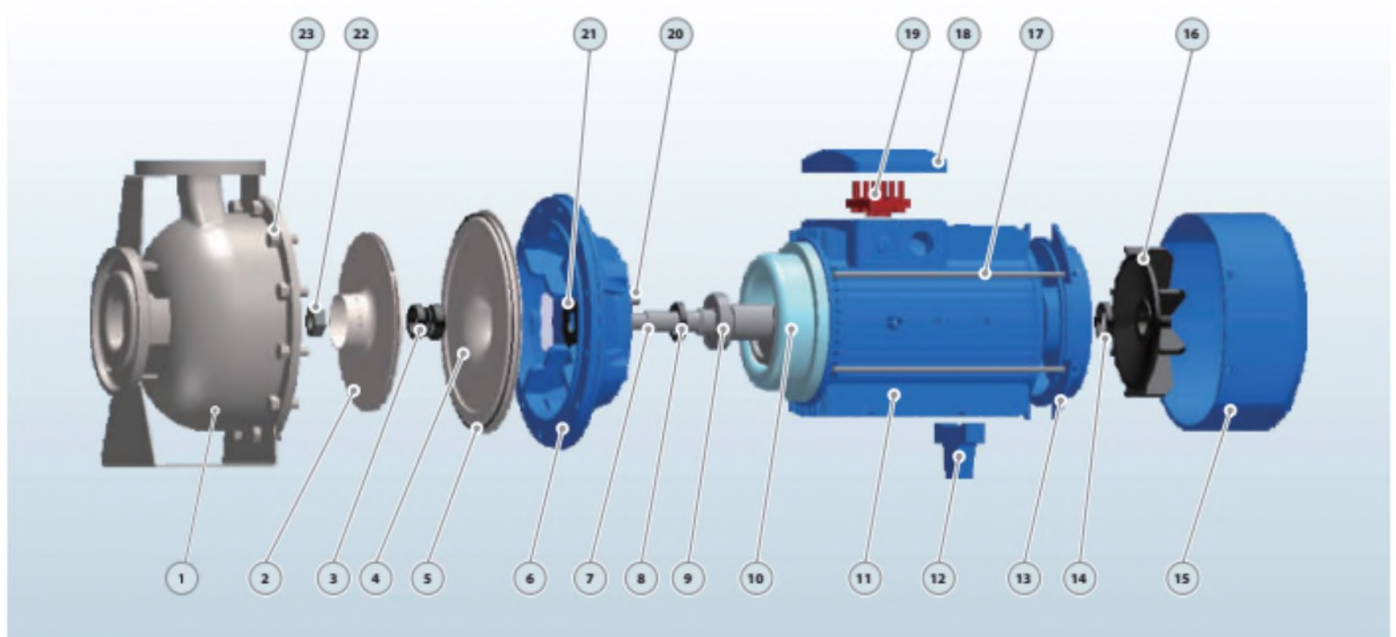


PZ 50



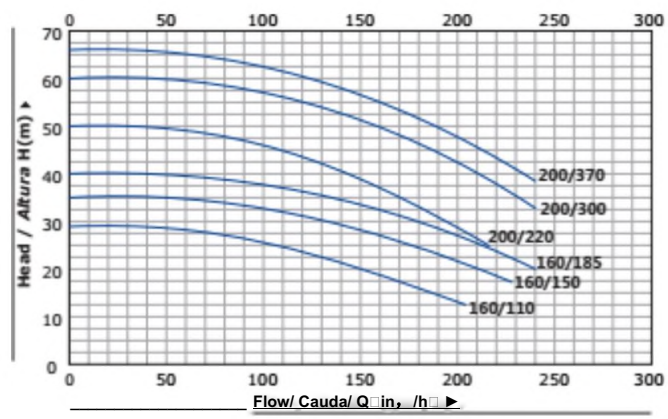
PZ 65

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



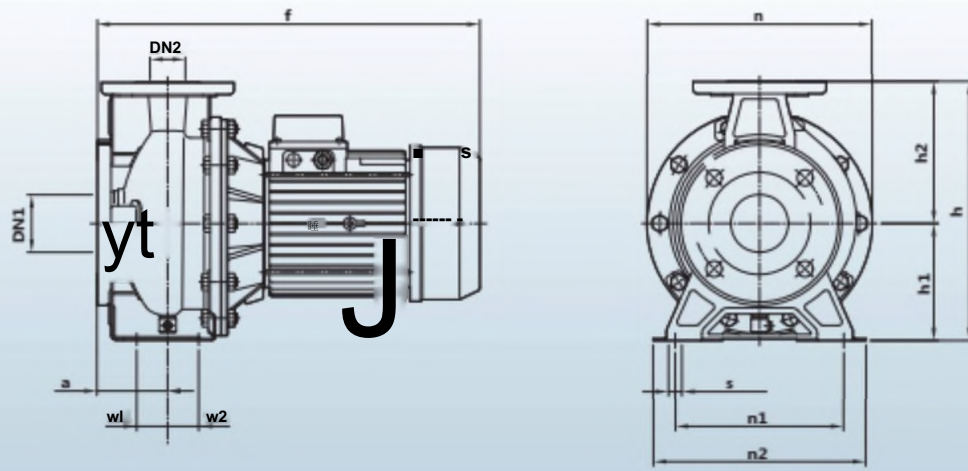
No.	Description Descripción	Material Material	No*	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	SS304 In ox 304	9	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Through Bolt Perno	Steel Acero
2	Impeller Impulsor	SS304 Inox 304	10	Wound Stator/Rotor Estator/Rotor	Silicon Steel/Copper Acero al SHicio/Cobre	18	Terminal Box Caja de Bomes	Aluminum Aluminio
3	Mechanical Seal Cierre Mecánico	SiC/Carbon/SS304 SiC-Grafito-Inox304	11	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Terminal Board Tablero de Bomes	Plastic Plástico
4	Baffle Plate Place de baffle	SS304 Inox 304	12	Support Foot Soporte Pie	Plastic Plástico	20	Impeller Key Chaveta Impulsor	Iron Hierro
5	O-ring Junta Tóries	Rubber Caucho	13	Back Cover Tapa Trasera	Cast iron Fundición	21	Water Deflector Deflector	Rubber Caucho
6	Connection Conexión	Cast iron Fundición	14	Reinforced Seal Seilo Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de tmpulsor	Gatvanized Steel Acero Galvanizado
7	Shaft Eje	SS304 In ox 304	15	Fan Cover Tapa VentUador	Aluminum Aluminio	23	Connection Bolt Perno	Steel Acero
8	Reinforced Seal Setto Reforzado	Rubber Caucho	16	Fan Ventiadador	Plastic Plástico			

SO Hz n=29001/min



PZ 80

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS





PZ

Stainless steel standard pump

Bomba normalizada en acero inoxidable



NEW/NUEVO

TECHNICAL DESCRIPTION

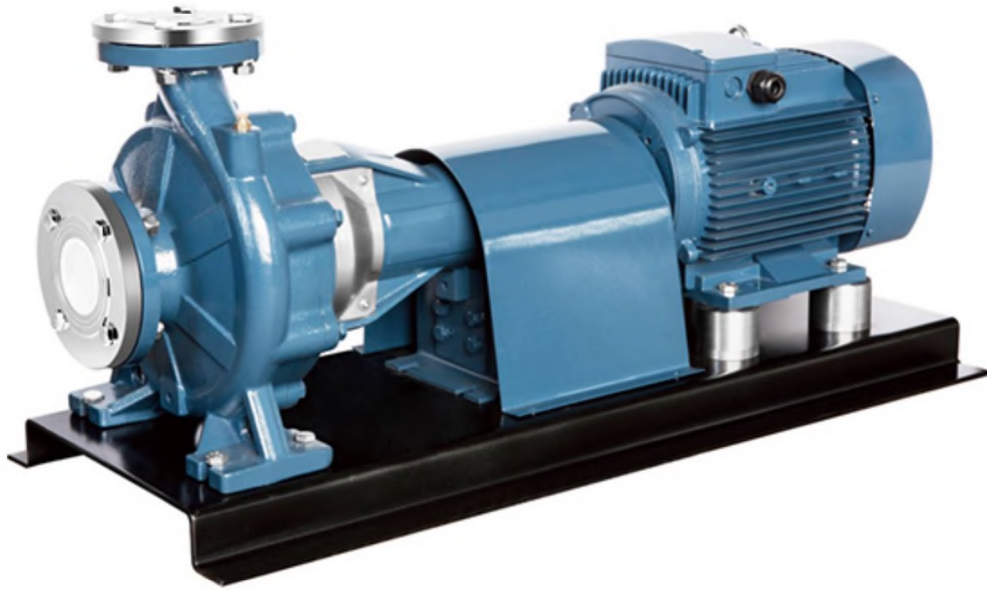
- New stainless steel standard pump
- Original design by PURITY
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case in stainless steel AISI 304
- Impeller in stainless steel AISI 304
- Shaft in stainless steel AISI 304
- Quality NSK bearing, wear resistance mechanical seal

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

- Used for: water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural applications.
- Suitable for use with clean, aggressive liquids that are chemically compatible with the materials from which the pump is made.
- The pumps must be installed in enclosed places, or at least protected against inclement weather.



Centrifugal pumps PSM

[PSM]horizontal centrifugal pump for water

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

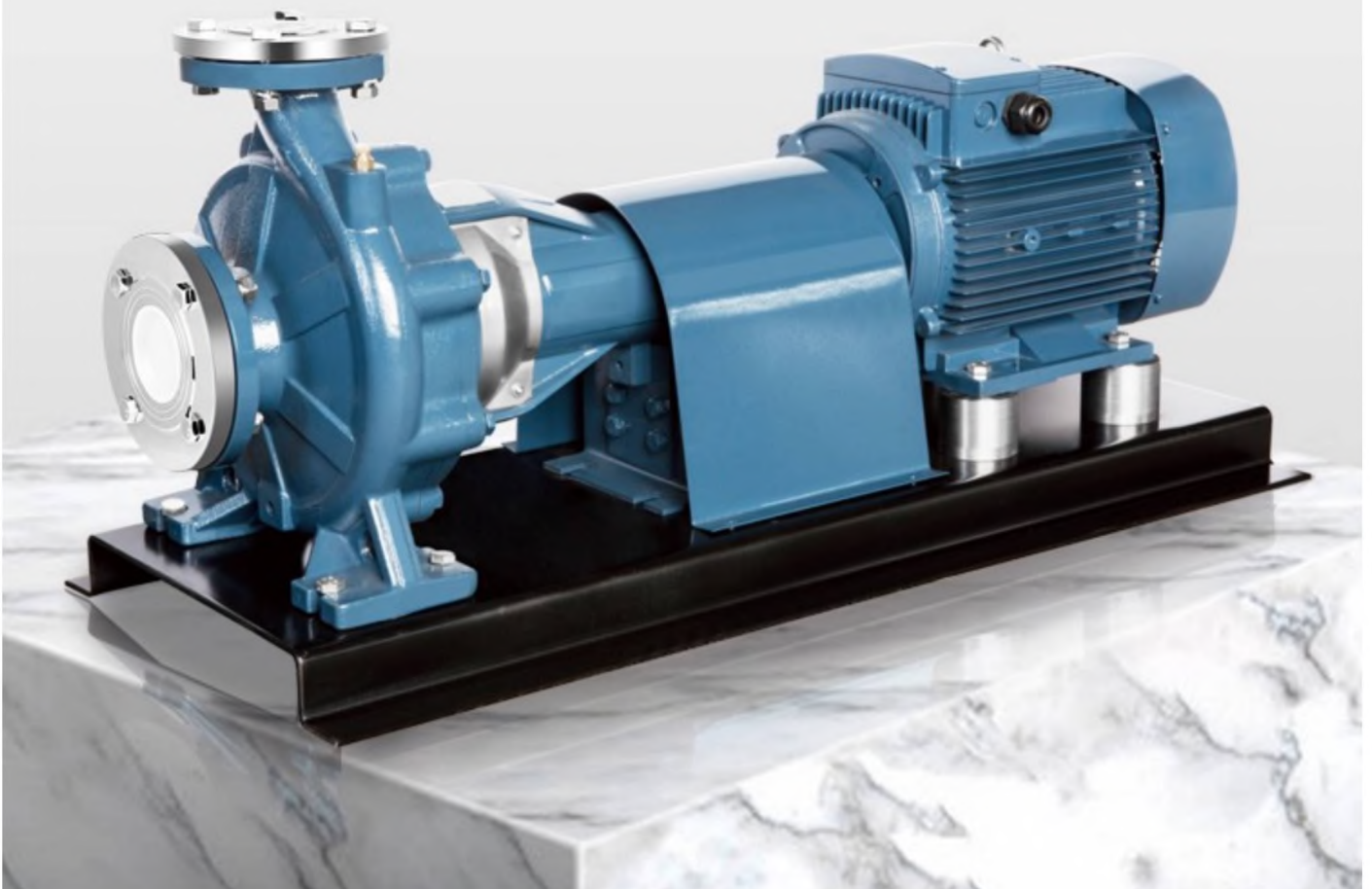
Industrial Pump



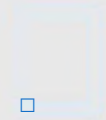
Technical Data

Lift range: 1 · 9Bar

Flow range: 360m³/h



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

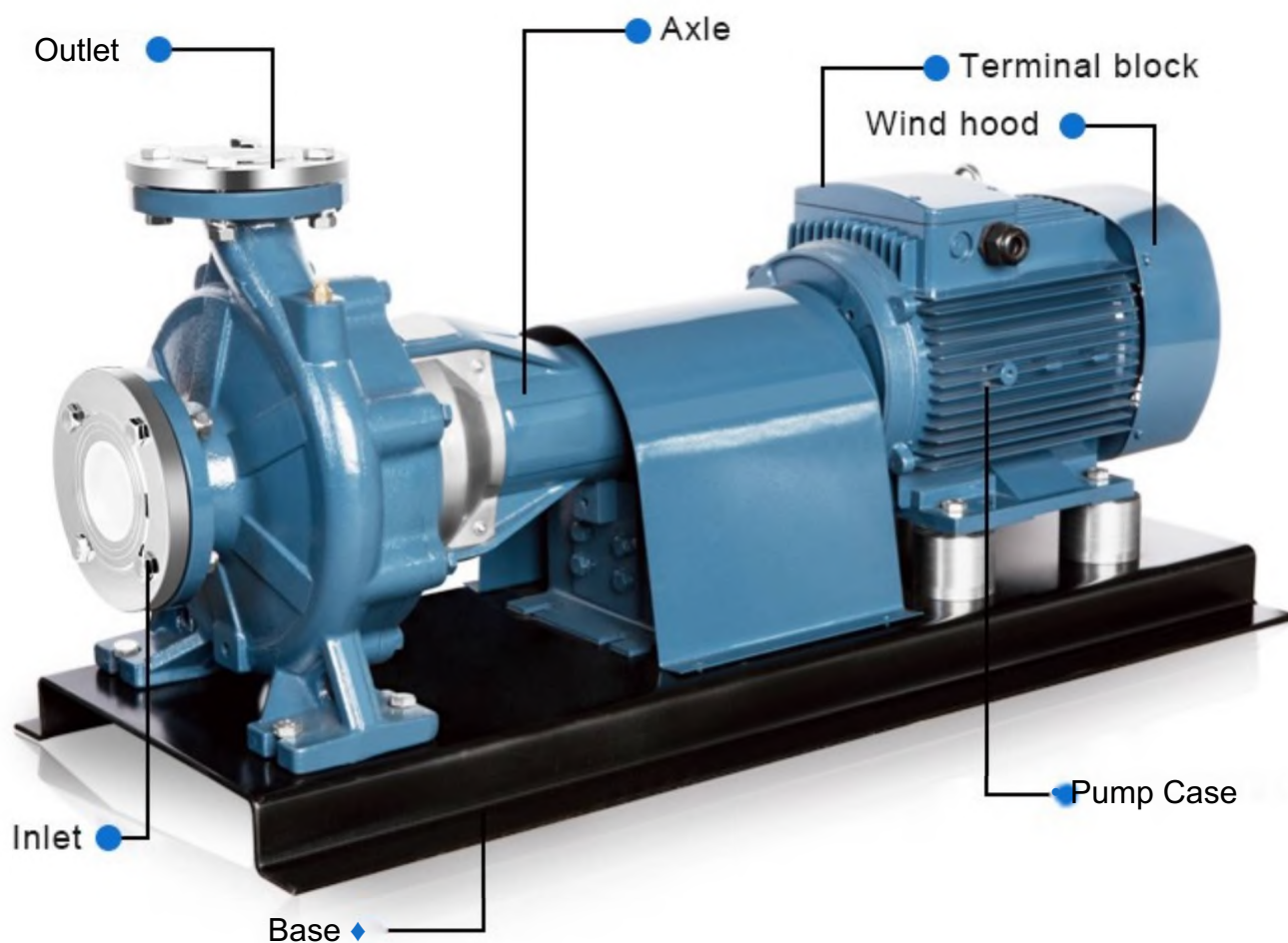


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION



PSM m 32 - 200 / 30

Rated Power(1/10kw)

Impeller Nominal diameter(mm)

Outlet diameter(mm)

Single Phase
(m is omitted for three-phase)

Standard Centrifugal 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

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	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

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	PSI 50-250/2000	-
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

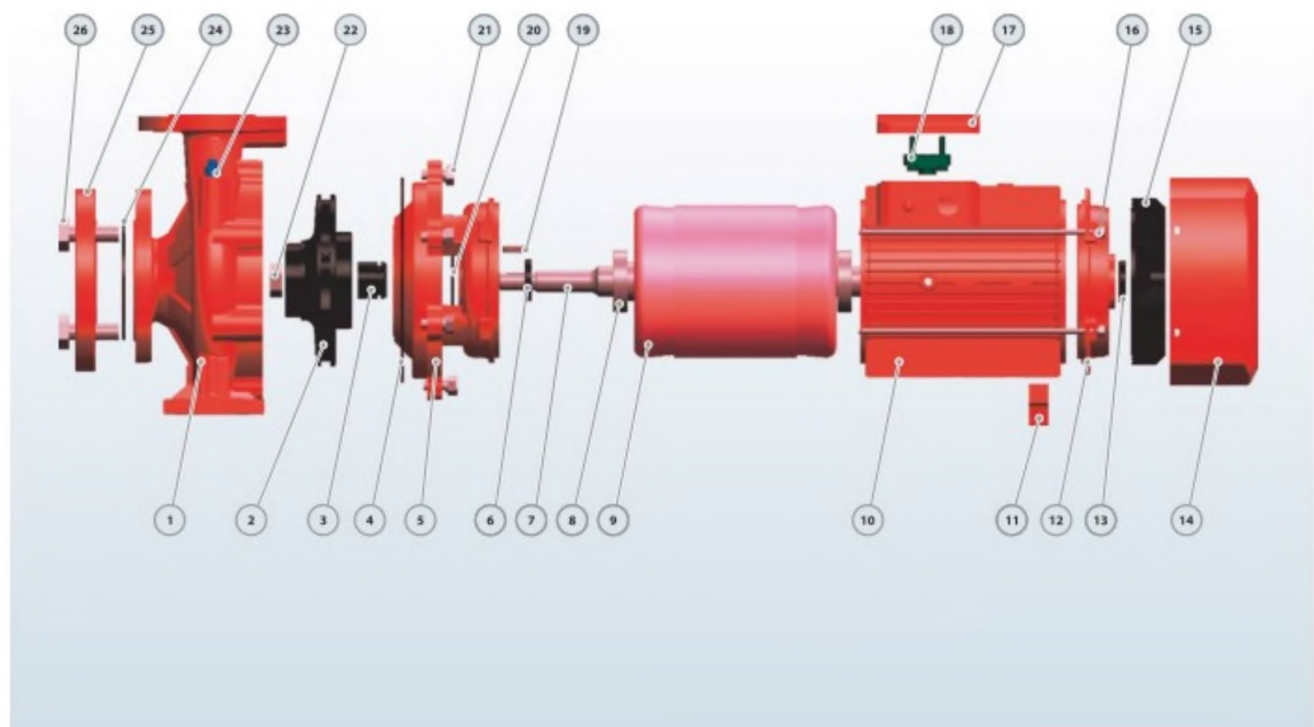
TECHNICAL DATA

 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	12S		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	12S	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	10	Motor Case	MminiMn	19	Impeller Key	Iron
2	Impeller	SS304JCast iron	11	Support Foot	Plastic	20	Water Deflector	Rubber
3	Mechancai Seal	SICX^rtxMVSS304	12	Bade Cover	Cast von	21	Connection Bolt	Steel
4	O-mg	Rubber	13	Reinforced Seal	Rubber	22	Impefter Nut	Gakanized Steei
5	Connection	Cesi iron	14	Fan Cover	Aluminon	23	Release Valve	Brass
6	Reinforced Seal	Rubber	15	Fan	Plastre	24	Gasket	Rubber
7	Shaft	SS304/45# Steel	16	Through BoM	SieeJ	25	Counter Flange	Gaivaruatod Cast ron
8	Bearing	BaN Bearing	17	Terminal Box	Aluminum	26	Flange Bdt	Sled
9	Wound Stator/Rotor	Siloon SteelCopper	18	Terminal Board	Ptaslic			



Centrifugal pumps PZ

[PZ]stainless steel centrifugal end suction pump

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



Stainless water pump

Technical Data

Lift range: 2-7 Bar

Flow range: 240m³/h



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

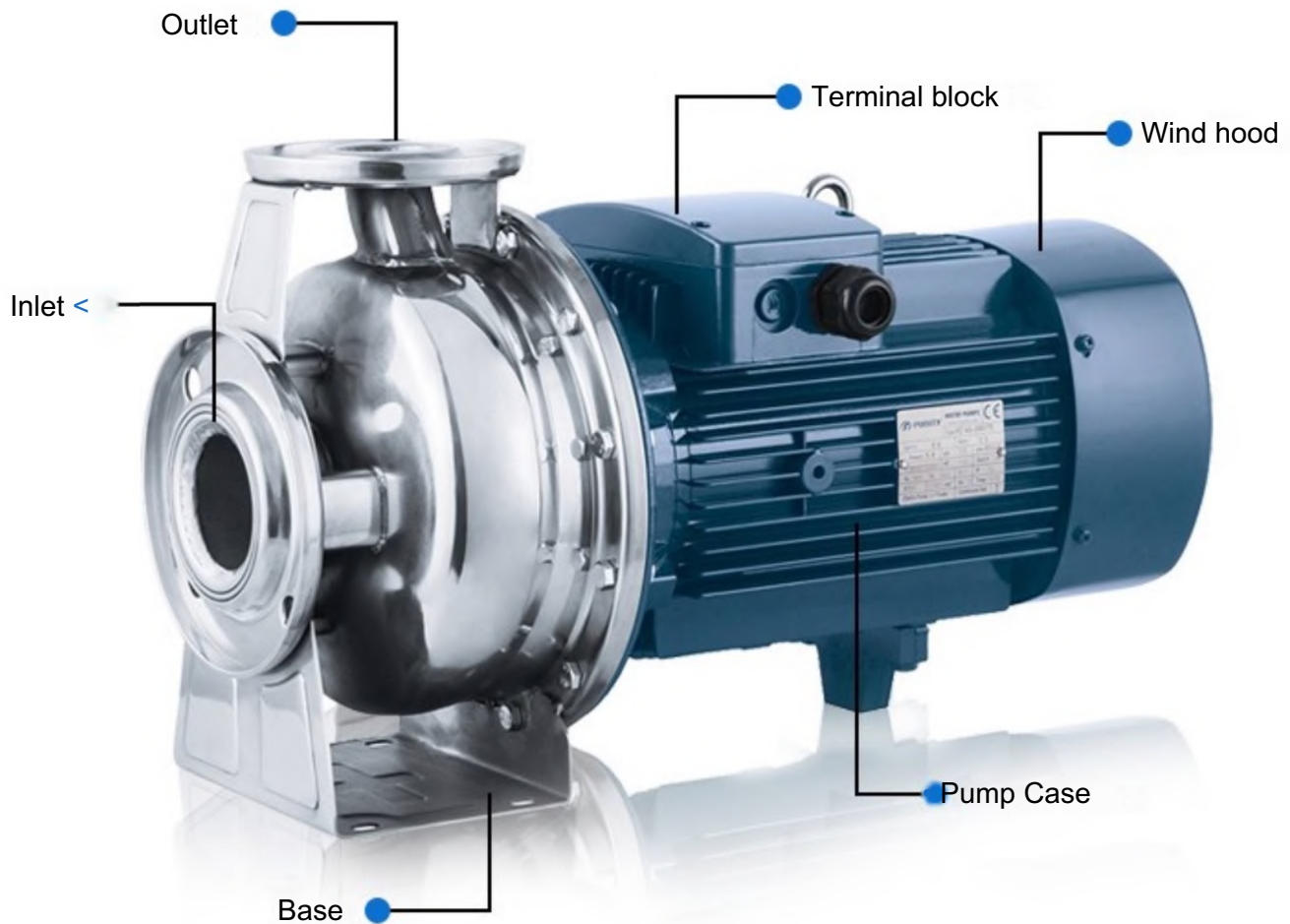


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION : 磯綠



Model Description

PZ	32	-	160	/	11	
						Rated Power(1/10kw)
						Impeller Diameter(mm)
						Outlet diameter(mm)
						Pump Model

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

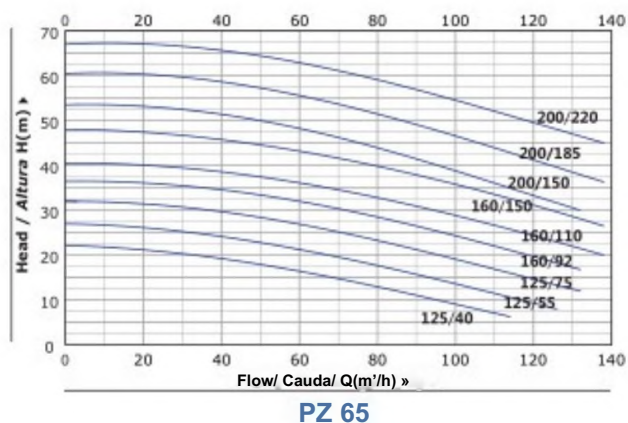
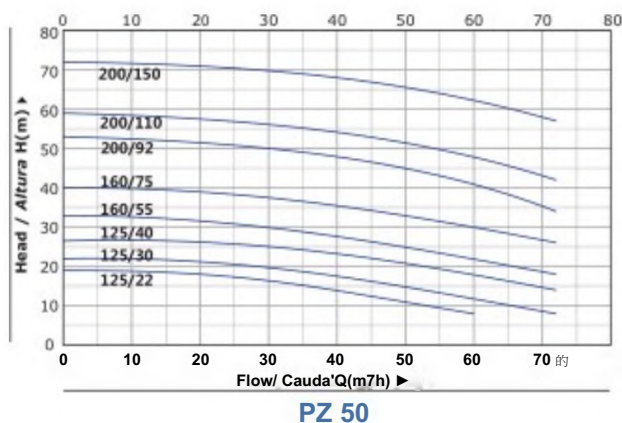
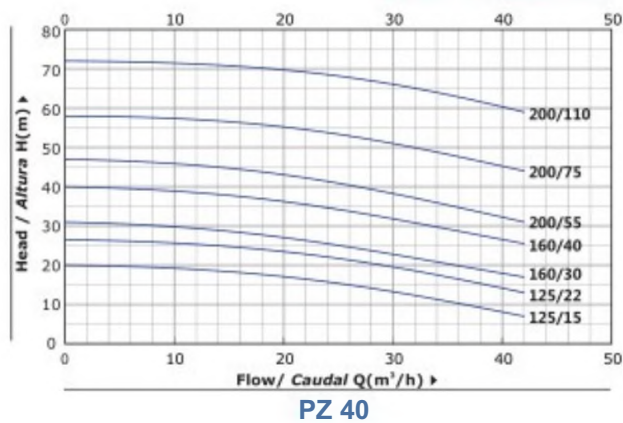
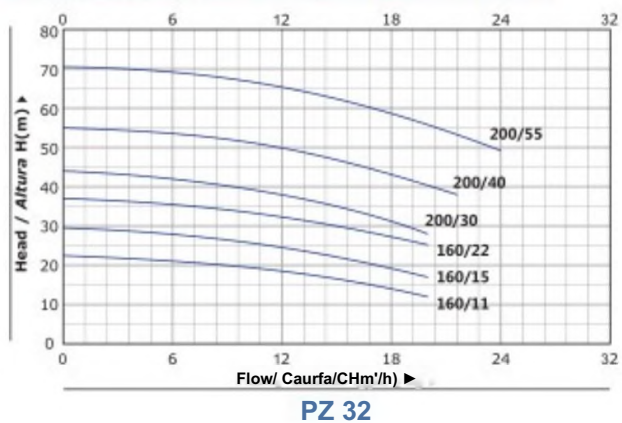
Max. working pressure 16 bar

Continuous service S1

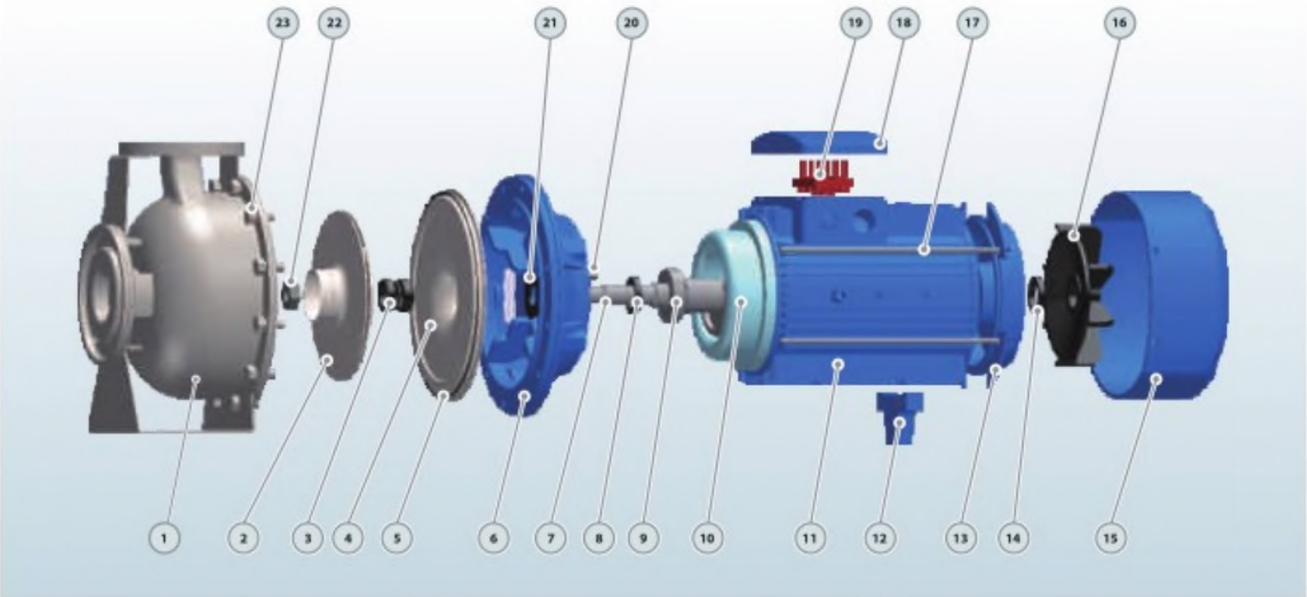
MODEL MODELO	Power Potencia		l/min	Q=DELIVERY / CAUDAL																			DN
	kw	tip		0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000	
			m³/h	0	9	12	18	20	24	36	42	54	72	114	126	132	138	150	204	216	228	240	mm
32-160/11	LI	1.5	H(m)	22.5	19.9	18.4	14.1	12														50x32	
32-160/15	L5	2		29.5	26.5	24.5	19.2	17														50x32	
32-160/22	2.2	3		37	M	32	27	25														50x32	
32-200/30	3	4		44	40	37.5	31	28														50x32	
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37													50x32	
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51													50x32	
40-125/1S	1.5	2		20		19	17.6	17	15.7	10.3	7											65x40	
40-125/22	2.2	3		265		25.5	24	235	22	164	13											65x40	
40-160/30	3	4		31		29.5	27.5	27	25.5	20	n											65x40	
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5											65x40	
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31											65x40	
40-200/75	7.5	10		58		57	55.5	55	53.5	44	44											65x40	
40-200/110	11	15		72		71	70	70	68.5	63	59											65x40	
50-125/22	2.2	3		19					17.5	149	13.4	10.7										65x50	
50-125/30	3	4		22					20.5	18.4	17	14.4	8									65x50	
50-125/40	4	5.5		265					26	24	22.5	20.5	14									65x50	
50-160/55	5.5	7.5		33					31	285	27	24.5	18									65x50	
50-160/75	7.5	10		40					38.5	36	35	32.5	26									65x50	
50-200/92	9.2	12.5		S3					49	47.5	44.5	34										65x50	
50-200/110	11	15		59					55	54	51	42										65x50	
50*200/150	15	20		72					69	68	65	57										65x50	
65-125/40	4	5.5		22.2					19.8	19	17.3	135	6.3									80x65	
65-125/55	5.5	7.5		27						24	22.2	185	108	8								80x65	
65-125/75	7.5	10		32						29.5	27.8	24	16.1	13.4	12							80x65	
65-160/92	9.2	12.5		365						34.5	32.8	29	21.1	183	16.8							80x65	
65-160/110	11	15		40.5						38.5	37.1	33.5	25.8	23	21.5	20						80x65	
65-160/150	15	20		48						45.5	44	40.5	32.6	29.6	28	26.5						80x65	
65-200/150	15	20		53.5						51	49	44.5	35.3	31.8	30							80x65	
65-200/185	18.5	25		60.5						58.5	56.5	52	43	39.7	38	36.3						80x65	
65-200/220	22	30		67						65.5	64	60	51	48	46.5	45						80x65	
80-160/110	11	15		29								27.5	24.2	23	22.4	21.8	20.4	12.5				100x80	
80-160/150	15	20		35								34.5	31.5	305	30	29.4	28.1	21	19.1	17		100x80	
80-160/185	185	25		40								39.5	367	35.7	35.2	34.7	33.5	26.4	24.4	22.3	20	100x80	
80-200/220	22	JO		50								48.5	44.5	43	42	41	39	27.8	25			100x80	
80*200/300	30	40		60								59	56	545	54	53	51	41.5	39	36.1	33	100x80	
80-200/370	37	50		66								64	61	595	59	58	56.5	47	44.5	41.5	38.5	100x80	

PERFORMANCE CURVE / CURVAS DEFUNCIONAMIENTO

50 Hz n=29001/min

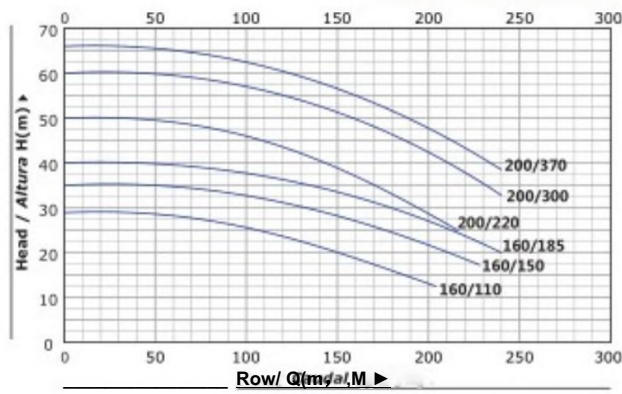


MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



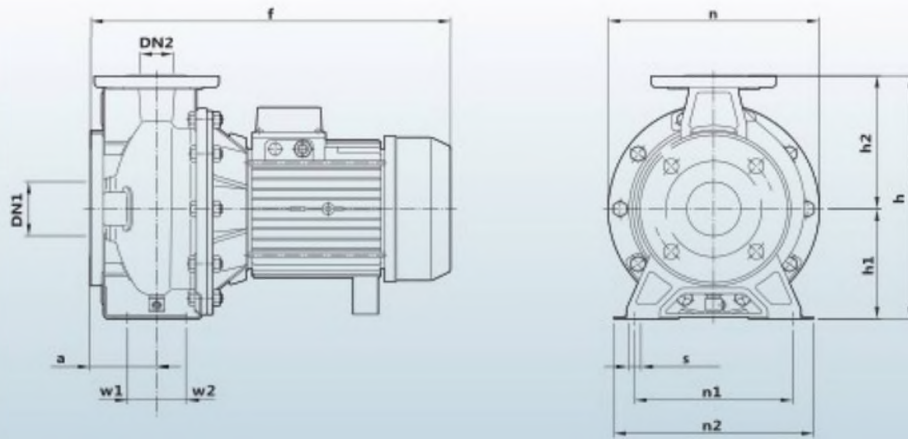
No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case Cuerpo de Bomba	SS304 Inox 304	9	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Through Bolt Perno	Steel Acero
2	Impeller Impulsor	SS304 inox 304	10	Wound Stator/Rotor Estatof / Rotor	Silicon Steel Acero al Silicio	18	Terminal Box Caja de Borne	Aluminum Aluminio
3	Mechanical Seal Cierre Mecánico	SiO ₂ (VSS304) SC-Grafito x304	11	Motor Case Cuerpo d9 Motor	Aluminum Aluminio	19	Terminal Board Tablero de Bornes	Plastic Plástico
4	Baffle Plate Placa de baffle	SS304 Inox 304	12	Support Foot Soporte Pie	Plastic Plástico	20	Impeller Key Chaveta Impulsor	Iron Hierro
5	O-ring Junta Tórica	Rubber Caucho	13	Back Cover Tapa Trasera	Cast Iron Fundición	21	Water Deflector Deflector	Rubber Caucho
6	Connection Conexión	Cast Iron Fundición	14	Reforced Seal Sellos Reforzados	Rubber Caucho	22	Impeller Nut Tuerca d9 Impulsor	Galvanized Steel Acero Galvanizado
7	Shaft Eje	SS304 Inox 304	15	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Connection Bolt Perno	Steel Acero
8	Reinforced Seal Self-Reforzado	Rubber Caucho	16	Fan Ventilador	Plastic Plástico			

50 Hz n=2900 1/min



PZ 80

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm													kg	
Single-phase Monofes/co	Three-phase Trifasico	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1	3-
32-160/11-IS	32-160/11-IS	50	32	100	493	306	150	156	235	148	175	60	31	15	20.6/23.5	19.6/22.5
32-160/22	32-160/22	50	32	100	493	306	ISO	156	235	148	175	60	31	15	2S.6	24.6
32-200/30	32-200/30-40	50	32	100	538	306	150	156	235	148	175	60	31	15	33.8	32.8/39.5
•	32-200/55	50	32	LC<	5^8	306	150	156	235	148	175	60	31	15	-	48.5
40-125/15-22	40-12S/15-22	65	40	100	493	306	150	156	235	148	175	60	31	15	21.1/23.7	20.1/22.7
40-160/30	40-160/30-40	65	40	105	542	J40	160	180	278	148	175	60	31	15	29	28/35.1
-	40-200/55-75	6S	40	10S	S84	340	160	180	278	148	175	60	31	15	-	48.8/56.2
-	40-200/110	6S	40	LC5	650	S40	160	180	235	148	175	60	31	15	-	67.5
50-125/22	S0125/22	6S	50	100	428	340	160	180	235	148	175	60	31	15	29.1	28.1
S0-12S/30	50-125/30-40	6S	50	100	493	340	160	180	278	148	175	60	31	15	29.6	28.6/35J
•	50-160/55-75	65	50	105	584	340	160	180	278	148	175	60	31	15	-	49.1/55.5
-	50-200/92110	65	50	105	650	365	185	180	278	148	175	60	31	15	-	6L7/67.5
•	50-200/150	6S	so	105	768	365	185	180	278	148	175	60	31	15	-	96
-	6S125/40	80	65	100	584	J40	160	180	278	148	175	60	31	15	-	40
泰	65-125/55-75	80	65	100	584	340	160	180	278	148	175	60	31	15	-	S2/58.5
•	65-160/92-110	80	65	113	675	MS	160	185	278	148	175	60	31	15	-	67/75.6
•	65-160/150	80	6S	113	732	S45	160	18S	278	148	175	60	31	15	-	93
-	65-200/150-18S	80	65	113	793	370	18S	18 S	278	148	175	60	31	15	-	114/127
-	6S-200/220	80	6S	113	793	370	18S	18S	278	148	175	60	31	15	-	136
-	80-160/110	100	80	125	700	400	180	220	278	148	175	60	31	15	-	85
•	80-160/1S0185	100	80	125	870	400	180	220	278	148	175	60	31	15	-	119/135
*	80-200/220	100	80	125	915	450	200	250	278	148	175	60	31	15	-	185
-	80-200/300-370	100	80	125	985	450	200	250	278	148	175	60	31	15	-	265/28S



Stainless water pump

Technical Data

Lift range: 2-7 Bar

Flow range: 240m³/h



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

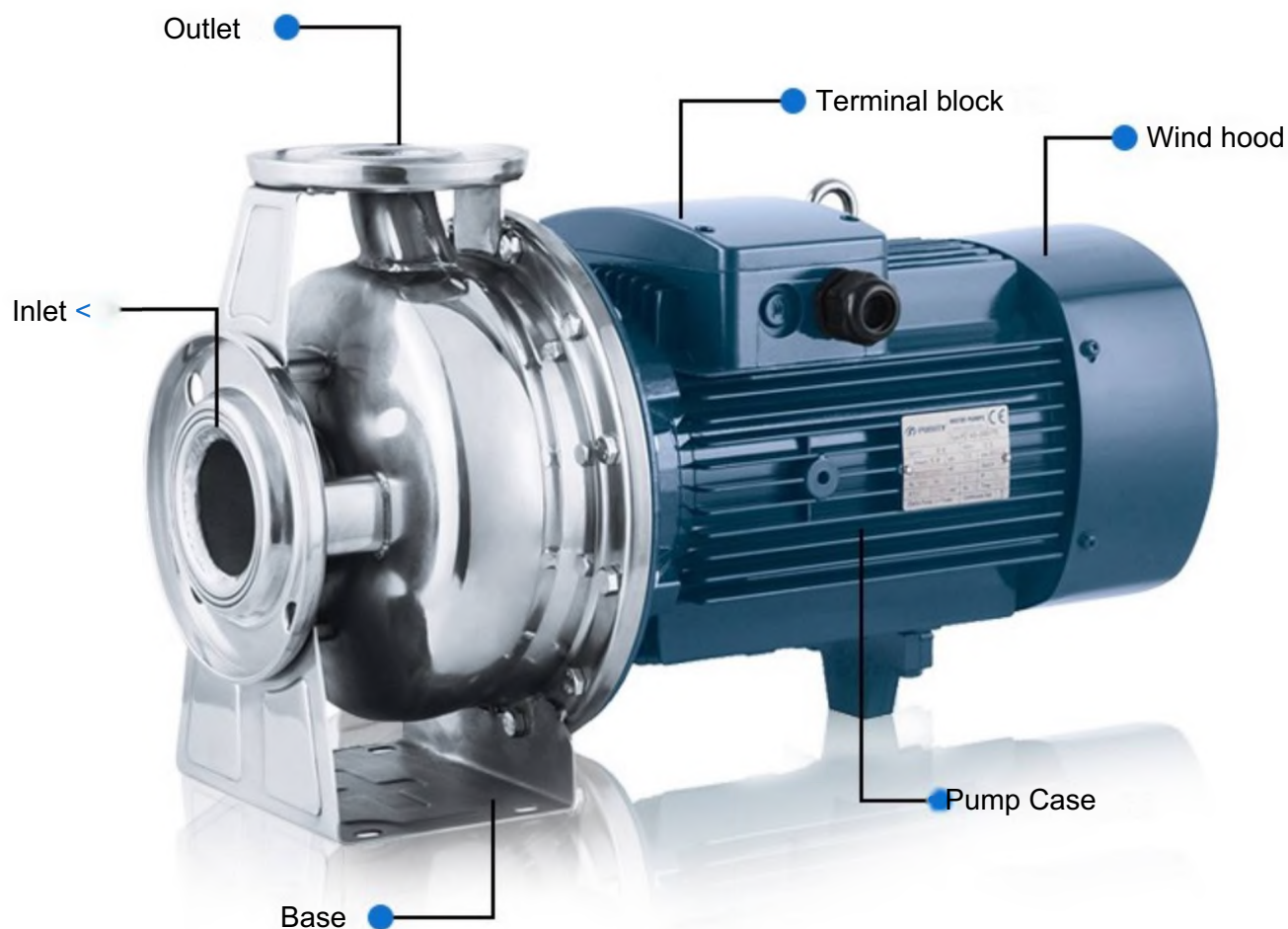


Costormized
Sizes & Pumps



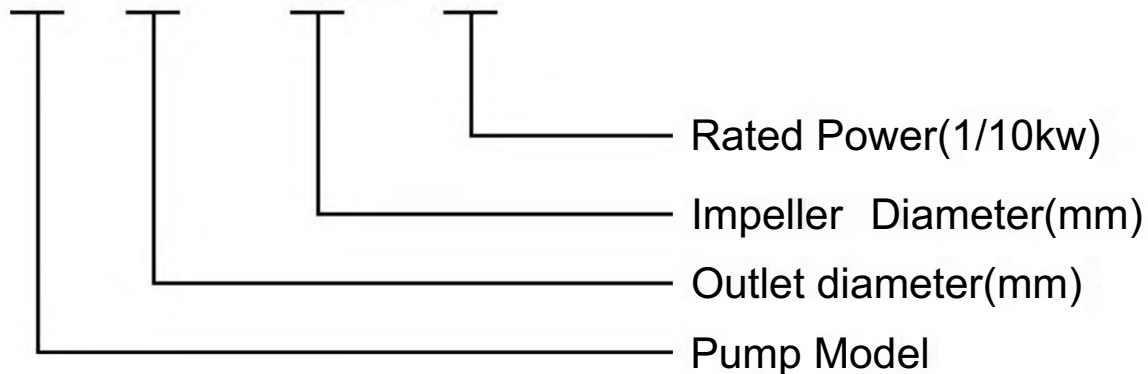
Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION : 磯綠



Model Description

PZ 32 - 160 / 11



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

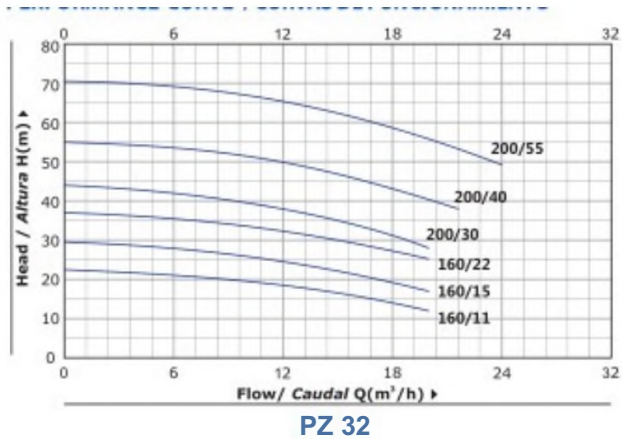
Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

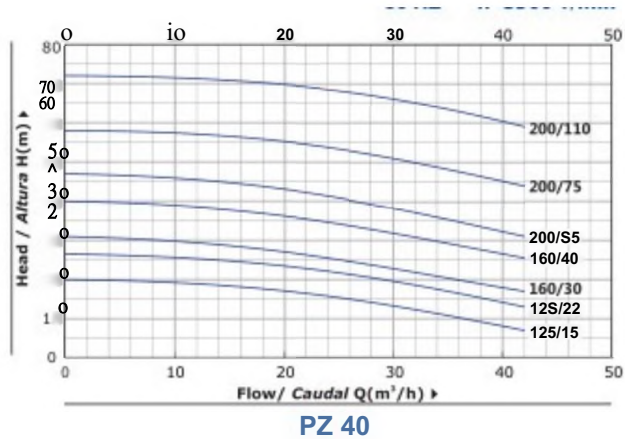
Max. working pressure 16 bar

Continuous service S1

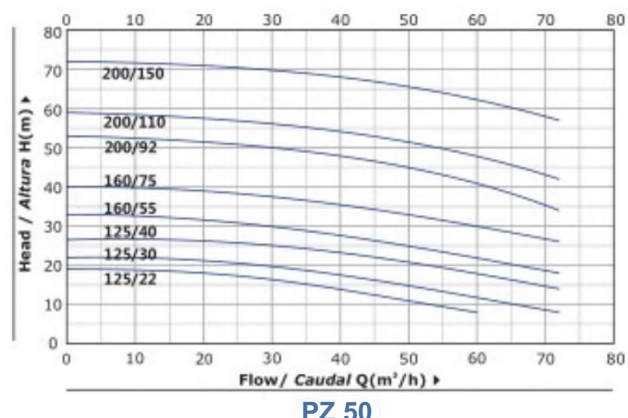
MODEL MODELO	Power Potencia		H _{VM} m³/h	Q«DELIVERY 1 CAUDAL																			ON	
				0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000		
	kw	hp		0	9	12	18	20	24	36	42	54	72	114	126	132	138	150	204	216	228	240	mm	
32*160/11	LI	1.5	H(m)	22.5	199	18.4	14.1	12														SOX32		
32160/1S	L5	2		29.5	26.5	24.5	19.2	17														50x32		
32-160/22	22	3		37 M		32	27	25														50x32		
32-200/30	3	4		44	40	37.5	打	28														50x32		
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37													S0x32		
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51													50x32		
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7											65x40		
40-125/22	2.2	3		265		25.5	24	235	22	164	13											65x40		
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17											65x40		
40-160/40	4	S.S		40		38.5	37	36	34.5	29	2S.5											65x40		
40-200/55	5.5	7.5		47		4S.S	44	43	41	35	31											65x40		
40-200/75	7.5	10		58		57	S5.S	S5	S3.5	47.5	44											65x40		
40-200/110	11	15		72		71	70	70	68.5	63	59											6Sx40		
50-125/22	2.2	3		19					17.5	149	13.4	10.7										65xS0		
50-125/30	3	4		22					20.5	184	17	14.4	8									65x50		
50-125/40	4	5.5		265					26	24	22.5	20.5	14									65x50		
S0-160/5S	55	7.5		33					31	285	27	24.5	18									65x50		
50-160/75	7.5	10		40					38.5	36	35	32.S	26									65x50		
50-200/92	9.2	12.5		S3		—				49	47.5	44.5	34									65x50		
50-200/HO	11	15		59						S5	54	51	42									65x50		
50-200/150	15	20		72						69	68	65	57									65xS0		
65-125/40	4	55		22.2						19.8	19	17.3	13.5	6.3								80x65		
6S-125/55	5.5	7.5		27							24	22.2	185	10.8	8							80x6S		
65-125/75	7.5	10		32							29.5	27.8	24	161	13.4	12						80x65		
65-160/92	9.2	12.5		36.5							34.5	32.8	29	2L1	183	16.8						84)x6S		
65-160/110	11	15		40.5							385	37.1	33.5	25.8	23	21.5	20					80x65		
65-160/1S0	15	20		48							45.5	44	40.5	32.6	29.6	28	26.5					80x65		
6S-200/150	15	20		53.5							51	49	44.5	35.3	31.8	30						80x65		
65-200/185	18.5	25		60.5			—				58.5	565	52	43	39.7	38	36.3					80x65		
65-200/220	22	30		67							65.5	64	60	51	48	46.5	45					80x6S		
80-160/110	n	15		29										275	24.2	23	22.4	21.8	20.4	12.5		100x80		
80-160/150	15	20		35										34.5	31.5	30.S	30	29.4	28.1	21	19.1	17	100x80	
80-160/18S	18.5	25		40										39.5	36.7	35.7	35.2	34.7	33.5	26.4	24.4	22.3	20	100x80
80200/220	22	扣		50										48.5	44.5	43	42	灯	39	27.8	25		100x80	
80-200/300	30	40		60										59	56	545	54	53	SI	41.5	39	36.1	33	100x80
80.200/370	37	so		66										64	61	59.5	59	58	56.5	47	44.5	41.5	38.5	100x80



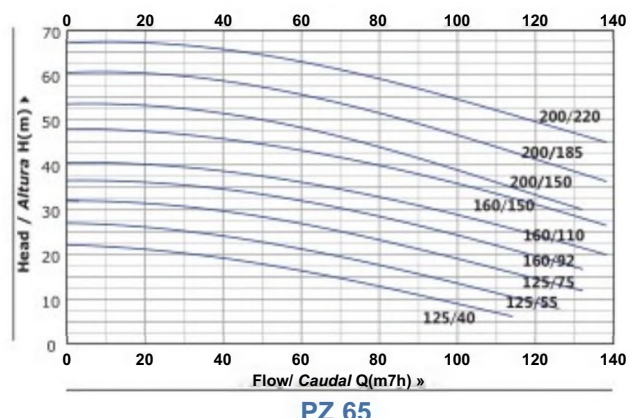
PZ 32



PZ 40

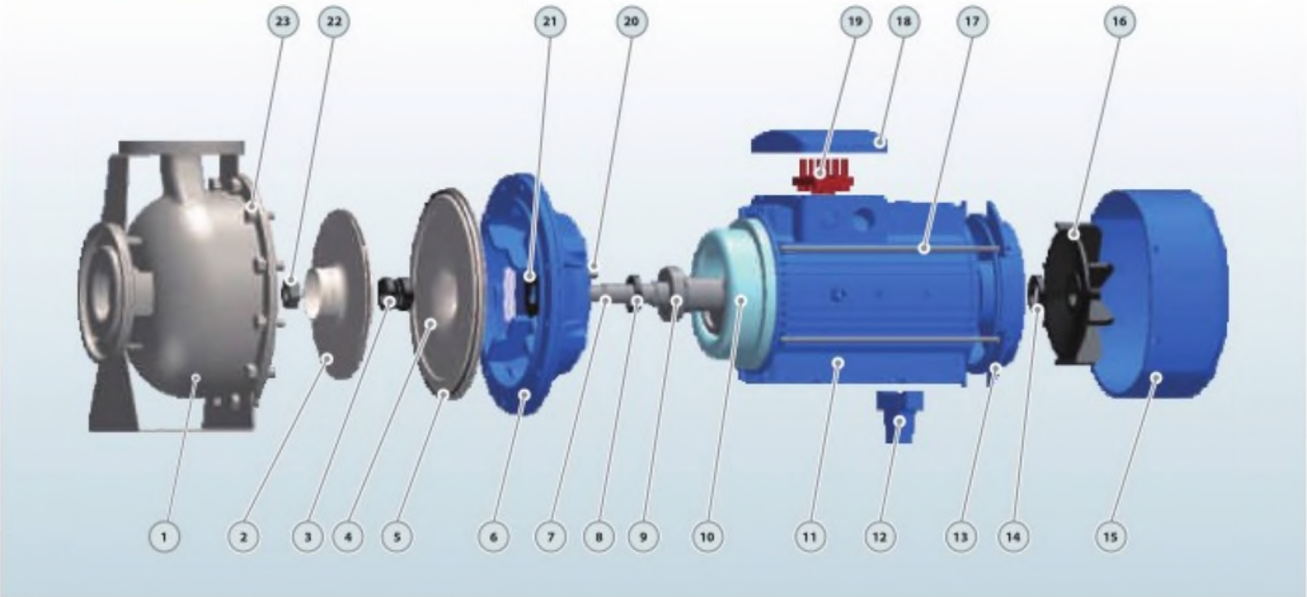


PZ 50



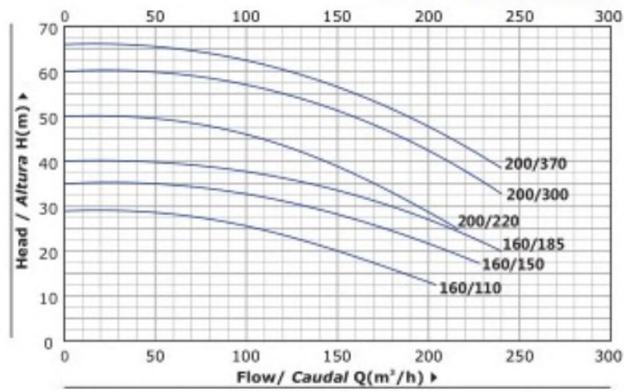
PZ 65

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



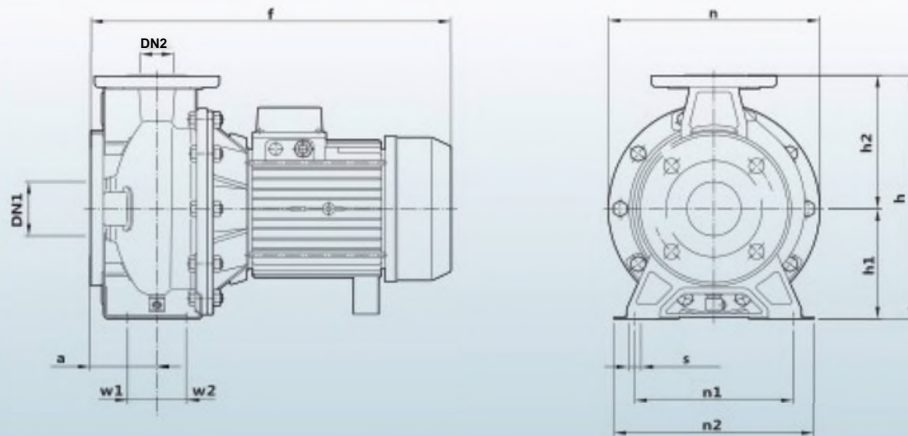
No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	SS304 Inox 304	9	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Through Bolt Perno	Steel Acero
2	Impeller Impulsor	SS304 Inox 304	10	Wound Stator/Rotor Estator / Rotor	Silicon Steel Acero al Silicio	18	Terminal Box Caja de Bornes	Aluminum Aluminio
3	Mechanical Seal Cierre Mecánico	SICCart) OFVSS304 S-C-Gr?IIWofrIOx304	11	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Terminal Board Tablero de Bornes	Plastic Plástico
4	Baffle Plate Placa de Baffle	SS304 Inox 304	12	Support Foot Soporte Pie	Plastic Plástico	20	Impeller Key Chaveta Impulsor	Iron Hierro
5	O-ring Junta Tórica	Rubber Caucho	13	Back Cover Tapa Trasera	Cast Iron Fundición	21	Water Deflector Deflector	Rubber Caucho
6	Connection Conexión	Cast Iron Fundición	14	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
7	Shaft Eje	SS304 Inox 304	15	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Connection Bolt Perno	Steel Acero
8	Reinforced Seal Sello Reforzado	Rubber Caucho	16	Fan Ventilador	Plastic Plástico			

60 HZ n=35001/min



PZ 80

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm														*9	
Single-phase Monofasico	Three-phase Trifasico	DN1	DN2		f	h	hi	h2	n	n1	n2	w1	w2	s		3-	
32-160/11-15	32-160/11-15	50	32	100	493	306	ISO	156	235	148	175	60	31	15	20.6/23.5	19.6/22.5	
32-160/22	32-160/22	50	32	100	493	306	ISO	156	235	148	175	60	31	15	25.6	24.6	
32-200/30	32-200/30-40	50	32	100	538	306	150	156	235	148	175	60	31	15	33.8	32.8/39.5	
•	32-200/5S	50	32	100	538	306	150	156	235	148	175	60	31	15	-	48.5	
40-125/15-22	40-125/15-22	65	40	100	493	306	150	156	235	148	175	60	31	15	21.1/23.7	20.1/22.7	
40-160/30	40-160/30-40	65	40	105	542	uo	160	180	278	148	175	60	31	15	29	28/3S.1	
-	40-200/55-75	65	40	IOS	S84	340	160	180	278	148	175	60	31	15		48.8/56.2	
•	40-200/110	6S	40	105	6S0	340	160	180	235	148	175	60	31	15	-	67.5	
50-125/22	50-125/22	6S	SO	100	428	340	160	180	235	148	175	60	31	15	29.1	28.1	
50-125/30	50-125/30-40	6S	SO	100	493	340	160	180	278	148	175	60	31	15	29.6	28.fi/35J	
•	50-160/55-7S	65	50	105	S84	340	160	180	278	148	175	60	31	15	-	49.1/55.5	
-	50-200/92-110	6S	50	105	650	365	185	180	278	148	175	60	31	15	-	6L7/67.5	
-	SO.200/ISO	6S	50	105	768	365	18S	180	278	148	175	60	31	15		96	
※	6S-125/40	80	65	100	5«4	MO	160	180	278	148	175	60	31	15	-	40	
•	65-125/55-75	80	65	100	584	MO	160	180	278	148	175	60	31	15	•	52/58.S	
-	65-160/92-110	80	65	113	675	M5	160	18S	278	148	175	60	31	15	-	67/75.6	
-	65-160/150	80	65	113	732	M5	160	185	278	148	175	60	31	15		93	
7	65-200/150185	80	65	113	793	370	185	185	278	148	175	60	31	15	-	114/127	
-	C5-200/220	80	65	113	793	370	185	18S	278	148	175	60	31	15	-	136	
•	80-160/110	100	80	125	700	400	180	220	278	148	175	60	31	15	-	8S	
-	80-160/150-18S	100	80	12S	870	400	180	220	278	148	175	60	31	15	-	119/135	
•	80-200/220	100	80	125	915	450	200	250	278	148	175	60	31	15	-	185	
-	80-200/300-370	100	的	125	985	450	200	250	278	148	175	60	31	15	-	265/28S	



Centrifugal pumps PST

[PST]Standard Centrifugal Monoblock Water Pump with high efficiency motor

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

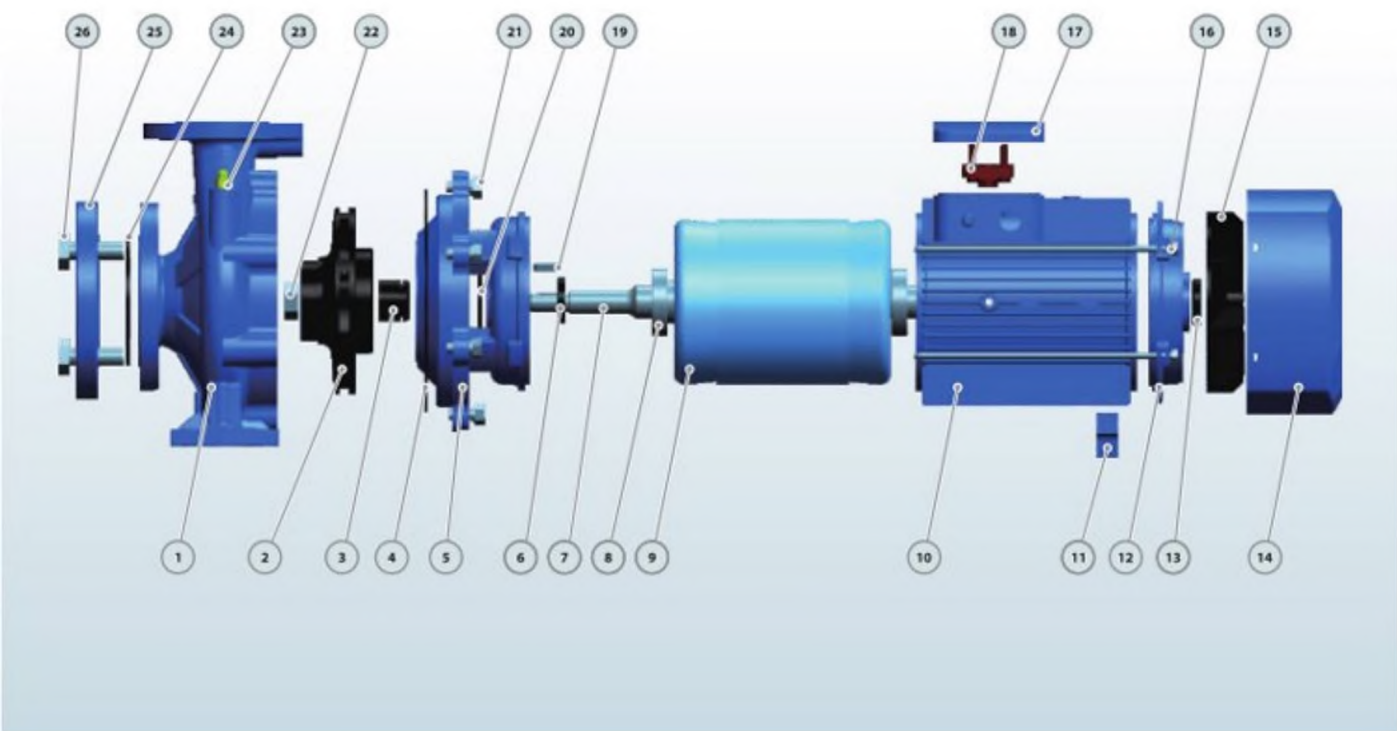
MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																		DN	
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	S29	608	793		925
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	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
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Both square motor & round motor available
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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

60Hz n=3500 1/min

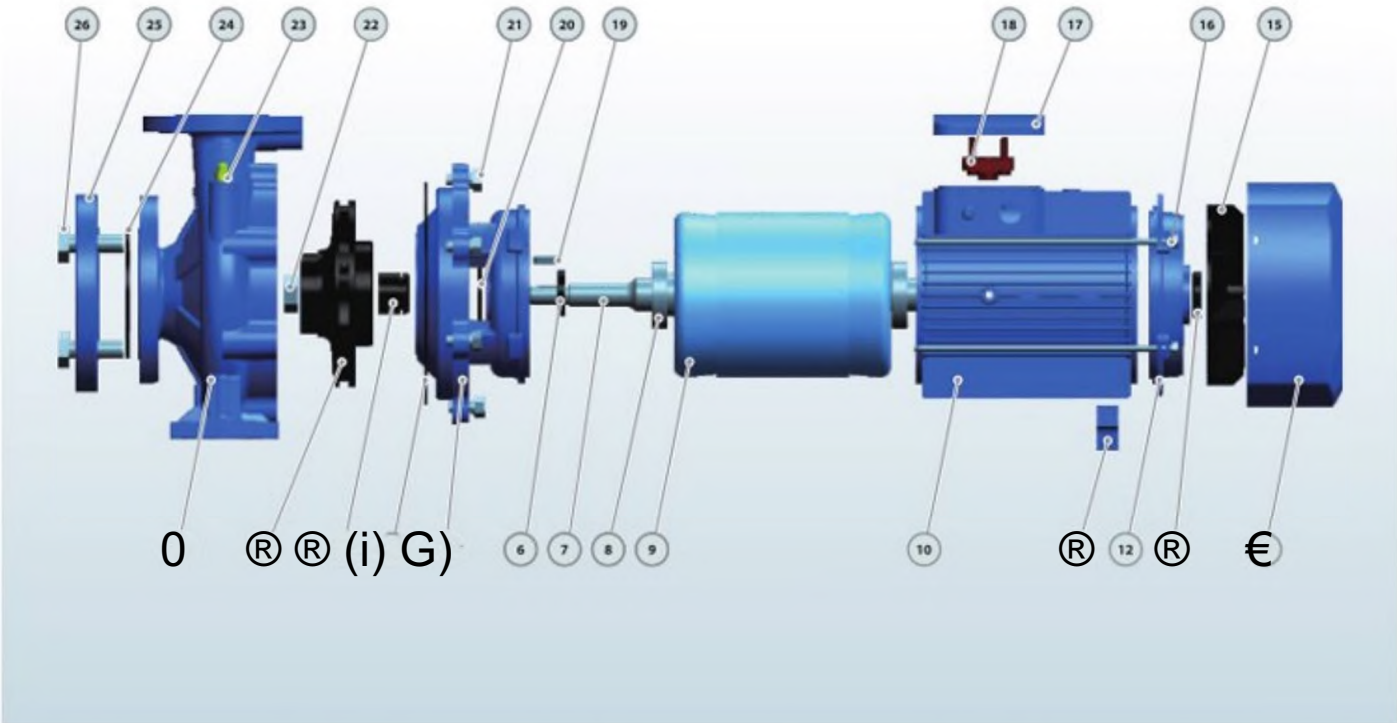
MODEL MODELO	Tower		US gpm l/min mTh	Q= DELIVERY/ CAUDAL																		DN	
	Potencia			0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925
	kw	hp		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500
				0	6	9	15	18	24	27	36	42	48	54	72	&4	90	108	120	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 5Dc	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	215	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	
50-250/150 •	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	
65-200/18S •	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		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	114.5	112.5	110	103	76	80x65	
65-315/750 •	75	100		141										1393	1373	135.6	134.5	132.3	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			



Centrifugal pumps PC

[PC] Centrifugal Monoblock Pump Single Impeller Centrifugal Pump

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

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

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

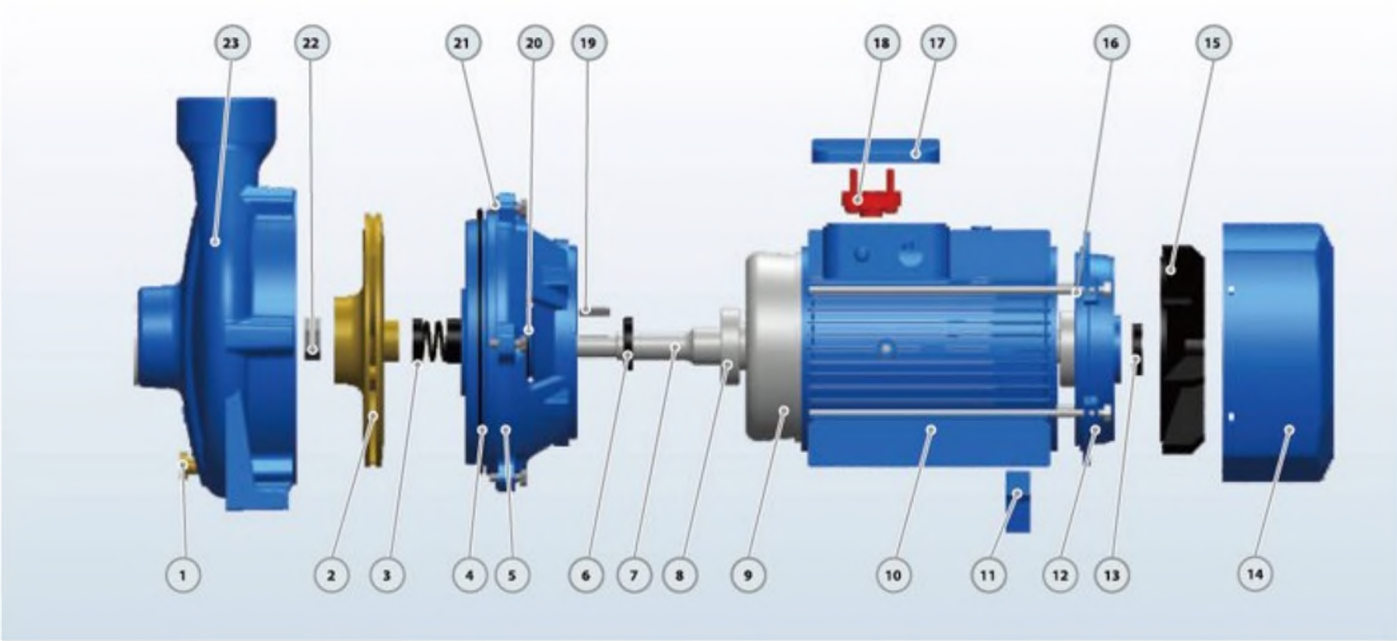
50 Hz n=29001/min

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

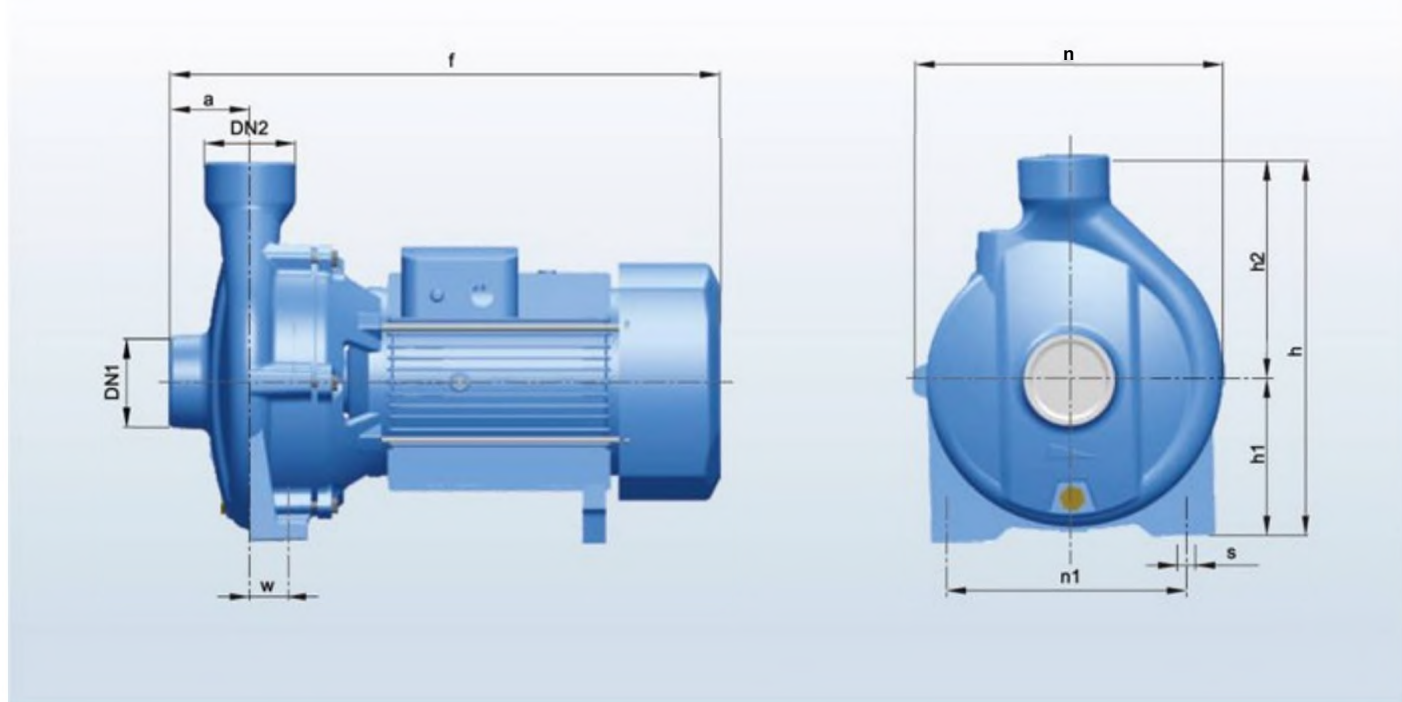
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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
-	PC 680C	50	SO	75	535	335	140	195	273	190	40	14	■	42
-	PC 680B	SO	50	75	535	335	140	195	273	190	40	14	-	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
-	PC S60C	80	80	79	578	372	163	209	263	212	32	16	-	52
-	PC 560B	80	80	79	578	372	163	209	263	212	32	16	■	64
-	PC 560A	80	80	79	578	372	163	209	263	212	32	16	-	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
-	PC 62SC	100	100	8S	593	373	163	210	267	212	32	16	-	63
-	PC625B	100	100	85	593	373	163	210	267	212	32	16	-	68
-	PC 62SA	100	100	8S	593	373	163	210	267	212	32	16	-	74
-	PC 660D	100	100	85	605	415	186	229	305	222	49	16	-	90
-	PC 660C	100	100	8S	605	415	186	229	305	如	49	16	-	106
-	PC 660B	100	100	85	605	415	186	229	305	222	49	16	-	134
-	PC 660A	100	100	8S	60S	415	186	229	305	222	49	16	■	155

Product Description

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

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

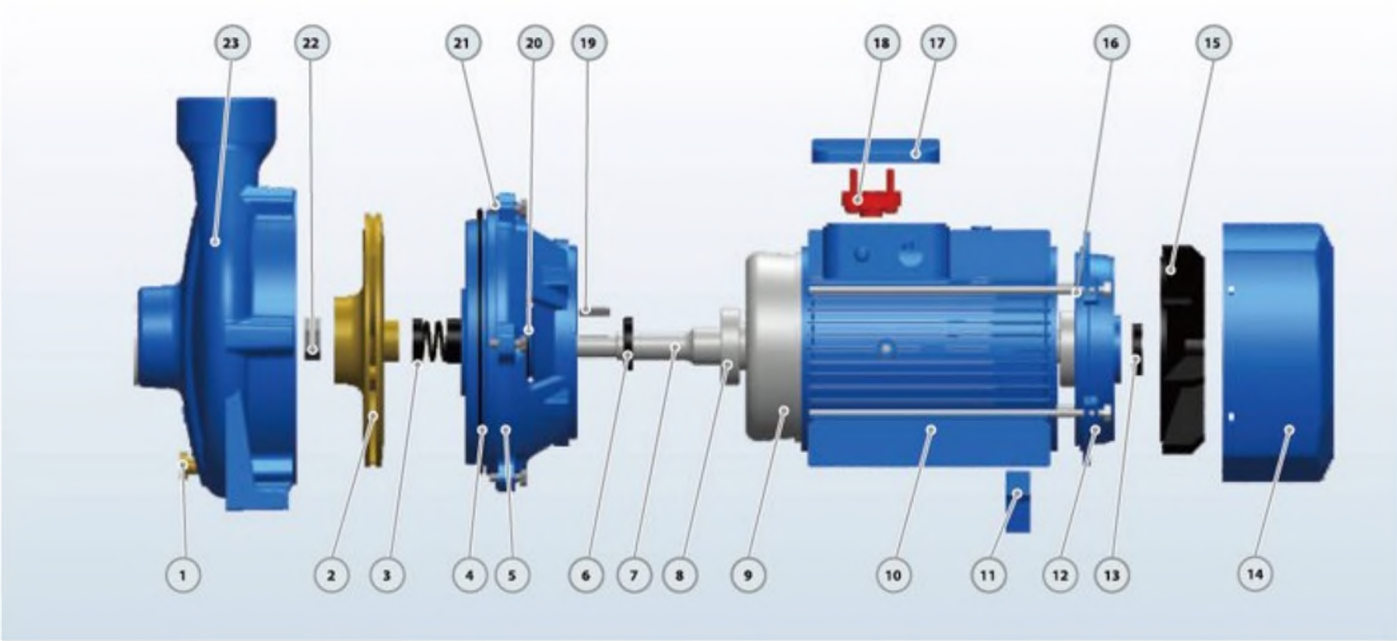
Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

PATENTS

Registered model PC
Registered Patent Design n° 201530476290.2

MATERIAL DESCRIPTION

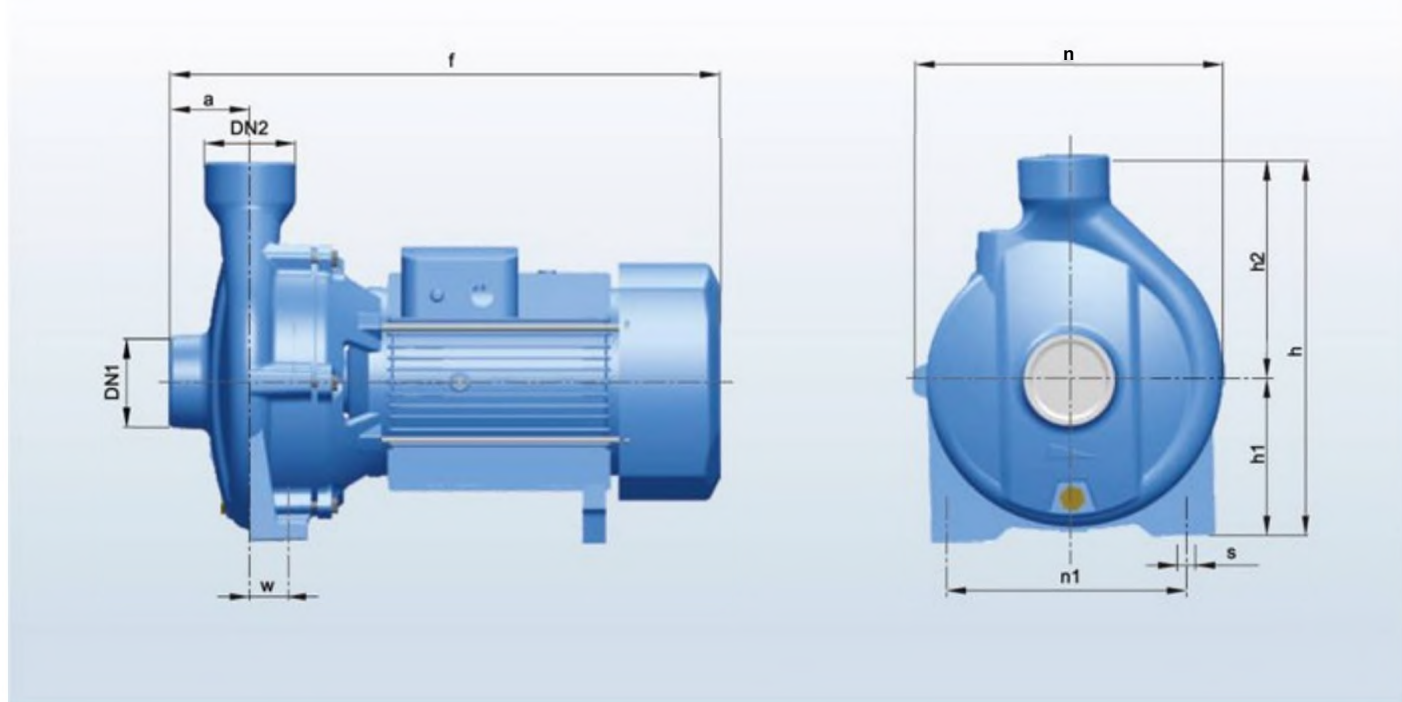
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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
-	PC 680C	50	SO	75	535	335	140	195	273	190	40	14	■	42
-	PC 680B	SO	50	75	535	335	140	195	273	190	40	14	-	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
-	PC S60C	80	80	79	578	372	163	209	263	212	32	16	-	52
-	PC 560B	80	80	79	578	372	163	209	263	212	32	16	■	64
-	PC 560A	80	80	79	578	372	163	209	263	212	32	16	-	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
-	PC 62SC	100	100	8S	593	373	163	210	267	212	32	16	-	63
-	PC625B	100	100	85	593	373	163	210	267	212	32	16	-	68
-	PC 62SA	100	100	8S	593	373	163	210	267	212	32	16	-	74
-	PC 660D	100	100	85	605	415	186	229	305	222	49	16	-	90
-	PC 660C	100	100	8S	605	415	186	229	305	如	49	16	-	106
-	PC 660B	100	100	85	605	415	186	229	305	222	49	16	-	134
-	PC 660A	100	100	8S	60S	415	186	229	305	222	49	16	■	155



Centrifugal pumps P2C

[P2C]Double Impeller Centrifugal Pumps Surface Centrifugal Pump Price

TECHNICAL DESCRIPTION

- New double impeller centrifugal pump
- Original design by PURITY
- Both square motor & round motor available
- YE3 high efficient motor, with protection IP55 class F
- Pump case with anti-corrosive coating
- Double impeller in brass
- 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

TECHNICAL DESCRIPTION

New double impeller centrifugal pump
Original design by PURITY
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Double impeller in brass
Shaft in stainless steel AISI 304 or galvanized iron
Suction and discharge port in G20 thread
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 high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors; in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fighting sets.

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

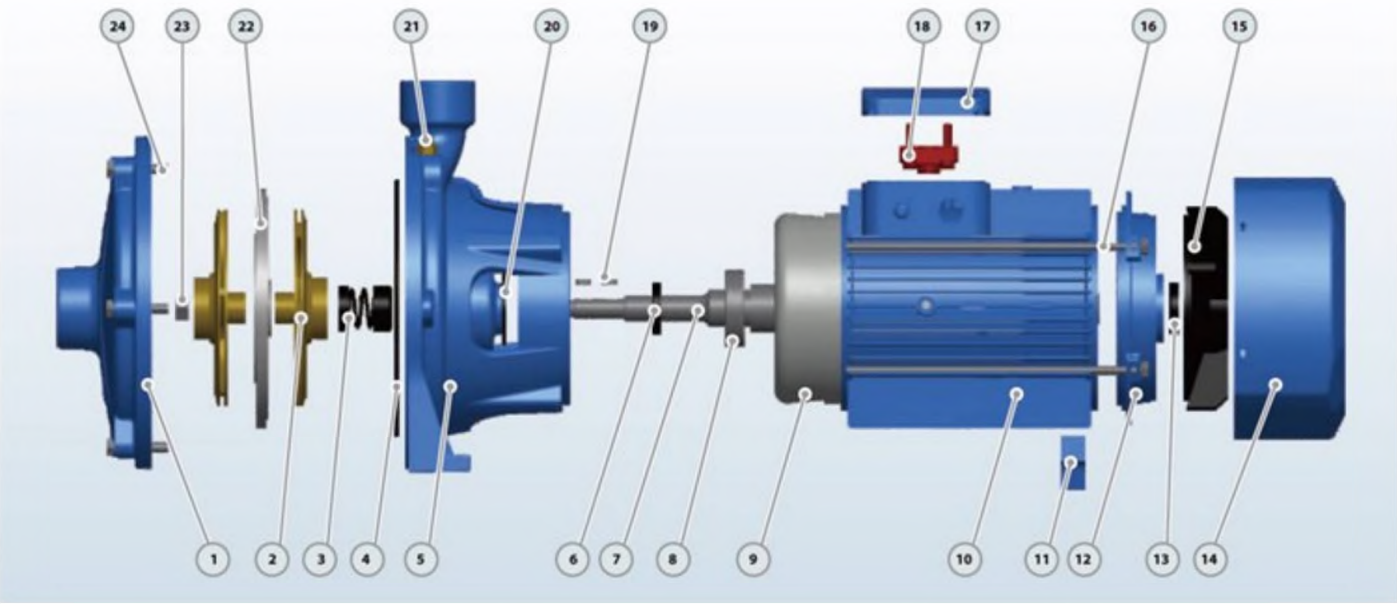
50hz

29001/min

MODEL	Power		l/min m³/h	Q=DELIVERY																		DN	
	kw	hp		0	40	50	60	70	80	90	100	110	120	140	160	180	200	250	300	350	400	450	mm
				0	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15	18	21	24	27	
25-140/11	1.1	1.5	Head H(m)	54	47.5	44.5	41	37	33	28	22												32x25
25-140/15	1.5	2		67	60	57	54	50	45	40	32												32x25
25-160/11	1.1	1.5		47	44	42	40	38	35	33	30	27	24										32x25
25-160/15	1.5	2		58	54	53	51	49	47	45	43	40	37	30									32x25
25-160/22	2.2	3		68	64.5	63	62	60	58	56	54	51	48	41	32								32x25
32-200/30	3	4		70					63	62	60.5	59	57	55	52	49.5	46.5	36					40x32
32-200/40	4	5.5		85					77	76	75	74	72	69	66	62	58	49					40x32
32-210/55	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56					50x32
32-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x32
40-210/55	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56					50x40
40-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74					50x40
50-180/40	4	5.5		62					59	58	57	56	55	55	50	48	44	36	31	23			50x50
50-180/55	5.5	7.5		72					69	68	67	66	65	65	60	58	54	46	41	33			50x50
50-180/75	7.5	10		84					81	80	79	78	76	75	72	72	66	58	53	45			50x50
40-200/92	9.2	12.5		97										91.5	91	90	88	85	80	74	68	61	50x40
40-200/110	11	15		105										100	99	98	97	93	88	83	76	69	50x40
50-200/92	9.2	12.5		97										91.5	91	90	88	85	80	74	68	61	50x50
50-200/110	11	15		105										100	99	98	97	93	88	83	76	69	50x50
40-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x40
40-250/150	15	20		130										124	123	122	120	117	113	108	102	92	50x40
40-250/185	18.5	25		145										139	138	137	136	131	126	121	114	107	50x40
40-250/220	22	30		160										155	153	152	151	146	141	135	130	122	50x40
50-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x50
50-250/150	15	20		130										124	123	122	120	117	113	108	102	92	50x50
50-250/185	18.5	25		145										139	138	137	136	131	126	121	114	107	50x50
50-250/220	22	30		160										155	153	152	151	146	141	135	130	122	50x50

MATERIAL DESCRIPTION

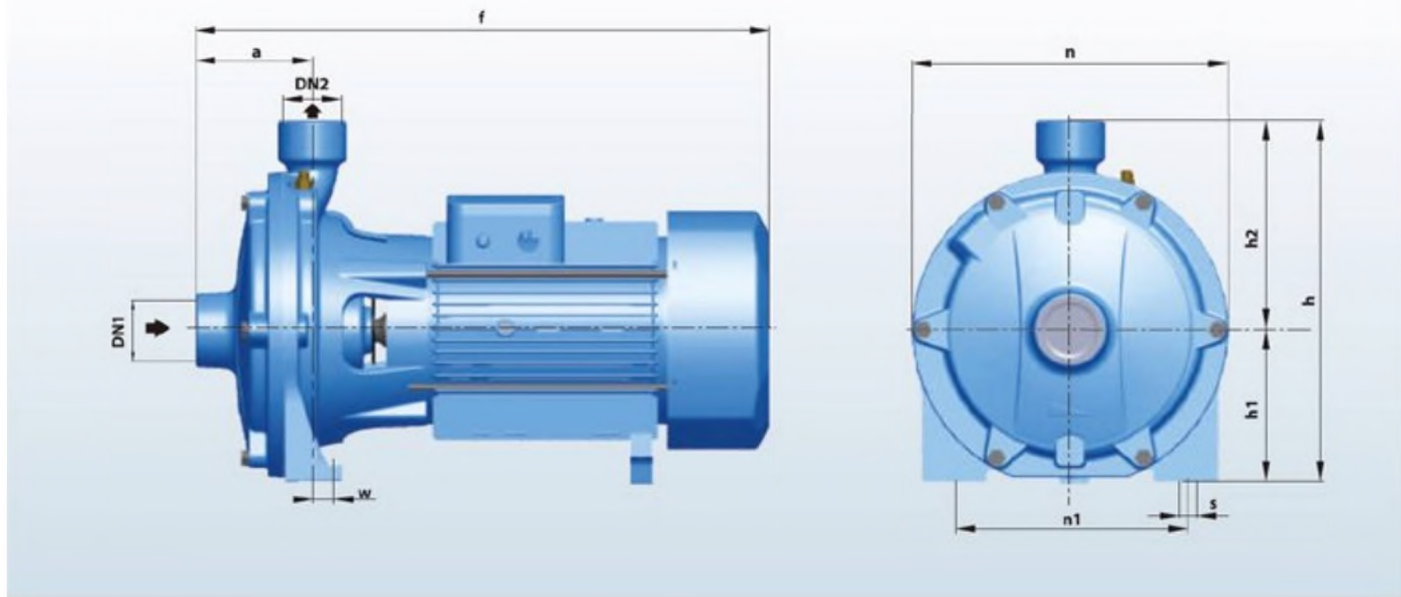
MATERIAL DESCRIPTION / DESCRIPCiòn DE MATERIAL



No.	Description	Material	No.	Description
1	Pump Case	Cast iron	9	Wound Stator/Rotor
2	Impeller	Brass	10	Motor Case
3	Mechanical Seal	SiC/Carbon/SS304	11	Support Foot
4	O-ring	Rubber	12	Back Cover
5	Connection	Cast iron	13	Reinforced Seal
6	Reinforced Seal	Rubber	14	Fan Cover
7	Shaft	SS304/45# Steel	15	Fan
8	Bearing	Ball Bearing	16	Through Bolt

DIMENSIONS ADN WEIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MOOEL / MODELO		DIMENSIONS / DIMENSIONES mm											kg	
Single-phase Mono 单相	Three-phase Trifásico	DN1	DN2	a	f	h	hi	h2	n	n1	w	s	卜	3~
25140/11	25-140/11	32	25	84	420	232	95	137	200	150	19	10	193	18.8
25 140/15	25140/15	32	25	84	420	232	95	137	200	150	19	10	24	23
25-160/11	25-160/11	32	25	84	420	270	110	160	225	172	19	11	19.8	18.8
25160/15	25-160/15	32	25	84	420	270	110	160	225	172	19	11	242	23.2
25*160/22	25-160/22	32	25	84	420	270	110	160	225	172	19	11	25.5	24.5
32200/30	32-200/30	40	-	103	503	317	132	18S	280	205	16	14	39	38
-	32.200/40	40	32	103	503	317	132	18S	280	205	16	14	-	43
-	32-210/55	50	32	108	565	352	出	197	300	246	16	14	-	54
-	32-210/75	50	32	108	565	352	155	197	300	246	16	14	-	61
-	50-1«0/40-55-75	50	50	108	56S	352	155	197	300	246	16	14	-	54
-	40-210/55-75	50	40	108	565	352	155	197	300	246	16	14	-	61
-	40-200/92	50	40	119	615	355	150	205	304	215	11	14	-	89
-	40-200/110	50	40	119	615	355	150	205	304	215	11	14	-	90
-	50-200/92	50	50	119	61S	35S	150	205	304	215	11	14	-	89
-	50-200/110	SO	50	119	615	355	150	20S	304	215	11	14	-	90
-	40*250/130	so	40	124	740	407	170	237	3S7	270	17	14	-	110
-	40-250/150	so	40	124	740	407	170	237	357	270	17	14	-	120
-	40-2SO/185	so	40	124	740	407	170	237	3S7	270	-	14	-	1B0
-	40-2SO/220	so	40	124	740	407	170	237	357	270	17	14	-	140
-	50-2SO/130	50	50	124	740	407	170	237	357	270	17	14	-	110
-	50-250/150	50	50	124	740	407	170	237	357	270	17	14	-	120
-	50-250/185	50	50	124	740	407	170	237	357	270	17	14	-	130
-	50-250/220	50	50	124	740	407	170	237	357	270	17	14	-	140

Product Description

TECHNICAL DESCRIPTION

New double impeller centrifugal pump
Original design by PURITY
Both square motor & round motor available
YE3 high efficient motor, with protection IP55 class F
Pump case with anti-corrosive coating
Double impeller in brass
Shaft in stainless steel AISI 304 or galvanized iron
Suction and discharge port in G20 thread
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 high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors; in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fighting sets.

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

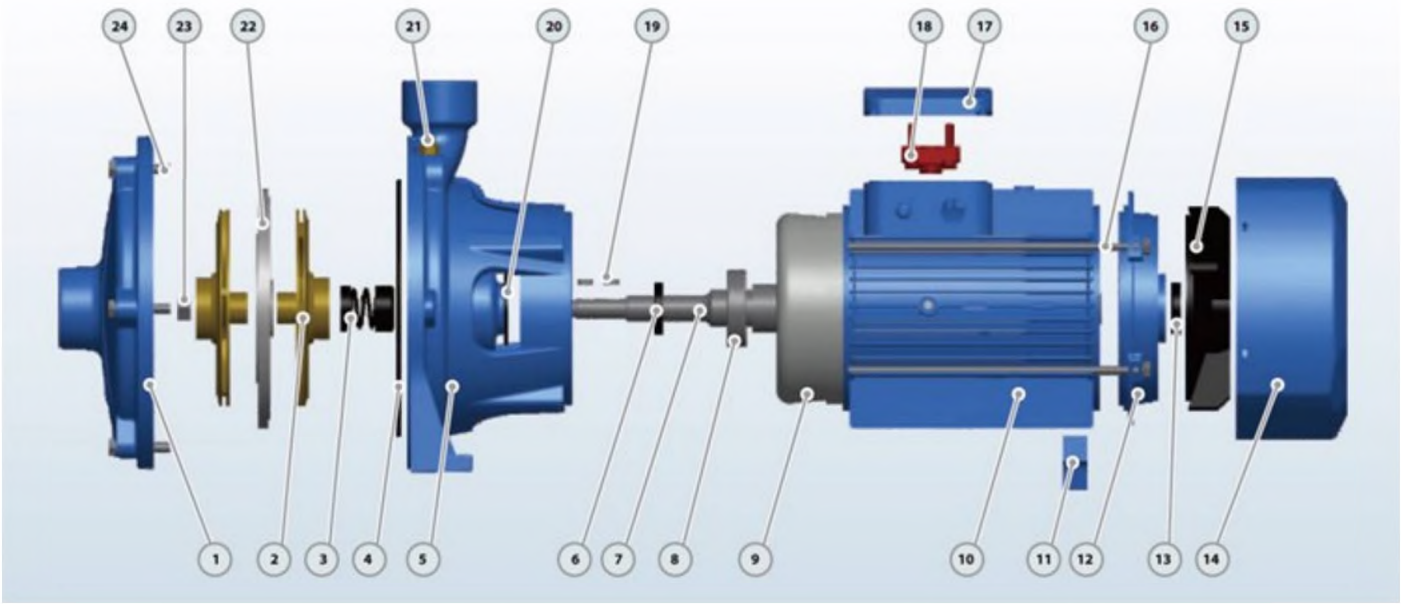
60hz

35001/min

MODEL	Power		l/min m³/h	Q=DELIVERY																		DN mm	
	kw	hp		0	40	50	60	70	80	90	100	110	120	140	160	180	200	250	300	350	400		450
				0	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15	18	21	24		27
25-140/11	1.1	1.5	Head H(m)	54	47.5	44.5	41	37	33	28	22											32x25	
25-140/15	1.5	2		67	60	57	54	50	45	40	32											32x25	
25-160/11	1.1	1.5		47	44	42	40	38	35	33	30	27	24									32x25	
25-160/15	1.5	2		58	54	53	51	49	47	45	43	40	37	30								32x25	
25-160/22	2.2	3		68	64.5	63	62	60	58	56	54	51	48	41	32							32x25	
32-200/30	3	4		70					63	62	60.5	59	57	55	52	49.5	46.5	36				40x32	
32-200/40	4	5.5		85					77	76	75	74	72	69	66	62	58	49				40x32	
32-210/55	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56				50x32	
32-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74				50x32	
40-210/55	5.5	7.5		94					91	90	89	87	85	83	79	75	70	56				50x40	
40-210/75	7.5	10		112					110	109	108	107	105	102	99	94	89	74				50x40	
50-180/40	4	5.5		62					59	58	57	56	55	55	50	48	44	36	31	23		50x50	
50-180/55	5.5	7.5		72					69	68	67	66	65	65	60	58	54	46	41	33		50x50	
50-180/75	7.5	10		84					81	80	79	78	76	75	72	72	66	58	53	45		50x50	
40-200/92	9.2	12.5		97										91.5	91	90	88	85	80	74	68	61	50x40
40-200/110	11	15		105										100	99	98	97	93	88	83	76	69	50x40
50-200/92	9.2	12.5		97										91.5	91	90	88	85	80	74	68	61	50x50
50-200/110	11	15		105										100	99	98	97	93	88	83	76	69	50x50
40-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x40
40-250/150	15	20		130										124	123	122	120	117	113	108	102	92	50x40
40-250/185	18.5	25		145										139	138	137	136	131	126	121	114	107	50x40
40-250/220	22	30		160										155	153	152	151	146	141	135	130	122	50x40
50-250/130	13	17.5		120										114	113	112	110	107	103	98	91	82	50x50
50-250/150	15	20		130										124	123	122	120	117	113	108	102	92	50x50
50-250/185	18.5	25		145										139	138	137	136	131	126	121	114	107	50x50
50-250/220	22	30		160										155	153	152	151	146	141	135	130	122	50x50

MATERIAL DESCRIPTION

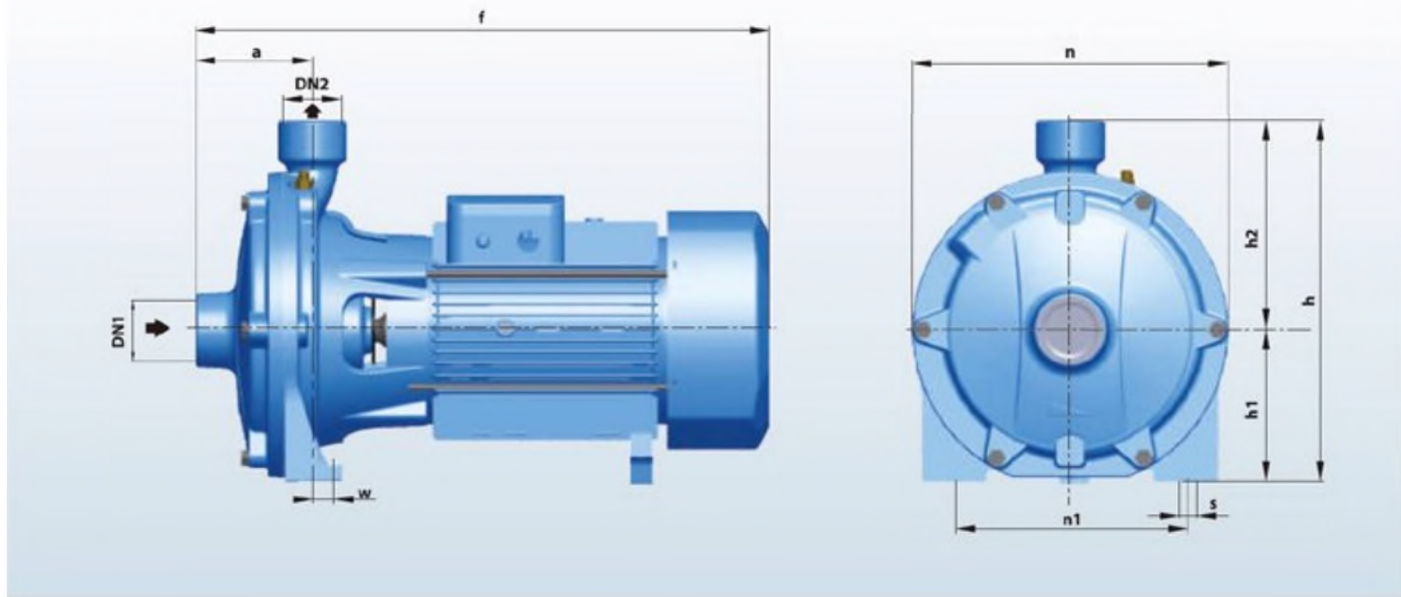
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



No.	Description	Material	No.	Description
1	Pump Case	Cast iron	9	Wound Stator/Rotor
2	Impeller	Brass	10	Motor Case
3	Mechanical Seal	SiC/Carbon/SS304	11	Support Foot
4	O-ring	Rubber	12	Back Cover
5	Connection	Cast iron	13	Reinforced Seal
6	Reinforced Seal	Rubber	14	Fan Cover
7	Shaft	SS304/45# Steel	15	Fan
8	Bearing	Ball Bearing	16	Through Bolt

DIMENSIONS ADN WEIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MOOEL / MODELO		DIMENSIONS / DIMENSIONES mm											kg	
Single-phase Mono 单相	Three-phase Trifásico	DN1	DN2	a	f	h	hi	h2	n	n1	w	s	卜	3~
25140/11	25-140/11	32	25	84	420	232	95	137	200	150	19	10	193	18.8
25 140/15	25140/15	32	25	84	420	232	95	137	200	150	19	10	24	23
25-160/11	25-160/11	32	25	84	420	270	110	160	225	172	19	11	19.8	18.8
25160/15	25-160/15	32	25	84	420	270	110	160	225	172	19	11	242	23.2
25*160/22	25-160/22	32	25	84	420	270	110	160	225	172	19	11	25.5	24.5
32200/30	32-200/30	40	-	103	503	317	132	18S	280	205	16	14	39	38
-	32.200/40	40	32	103	503	317	132	18S	280	205	16	14	-	43
-	32-210/55	50	32	108	565	352	出	197	300	246	16	14	-	54
-	32-210/75	50	32	108	565	352	155	197	300	246	16	14	-	61
-	50-1«0/40-55-75	50	50	108	56S	352	155	197	300	246	16	14	-	54
-	40-210/55-75	50	40	108	565	352	155	197	300	246	16	14	-	61
-	40-200/92	50	40	119	615	355	150	205	304	215	11	14	-	89
-	40-200/110	50	40	119	615	355	150	205	304	215	11	14	-	90
-	50-200/92	50	50	119	61S	35S	150	205	304	215	11	14	-	89
-	50-200/110	SO	50	119	615	355	150	20S	304	215	11	14	-	90
-	40*250/130	so	40	124	740	407	170	237	3S7	270	17	14	-	110
-	40-250/150	so	40	124	740	407	170	237	357	270	17	14	-	120
-	40-2SO/185	so	40	124	740	407	170	237	3S7	270	-	14	-	1B0
-	40-2SO/220	so	40	124	740	407	170	237	357	270	17	14	-	140
-	50-2SO/130	50	50	124	740	407	170	237	357	270	17	14	-	110
-	50-250/150	50	50	124	740	407	170	237	357	270	17	14	-	120
-	50-250/185	50	50	124	740	407	170	237	357	270	17	14	-	130
-	50-250/220	50	50	124	740	407	170	237	357	270	17	14	-	140



Centrifugal pumps PSM

[PSM] Bare Shaft Pump with Motor Electric Fire Water 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

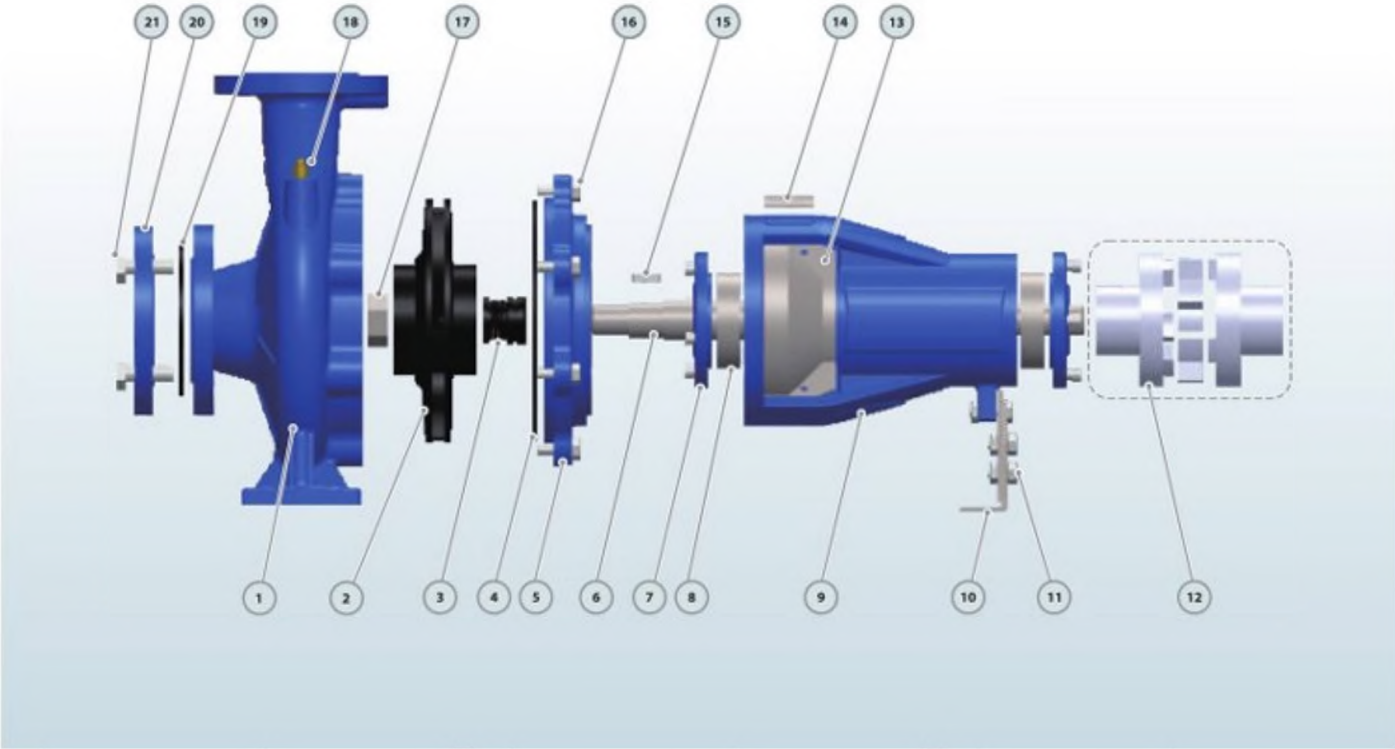
PATENTS

Registered model PST
Registered Patent Design n°201530478502.0

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			
	°	kw	hp	ir^/h	0	100	150	250	300	400	4^0	600	700	800	900	1200	1400	1500	1800	2000	2100	1000	3500		
					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	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 •	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 SD •	55	75		79.5	74.7	713	63	56	375																50x32
32-250/7 SD •	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 •	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	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	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										109.2	107.7	1053	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										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/apon/b/e

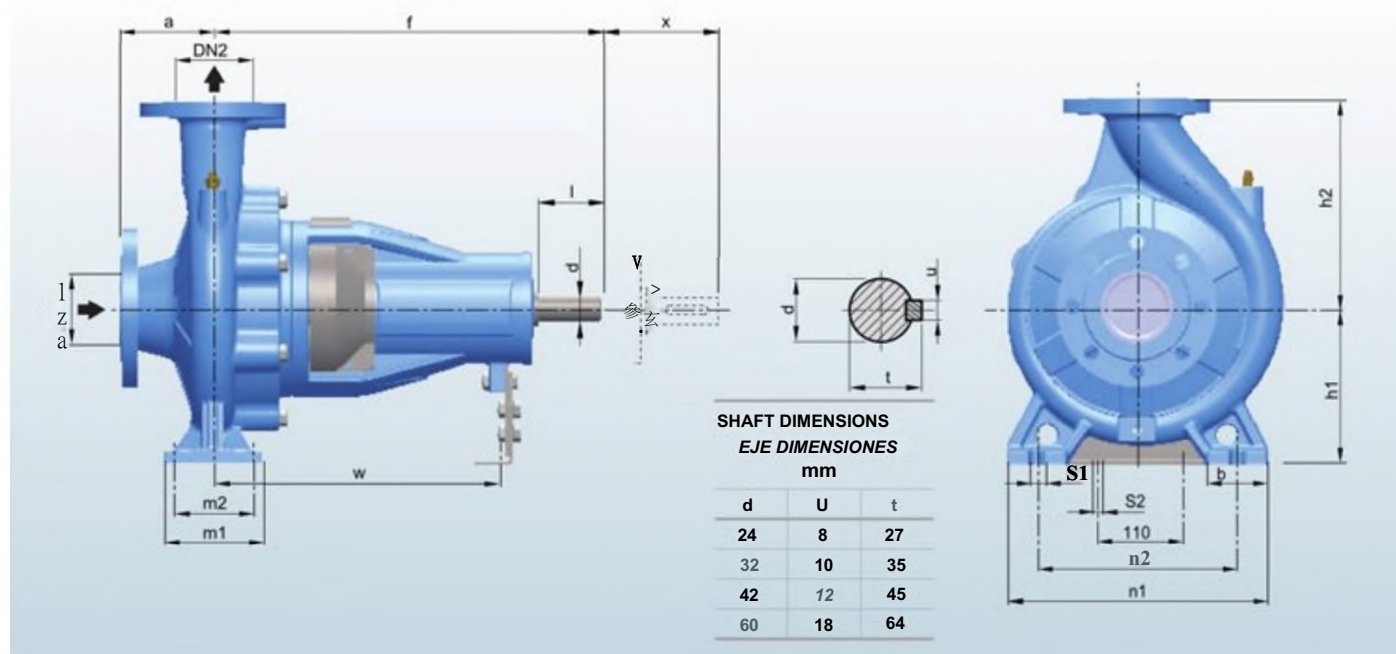
Other Sizes Can Provide On Request.



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 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

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	7 0	2 40	1 4	14	60	1 40	24	
32-160	50	1	80	60	32	160	55	8	7 0	2 40	1 4	14	60	1 40	24	5 0	35	35	35	35	35
32-200	80	^	80	60	60	180	55	\$	7 0	2 40	1 4	14	60	1 40	24	5 0	35	35	35	35	35
32-250	80		80	60	60	160	55	\$	7 0	2 40	1 4	14	60	1 40	24	5 0	35	35	35	35	35
40-160	65	S	80	60	32	180	50	100	7 0	2 65	2 1	14	60	1 40	24	5 0	35	35	35	35	35
40-200	65	S	80	60	32	225	55	125	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
40-250	65	S	80	60	32	160	65	100	7 0	2 40	1 1	14	60	1 40	24	5 0	35	35	35	35	35
S0-12S	65	?	80	60	32	180	50	100	7 0	2 65	2 1	14	60	1 40	24	5 0	35	35	35	35	35
S0160	68		90	60	1	200	55	1	7 0	2 65	2 1	14	60	1 40	24	5 0	35	35	35	35	35
50-200	88	S	80	60	32	225	50	125	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
50-250	80	S	80	60	32	180	65	125	9 5	2 80	2 1	14	60	1 40	24	5 0	35	35	35	35	35
65125	88	S	80	60	32	200	65	160	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
65-160	88	S	80	60	32	250	65	160	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
65-200	100	S	80	60	32	280	65	125	12 ^	3 60	2 1	14	60	1 40	24	5 0	35	35	35	35	35
6S2S0	100	S	80	60	32	225	65	160	18 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
6S-31S	100	S	80	60	32	250	65	160	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
80125	100	S	80	60	32	280	65	160	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
80-160	100	S	80	60	32	315	65	160	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
80-200	100	S	80	60	32	355	88	160	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
80-250	100	S	80	60	32	280	88	160	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
80-315	100	S	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
80-400	100	S	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
100-160	125	S	80	60	32	280	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
100-200	125	S	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
100-250	125	S	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
100-315	150	S	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
100-400	150	S	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
125200	150	S	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
125-2S0	150	S	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
125315	150	S	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
125-400	200	S	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
150-200	200	S	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
150-250	250	S	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
150-315	250	S	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
150-400	200	S	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
200-250	300	S	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
200-315	3	1	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
200-400		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
250-315		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
250-400		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	315	80	200	9 5	3 20	2 1	14	60	1 40	24	5 0	35	35	35	35	35
		100	80	60	32	355	88	200	9 5												

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
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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.
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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

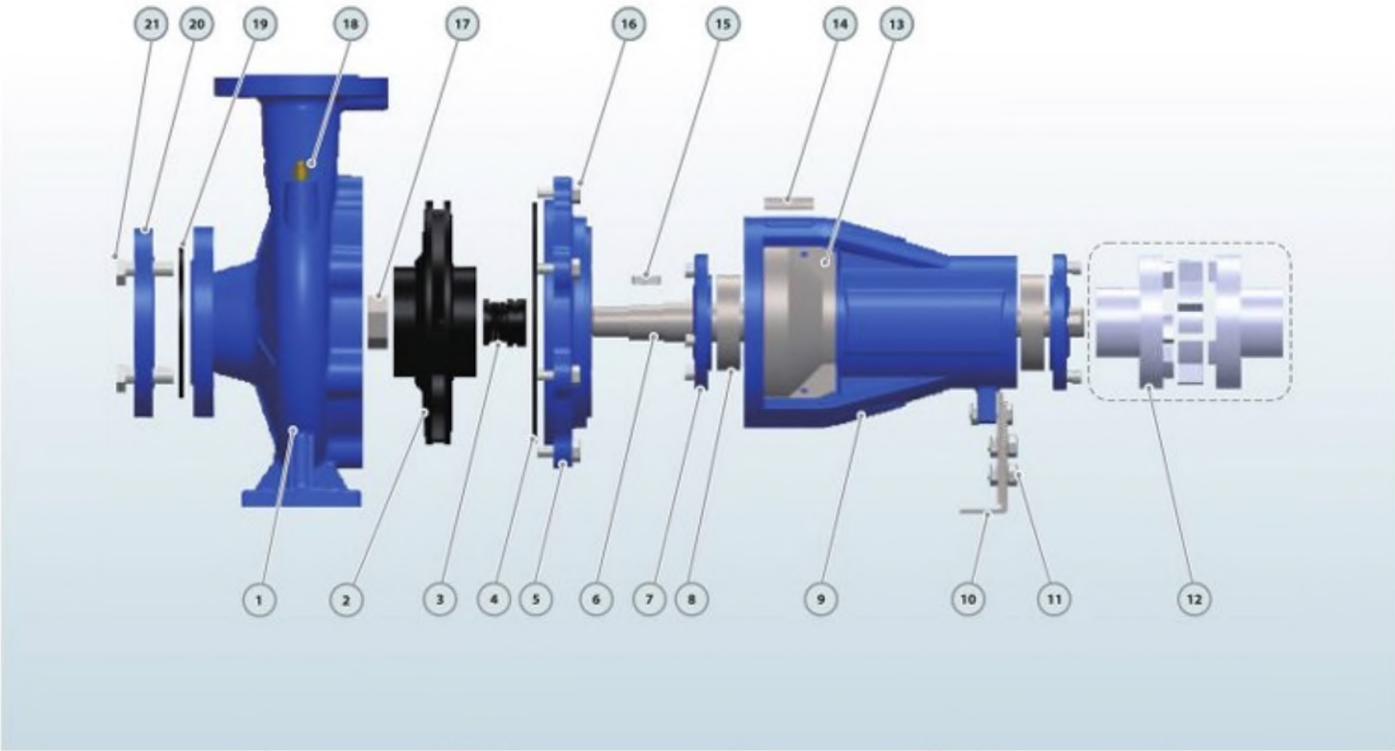
Registered model PST
Registered Patent Design n°201530478502.0

MODEL MODELO	Tower		US gpm l/min	Q= DELIVERY/ CAUDAL																			DN	
	Pot	BDCis		0	26	40	66	79	106	119	159	18S	211	238	317	370	396	476	529	608	793	925		
	!	kw	hp	ir^h	0	100	150	250	300	400	4^0	600	700	800	900	1200	1400	1500	1800	2000	2100	1000	3500	
					0	6	9	1S	18	24	27	36	42	48	S4	72	d4	90	108	120	118	180	210	mm
32-12 S/07 o	0.75	1		17.5	16.7	15	12	9															50x32	
32-125/11 o	L1	15		22	21	19.7	165	145	9														50x32	
32-160/15 •	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	S3	76	573														50x32	
40-12 5A1 o	1A	15		14.7				135	1L5	10.1	53												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				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	5Z2	47										65x40	
40-250/150 •	15	20		84.5				ao	773	752	71	65	61										65x40	
50-12S/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	1L8							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>200A10 •	11	15		57.5							535	52	50	47.5	40	34	29						65x50	
50200/150*	15	20		62							58	565	545	52	44.5	39	35.5						65x50	
50-250A50 •	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	
6512 5/40 •	4	53		19										17.3	16.8	145	13	113					80x65	
65 125/5S •	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			80x6S	
65-160/110 •	11	15		36											34.5	33	315	303	28	25.5			80x65	
65-160A50 •	15	20		42											41	40	385	373	35	33	29.5		80x65	
65-200AS0 •	15	20		45											45.5	43	41	402	36.5	34			80x65	
6S-200/18S •	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		d0x65	
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-315/4S0*	45	60		112											1092	107.7	1053	104.5	102.5	100	93	66	d0x65	
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	S0x6S
d0-125/40 •	4	55		17										1&5	15.9	143	13.5	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/apon/b/e

Other Sizes Can Provide On Request.

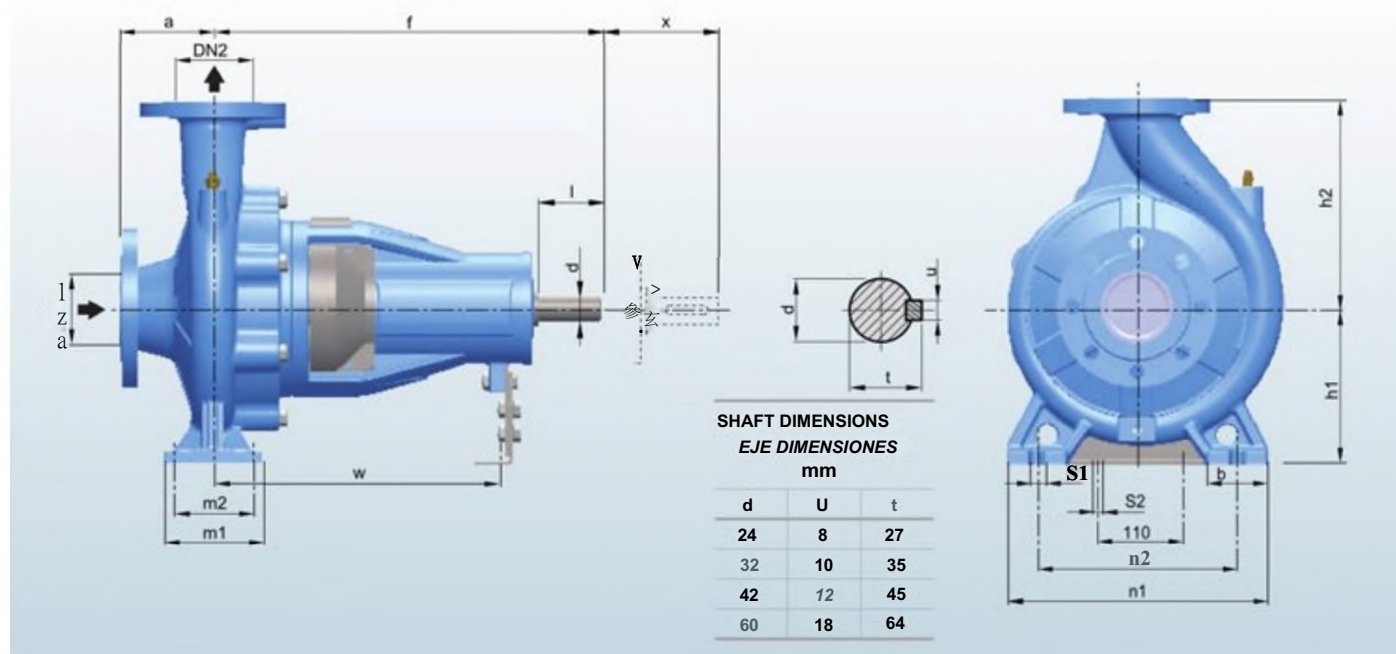
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No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	Cast iron Fundición	8	Bearing Rodamiento	Ball Bearing Bola Rodamiento	15	Impeller 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

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	7 0	2 40	1 4	4	x	d	l	
32-160	50	1	80	60	32	160	55	8						7 0	2 40	1 4	4	100	24	50	S
32-200	80	^	80	60	60	180	55	\$						7 0	2 40	1 4	14	100	24	50	S
32-250	80		80	60	60	160	55	\$						7 0	2 40	1 4	14	100	24	50	S
40-160	65	S	80	60	32	180	50	100						7 0	2 65	2 1	14	100	24	50	S
40-200	65	S	80	60	32	225	55	125						9 5	3 20	2 1	14	100	24	50	S
40-250	65	S	80	60	32	160	65	100						7 0	2 40	1 1	14	100	24	50	S
50-12S	65	?	80	60	32	180	50	\$						7 0	2 65	2 1	14	100	24	50	S
S0160	68		90	60	1	200	55	1						9 5	3 20	2 1	14	100	24	50	S
50-200	88	S	80	60	30	225	50							9 5	3 20	2 1	14	100	24	50	S
50-250	80	S	80	60	30	180	65	12s						9 5	2 80	2 1	14	100	24	50	S
65125	88	S	80	60	30	200	65	12s						9 5	2 80	2 1	14	100	24	50	S
65-160	88	S	80	60	30	250	65	160						9 5	3 20	2 1	14	100	24	50	S
65-200	100	S	80	60	30	280	65	125						12 ^	3 60	2 1	14	100	32	80	S
65-250	100	S	80	60	30	225	s	3						18 5	3 20	2 1	14	100	24	50	S
6S2S0	100	S	80	60	30	225								9 5	4 5	2 1	14	100	24	50	S
6S-31S	100	S	80	60	30	280	65	160						多	4 00	2 1	14	100	32	80	S
80125	100	S	80	60	30	315	65	160							4 00	3 1	14	100	24	50	S
80-160	100	S	80	60	30	355	88	160							4 00	3 1	14	100	32	8	S
80-200	100	S	80	60	30	280	88	160							3 60	2 1	14	100	32	8	S
80-250		S	80	60	30	280	80	200						1 20	41 00	3 1	14	100	32	8	S
80-315		S	80	60	30	315	80	200						20	45 00	4 1	13	140	42		118
80-400		S	80	60	30	315	88	200						20	45 00	4 1	13	140	32	18	150
100-160	125	S	80	60	30	355	80	200						20	41 00	3 1	14	140	32	8	s
100-200	125	S	80	60	30	355	80	200						20	46 00	4 1	13	140	32		
100-250	125	S	80	60	30	400	100	200						20	5 00	4 1	13	140	42	11	
100-315	150	S	80	60	30	400	100	200						20	5 50	4 1	13	140	32	18 0	116
100-400	150	S	80	60	30	400	100	200						20	5 50	4 1	13	140	42	11 0	178
125200	150	S	80	60	30	480	100	300						20	5 50	4 1	13	140	2	11 0	112
125-2S0	150	S	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11 0	112
125315	150	S	80	60	30	480	100	300						20	5 50	4 1	13	140	2	11 0	182
125-400	200	S	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	200
150-200	200	S	80	60	30	480	100	300						20	5 50	4 1	13	140	42	14 0	166
150-250	250	S	80	60	30	480	100	300						20	5 50	4 1	13	140	42	14 0	180
150-315	250	S	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	186
150-400	250	S	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	186
200-250	300	S	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	228
200-315	3	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
200-400		1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
250-315	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
250-400	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140	42	11	230
	100	1	80	60	30	480	100	300						20	5 50	4 1	13	140			



Centrifugal 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

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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

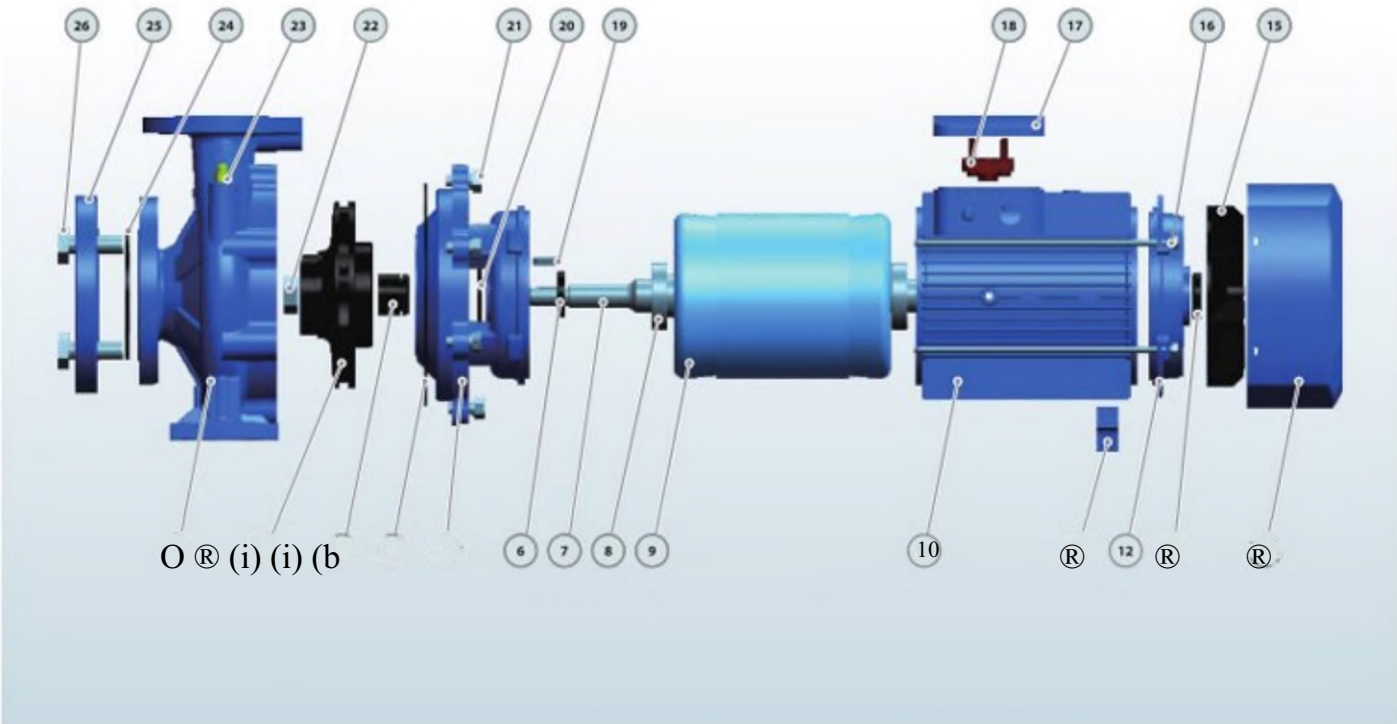
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																			DN			
	Potencia	I		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925				
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500				
				kw	hp	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	118		180	210	
			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	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

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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
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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 TÉCNICOS
1/min

60Hz n=3500

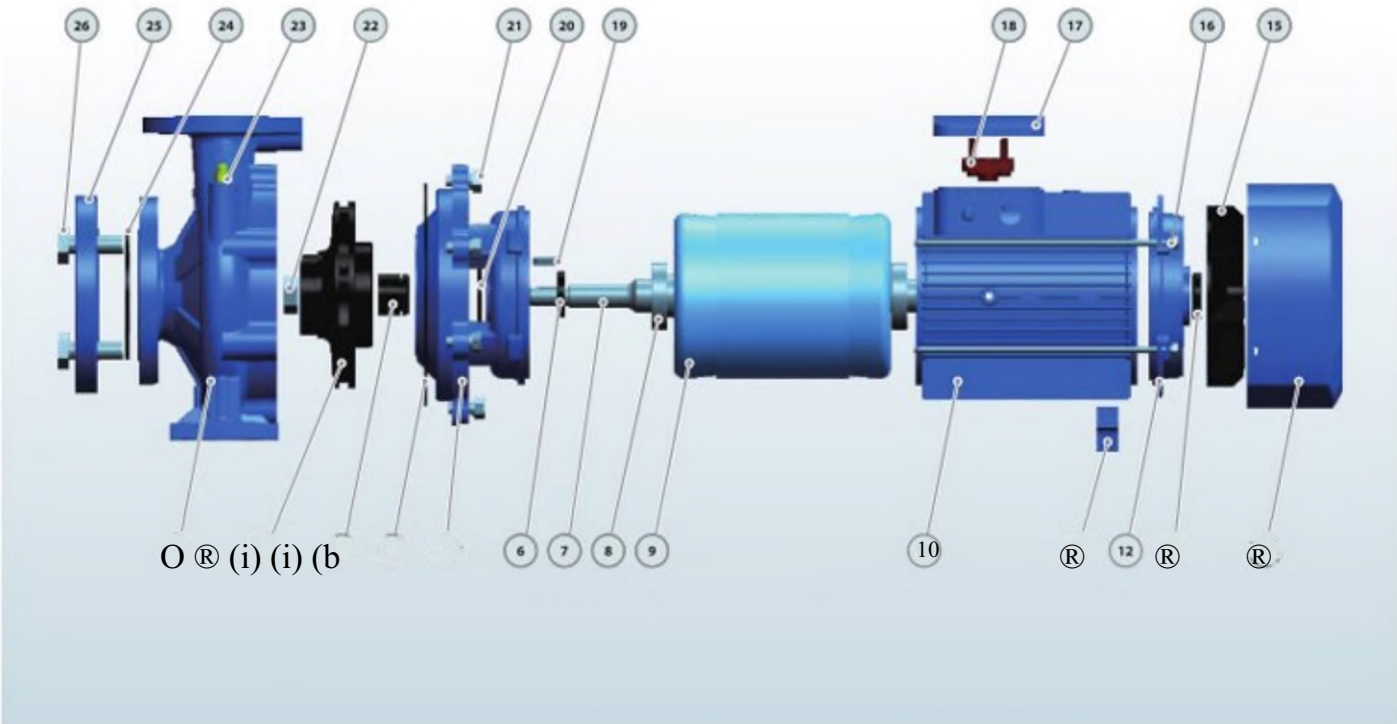
MODEL MODELO	Tower		US gpm l/min m³/h	Q= DELIVERY/ CAUDAL																		DN		
	Potencia	I		0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793		925	
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000		3500	
				kw	hp	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120		118	180
			H(m)																					
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			



Centrifugal pumps PZ

[PZ]Series Monoblock Centrifugal Pump for water supply From Purity Pump Factory

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



Stainless water pump

Technical Data

Lift range: 2-7 Bar

Flow range: 240m³/h



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

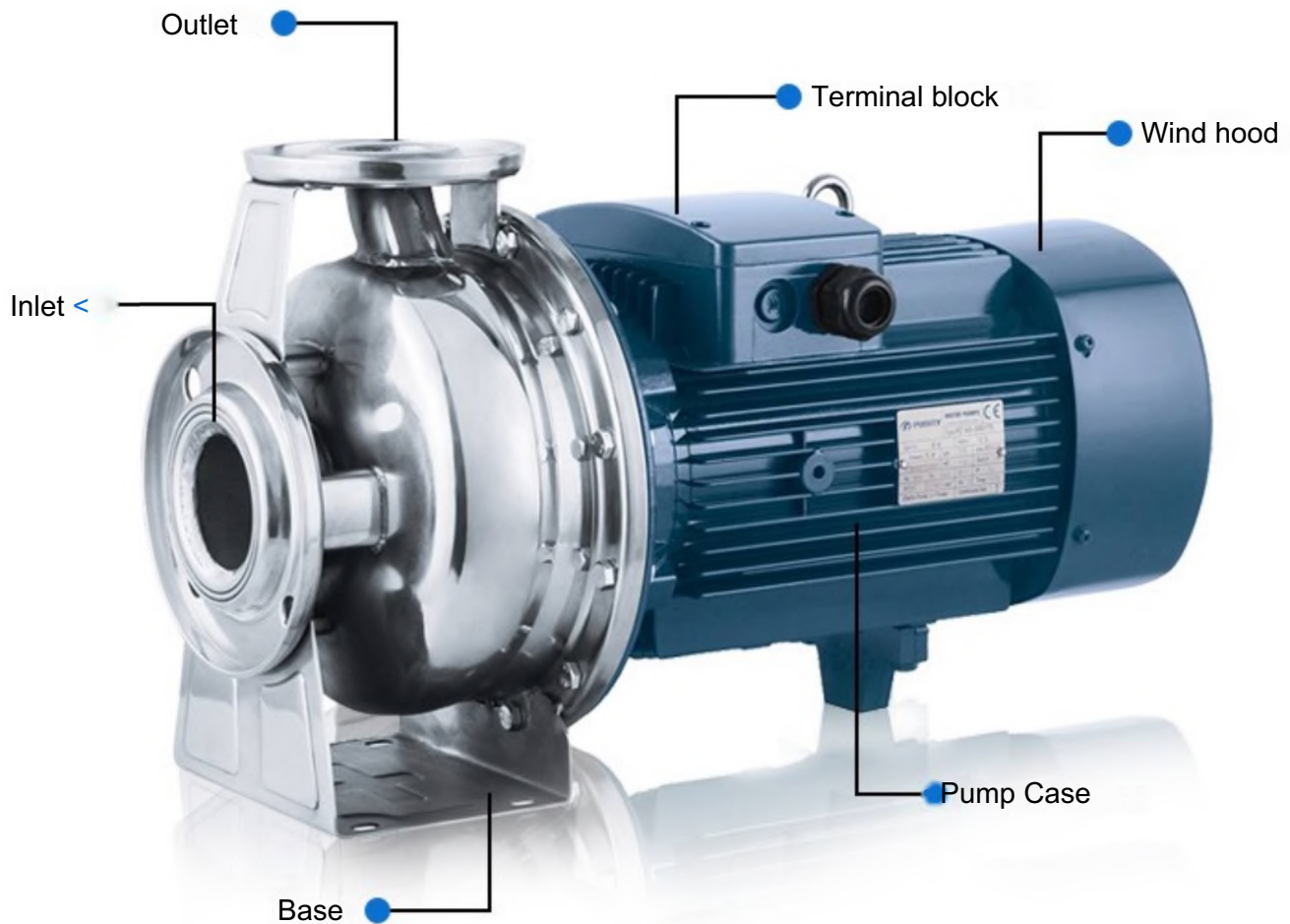


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION : 磯綠



Model Description

PZ	32	-	160	/	11	
						Rated Power(1/10kw)
						Impeller Diameter(mm)
						Outlet diameter(mm)
						Pump Model

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

MODEL MODELO	Power Potencia		l/min	Q=DELIVERY / CAUDAL																			DN
	kw	tip		0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000	
			m³/h	0	9	12	18	20	24	36	42	54	72	114	126	132	138	150	204	216	228	240	mm
32-160/11	LI	1.5	H(m)	22.5	19.9	18.4	14.1	12														50x32	
32-160/15	L5	2		29.5	26.5	24.5	19.2	17														50x32	
32-160/22	2.2	3		37	M	32	27	25														50x32	
32-200/30	3	4		44	40	37.5	31	28														50x32	
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37													50x32	
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51													50x32	
40-125/1S	1.5	2		20		19	17.6	17	15.7	10.3	7											65x40	
40-125/22	2.2	3		265		25.5	24	235	22	164	13											65x40	
40-160/30	3	4		31		29.5	27.5	27	25.5	20	n											65x40	
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5											65x40	
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31											65x40	
40-200/75	7.5	10		58		57	55.5	55	53.5	44	44											65x40	
40-200/110	11	15		72		71	70	70	68.5	63	59											65x40	
50-125/22	2.2	3		19					17.5	149	13.4	10.7										65x50	
50-125/30	3	4		22					20.5	18.4	17	14.4	8									65x50	
50-125/40	4	5.5		265					26	24	22.5	20.5	14									65x50	
50-160/55	5.5	7.5		33					31	285	27	24.5	18									65x50	
50-160/75	7.5	10		40					38.5	36	35	32.5	26									65x50	
50-200/92	9.2	12.5		S3					49	47.5	44.5	34										65x50	
50-200/110	11	15		59					55	54	51	42										65x50	
50*200/150	15	20		72					69	68	65	57										65x50	
65-125/40	4	5.5		22.2					19.8	19	17.3	135	6.3									80x65	
65-125/55	5.5	7.5		27						24	22.2	185	108	8								80x65	
65-125/75	7.5	10		32						29.5	27.8	24	16.1	13.4	12							80x65	
65-160/92	9.2	12.5		365						34.5	32.8	29	21.1	183	16.8							80x65	
65-160/110	11	15		40.5						38.5	37.1	33.5	25.8	23	21.5	20						80x65	
65-160/150	15	20		48						45.5	44	40.5	32.6	29.6	28	26.5						80x65	
65-200/150	15	20		53.5						51	49	44.5	35.3	31.8	30							80x65	
65-200/185	18.5	25		60.5						58.5	56.5	52	43	39.7	38	36.3						80x65	
65-200/220	22	30		67						65.5	64	60	51	48	46.5	45						80x65	
80-160/110	11	15		29								27.5	24.2	23	22.4	21.8	20.4	12.5				100x80	
80-160/150	15	20		35								34.5	31.5	305	30	29.4	28.1	21	19.1	17		100x80	
80-160/185	18.5	25		40								39.5	367	35.7	35.2	34.7	33.5	26.4	24.4	22.3	20	100x80	
80-200/220	22	JO		50								48.5	44.5	43	42	41	39	27.8	25			100x80	
80*200/300	30	40		60								59	56	545	54	53	51	41.5	39	36.1	33	100x80	
80-200/370	37	50		66								64	61	595	59	58	56.5	47	44.5	41.5	38.5	100x80	

Performance curve graph showing Head (m) vs. Flow (CHM/h) for various pump models. The graph includes curves for models 200/55, 200/40, 200/30, 160/22, 160/15, and 160/11. The y-axis is labeled 'Head / Altura H(m)' and ranges from 0 to 80. The x-axis is labeled 'Flow / Caudal Q (CHM/h)' and ranges from 0 to 32. The curves show that head decreases as flow increases for all models.

50 Hz n=29001/min

Flow Q (m³/h)	200/110	200/75	200/55	160/40	160/30	125/22
0	75	58	40	30	22	15
10	72	55	38	28	20	13
20	68	50	35	25	18	11
30	62	45	30	21	15	8
40	55	38	25	17	12	5

The graph displays the performance characteristics of several pump models. The y-axis represents Head / Altura H in meters (m), ranging from 0 to 80. The x-axis represents Flow / Cauda Q in cubic meters per hour (m³/h), ranging from 0 to 80. The curves show that as flow increases, the head decreases for all models. The 200/150 model provides the highest head, while the 125/22 model provides the lowest head across the flow range.

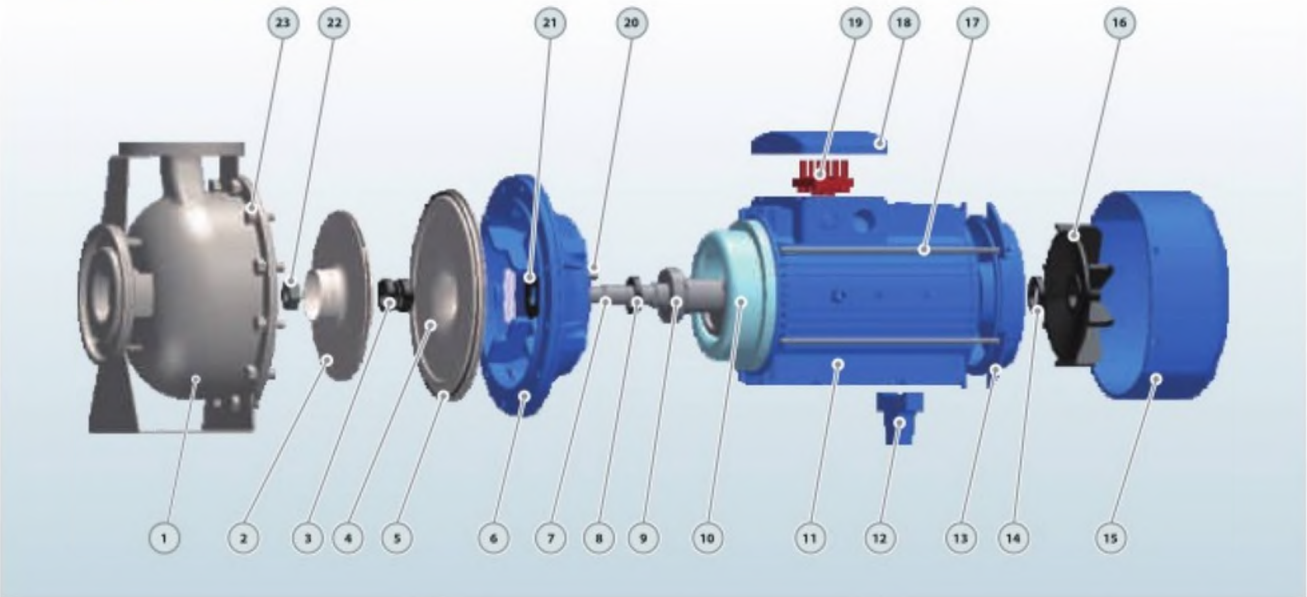
Flow / Cauda Q (m³/h)	200/150 H (m)	200/110 H (m)	200/92 H (m)	160/75 H (m)	160/55 H (m)	125/40 H (m)	125/30 H (m)	125/22 H (m)
0	75	58	52	42	35	28	22	18
10	74	57	51	41	34	27	21	17
20	72	55	49	39	32	26	20	16
30	70	53	47	37	30	25	19	15
40	68	51	45	35	28	24	18	14
50	65	48	42	32	26	23	17	13
60	62	45	39	29	24	22	16	12
70	58	42	36	26	22	21	15	11

The graph displays the performance of the 1000 series pumps. The vertical axis represents Head / Altura H (m) from 0 to 70. The horizontal axis represents Flow / Cauda / Q (m³/h) from 0 to 140. Eight performance curves are shown, each labeled with a pump model number. The curves show that head decreases as flow increases for all models.

Flow (m³/h)	125/40 (m)	125/55 (m)	125/75 (m)	160/92 (m)	160/110 (m)	160/150 (m)	200/185 (m)	200/220 (m)
0	23	28	33	38	43	48	53	58
20	22	27	32	37	42	47	52	57
40	21	26	31	36	41	46	51	56
60	20	25	30	35	40	45	50	55
80	19	24	29	34	39	44	49	54
100	18	23	28	33	38	43	48	53
120	17	22	27	32	37	42	47	52
140	16	21	26	31	36	41	46	51

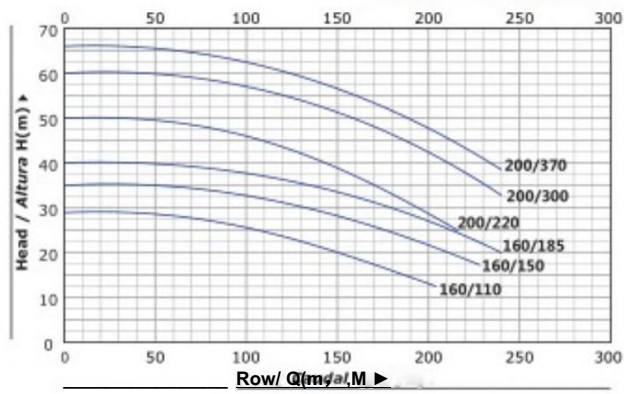
PZ 65

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



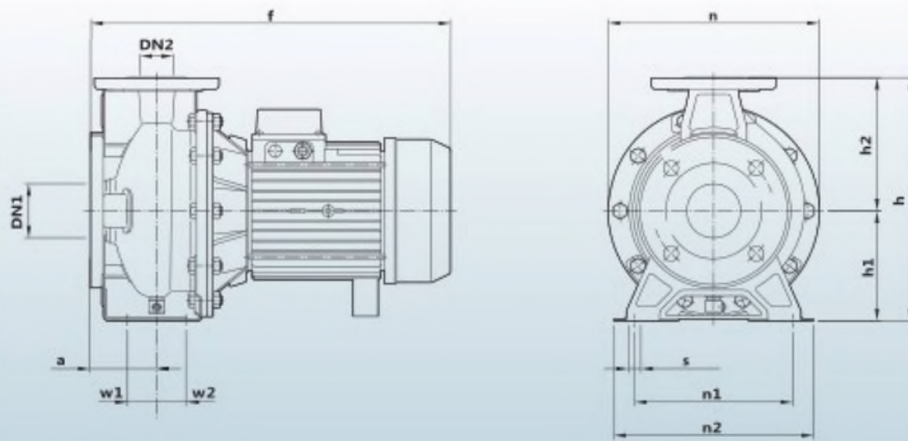
No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	SS304	9	Bearing	Ball Bearing	17	Through Bolt	Steel
2	Impeller	SS304	10	Wound Stator/Rotor	Silicon Steel/Copper	18	Terminal Box	Aluminum
3	Mechanical Seal	SiO ₂ Cartx (VSS304)	11	Motor Case	Aluminum	19	Terminal Board	Plastic
4	Baffle Plate	SS304	12	Support Foot	Plastic	20	Impeller Key	Iron
5	O-ring	Rubber	13	Back Cover	Cast Iron	21	Water Deflector	Rubber
6	Connection	Cast Iron	14	Reforced Seal	Rubber	22	Impeller Nut	Galvanized Steel
7	Shaft	SS304	15	Fan Cover	Aluminum	23	Connection Bolt	Steel
8	Reinforced Seal	Rubber	16	Fan	Plastic			

50 Hz n=2900 1/min



PZ 80

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm													kg	
Single-phase Monofes/co	Three-phase Trifasico	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1	3-
32-160/11-IS	32-160/11-IS	50	32	100	493	306	150	156	235	148	175	60	31	15	20.6/23.5	19.6/22.5
32-160/22	32-160/22	50	32	100	493	306	ISO	156	235	148	175	60	31	15	2S.6	24.6
32-200/30	32-200/30-40	50	32	100	538	306	150	156	235	148	175	60	31	15	33.8	32.8/39.5
.	32-200/55	50	32	LC<	5^8	306	150	156	235	148	175	60	31	15	-	48.5
40-125/15-22	40-12S/15-22	65	40	100	493	306	150	156	235	148	175	60	31	15	21.1/23.7	20.1/22.7
40-160/30	40-160/30-40	65	40	105	542	J40	160	180	278	148	175	60	31	15	29	28/35.1
.	40-200/55-75	6S	40	10S	S84	340	160	180	278	148	175	60	31	15	-	48.8/56.2
-	40-200/110	6S	40	LC5	650	S40	160	180	235	148	175	60	31	15	-	67.5
50-125/22	S0125/22	6S	50	100	428	340	160	180	235	148	175	60	31	15	29.1	28.1
S0-12S/30	50-125/30-40	6S	50	100	493	340	160	180	278	148	175	60	31	15	29.6	28.6/35J
.	50-160/55-75	65	50	105	584	340	160	180	278	148	175	60	31	15	-	49.1/55.5
-	50-200/92110	65	50	105	650	365	185	180	278	148	175	60	31	15	-	6L7/67.5
.	50-200/150	6S	so	105	768	365	185	180	278	148	175	60	31	15	-	96
-	6S125/40	80	65	100	584	J40	160	180	278	148	175	60	31	15	-	40
泰	65-125/55-75	80	65	100	584	340	160	180	278	148	175	60	31	15	-	S2/58.5
.	65-160/92-110	80	65	113	675	MS	160	185	278	148	175	60	31	15	-	67/75.6
.	65-160/150	80	6S	113	732	S45	160	18S	278	148	175	60	31	15	-	93
-	65-200/150-18S	80	65	113	793	370	18S	18 S	278	148	175	60	31	15	-	114/127
-	6S-200/220	80	6S	113	793	370	18S	18S	278	148	175	60	31	15	-	136
-	80-160/110	100	80	125	700	400	180	220	278	148	175	60	31	15	-	85
.	80-160/1S0185	100	80	125	870	400	180	220	278	148	175	60	31	15	-	119/135
*	80-200/220	100	80	125	915	450	200	250	278	148	175	60	31	15	-	185
-	80-200/300-370	100	80	125	985	450	200	250	278	148	175	60	31	15	-	265/28S



Stainless water pump

Technical Data

Lift range:2-7Bar

Flow range:240m³/h



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

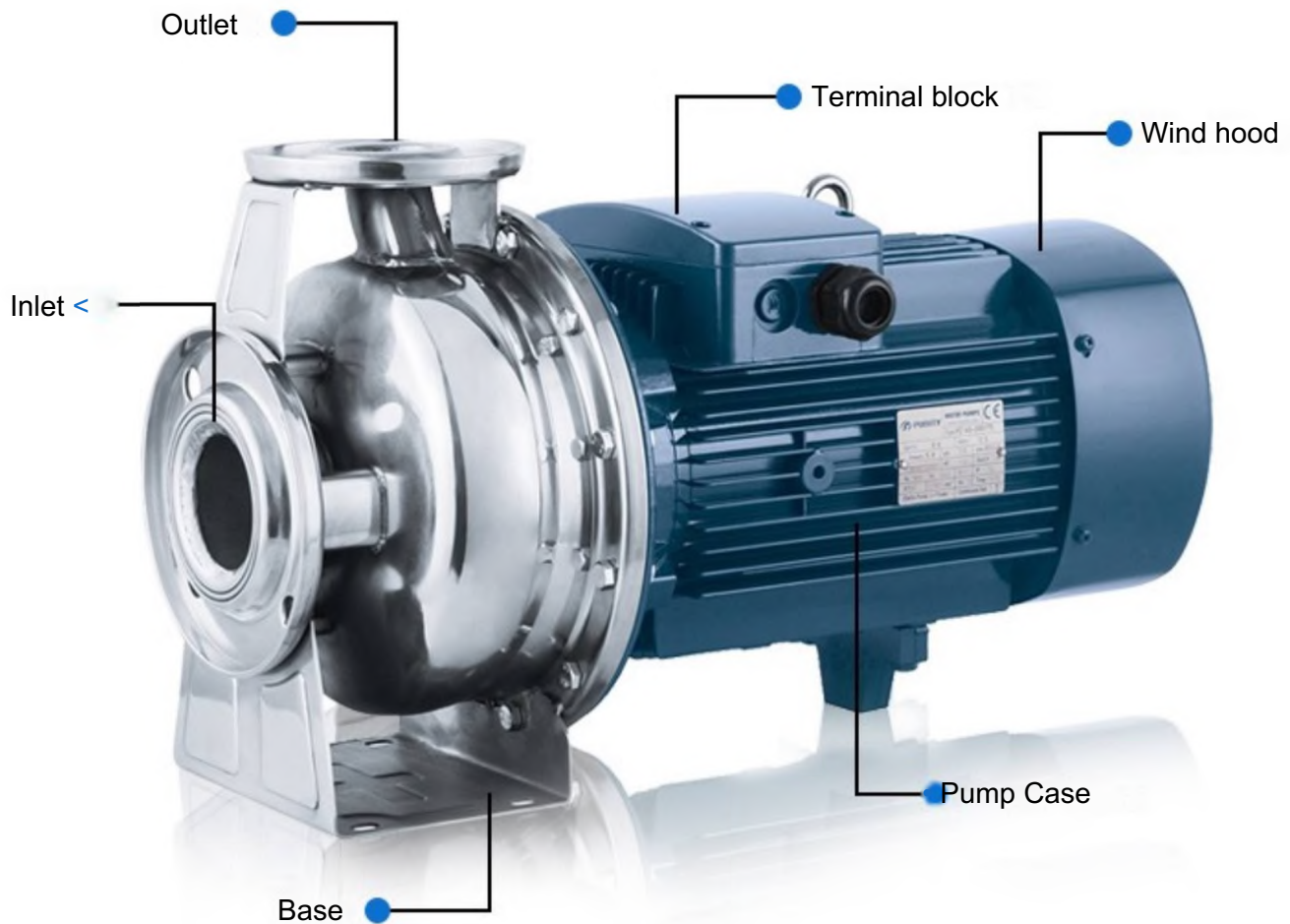


Costormized
Sizes & Pumps



Good Quality & Service
2-Years Guarantee

PRODUCT INFORMATION : 磯綠



Model Description

PZ 32 - 160 / 11

Rated Power(1/10kw)

Impeller Diameter(mm)

Outlet diameter(mm)

Pump Model

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

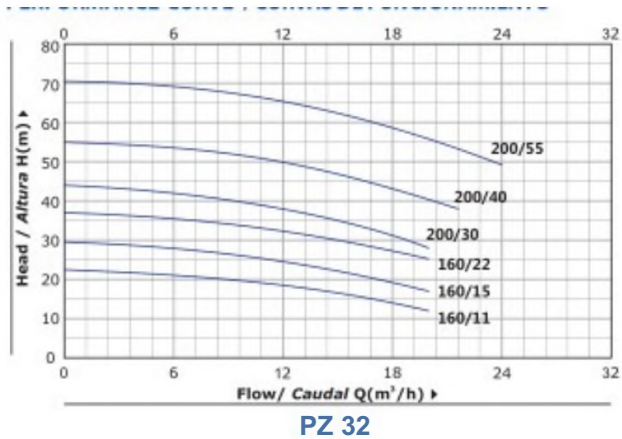
Liquid temperature between -10°C and +120°C

Ambient temperature up to +50°C

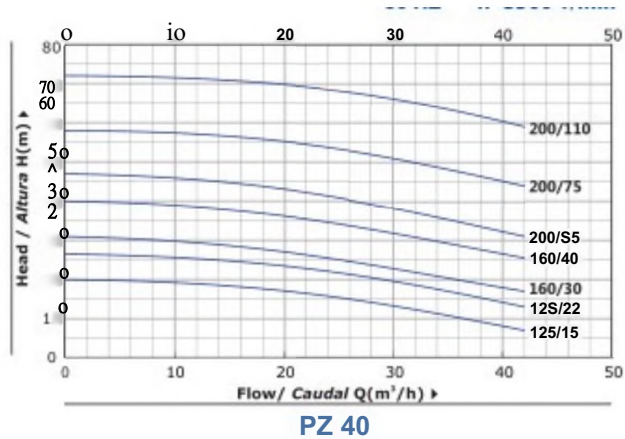
Max. working pressure 16 bar

Continuous service S1

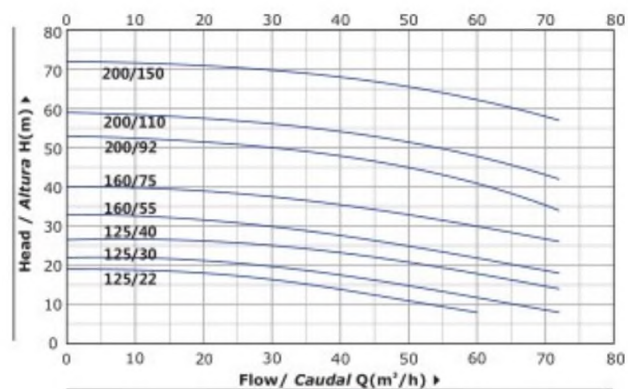
MODEL MODELO	Power Potencia		H _{VM} m³/h	Q«DELIVERY 1 CAUDAL																			ON
				0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000	
	kw	hp		0	9	12	18	20	24	36	42	54	72	114	126	132	138	150	204	216	228	240	mm
32*160/11	LI	1.5	H(m)	22.5	199	18.4	14.1	12														SOX32	
32160/1S	L5	2		29.5	26.5	24.5	19.2	17														50x32	
32-160/22	22	3		37 M		32	27	25														50x32	
32-200/30	3	4		44	40	37.5	打	28														50x32	
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37													S0x32	
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51													50x32	
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7											65x40	
40-125/22	2.2	3		265		25.5	24	235	22	164	13											65x40	
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17											65x40	
40-160/40	4	S.S		40		38.5	37	36	34.5	29	2S.5											65x40	
40-200/55	5.5	7.5		47		4S.S	44	43	41	35	31											65x40	
40-200/75	7.5	10		58		57	S5.S	S5	S3.5	47.5	44											65x40	
40-200/110	11	15		72		71	70	70	68.5	63	59											6Sx40	
50-125/22	2.2	3		19					17.5	149	13.4	10.7										65xS0	
50-125/30	3	4		22					20.5	184	17	14.4	8									65x50	
50-125/40	4	5.5		265					26	24	22.5	20.5	14									65x50	
S0-160/5S	55	7.5		33					31	285	27	24.5	18									65x50	
50-160/75	7.5	10		40					38.5	36	35	32.S	26									65x50	
50-200/92	9.2	12.5		S3		—				49	47.5	44.5	34									65x50	
50-200/HO	11	15		59						S5	54	51	42									65x50	
50-200/150	15	20		72						69	68	65	57									65xS0	
65-125/40	4	55		22.2						19.8	19	17.3	13.5	6.3								80x65	
6S-125/55	5.5	7.5		27							24	22.2	185	10.8	8							80x6S	
65-125/75	7.5	10		32							29.5	27.8	24	161	13.4	12						80x65	
65-160/92	9.2	12.5		36.5							34.5	32.8	29	2L1	183	16.8						84)x6S	
65-160/110	11	15		40.5							385	37.1	33.5	25.8	23	21.5	20					80x65	
65-160/1S0	15	20		48							45.5	44	40.5	32.6	29.6	28	26.5					80x65	
6S-200/150	15	20		53.5							51	49	44.5	35.3	31.8	30						80x65	
65-200/185	18.5	25		60.5			—				58.5	565	52	43	39.7	38	36.3					80x65	
65-200/220	22	30		67							65.5	64	60	51	48	46.5	45					80x6S	
80-160/110	n	15		29									275	24.2	23	22.4	21.8	20.4	12.5			100x80	
80-160/150	15	20		35									34.5	31.5	30.S	30	29.4	28.1	21	19.1	17	100x80	
80-160/18S	18.5	25		40				;					39.5	36.7	35.7	35.2	34.7	33.5	26.4	24.4	22.3	20	100x80
80200/220	22	扣		50									48.5	44.5	43	42	灯	39	27.8	25		100x80	
80-200/300	30	40		60									59	56	545	54	53	SI	41.5	39	36.1	33	100x80
80.200/370	37	so		66									64	61	59.5	59	58	56.5	47	44.5	41.5	38.5	100x80



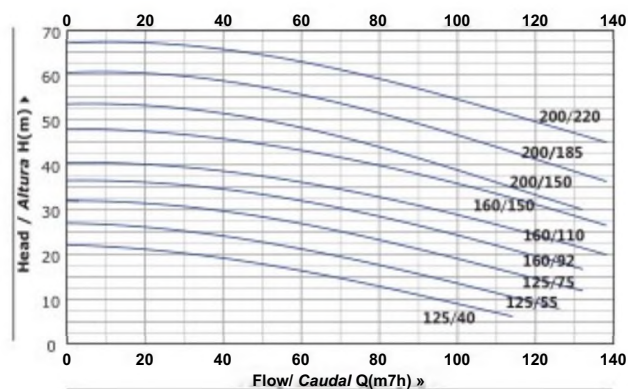
PZ 32



PZ 40

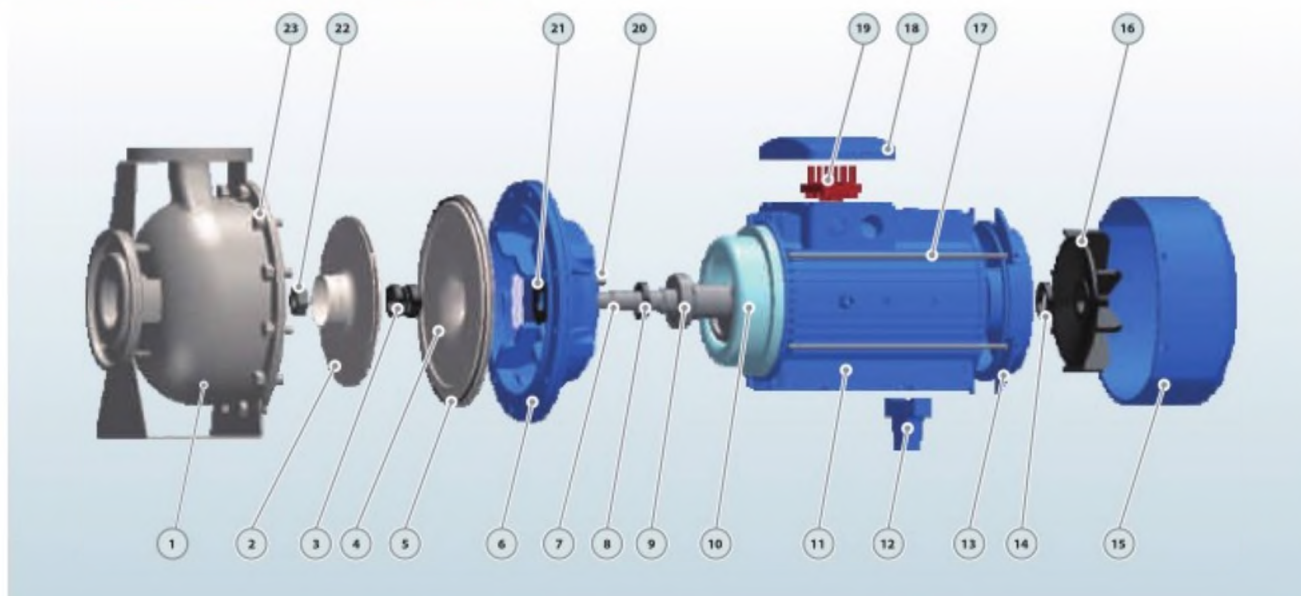


PZ 50



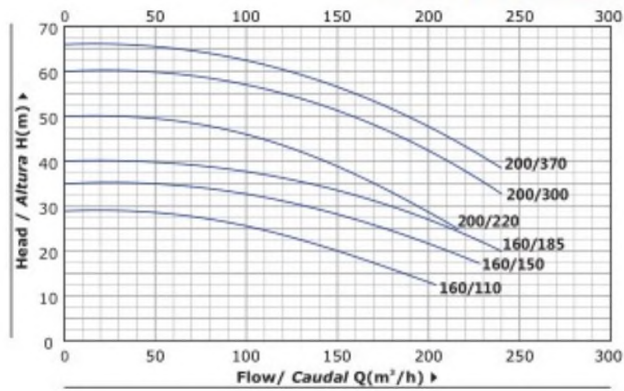
PZ 65

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



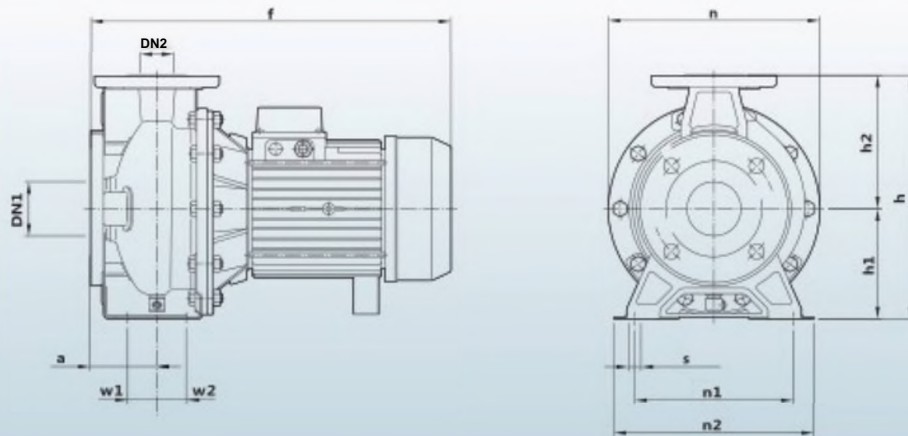
No.	Description Descripción	Material Material	No.	Description Descripción	Material Material	No.	Description Descripción	Material Material
1	Pump Case Cuerpo de Bomba	SS304 Inox 304	9	Bearing Rodamiento	Ball Bearing Bola Rodamiento	17	Through Bolt Perno	Steel Acero
2	Impeller Impulsor	SS304 Inox 304	10	Wound Stator/Rotor Estator / Rotor	Silicon Steel Acero al Silicio	18	Terminal Box Caja de Bornes	Aluminum Aluminio
3	Mechanical Seal Cierre Mecánico	SICCart) OFVSS304 S-C-Gr?IIWofrIOx304	11	Motor Case Cuerpo de Motor	Aluminum Aluminio	19	Terminal Board Tablero de Bornes	Plastic Plástico
4	Baffle Plate Placa de Baffle	SS304 Inox 304	12	Support Foot Soporte Pie	Plastic Plástico	20	Impeller Key Chaveta Impulsor	Iron Hierro
5	O-ring Junta Tórica	Rubber Caucho	13	Back Cover Tapa Trasera	Cast Iron Fundición	21	Water Deflector Deflector	Rubber Caucho
6	Connection Conexión	Cast Iron Fundición	14	Reinforced Seal Sello Reforzado	Rubber Caucho	22	Impeller Nut Tuerca de Impulsor	Galvanized Steel Acero Galvanizado
7	Shaft Eje	SS304 Inox 304	15	Fan Cover Tapa Ventilador	Aluminum Aluminio	23	Connection Bolt Perno	Steel Acero
8	Reinforced Seal Sello Reforzado	Rubber Caucho	16	Fan Ventilador	Plastic Plástico			

60 HZ n=35001/min



PZ 80

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MODEL / MODELO		DIMENSIONS / DIMENSIONES mm														*9	
Single-phase Monofasico	Three-phase Trifasico	DN1	DN2	曲	f	h	hi	h2	n	n1	n2	w1	w2	s	ト	3-	
32-160/11-15	32-160/11-15	50	32	100	493	306	ISO	156	235	148	175	60	31	15	20.6/23.5	19.6/22.5	
32-160/22	32-160/22	50	32	100	493	306	ISO	156	235	148	175	60	31	15	25.6	24.6	
32-200/30	32-200/30-40	50	32	100	538	306	150	156	235	148	175	60	31	15	33.8	32.8/39.5	
•	32-200/5S	50	32	100	538	306	150	156	235	148	175	60	31	15	-	48.5	
40-125/15-22	40-125/15-22	65	40	100	493	306	150	156	235	148	175	60	31	15	21.1/23.7	20.1/22.7	
40-160/30	40-160/30-40	65	40	105	542	uo	160	180	278	148	175	60	31	15	29	28/3S.1	
-	40-200/55-75	65	40	IOS	S84	340	160	180	278	148	175	60	31	15	■	48.8/56.2	
•	40-200/110	6S	40	105	6S0	340	160	180	235	148	175	60	31	15	-	67.5	
50-125/22	50-125/22	6S	SO	100	428	340	160	180	235	148	175	60	31	15	29.1	28.1	
50-125/30	50-125/30-40	6S	SO	100	493	340	160	180	278	148	175	60	31	15	29.6	28.fi/35J	
•	50-160/55-7S	65	50	105	S84	340	160	180	278	148	175	60	31	15	-	49.1/55.5	
-	50-200/92-110	6S	50	105	650	365	185	180	278	148	175	60	31	15	-	6L7/67.5	
-	SO.200/ISO	6S	50	105	768	365	18S	180	278	148	175	60	31	15	猶	96	
※	6S-125/40	80	65	100	5«4	MO	160	180	278	148	175	60	31	15	-	40	
•	65-125/55-75	80	65	100	584	MO	160	180	278	148	175	60	31	15	•	52/58.S	
-	65-160/92-110	80	65	113	675	M5	160	18S	278	148	175	60	31	15	-	67/75.6	
-	65-160/150	80	65	113	732	M5	160	185	278	148	175	60	31	15	■	93	
7	65-200/150185	80	65	113	793	370	185	185	278	148	175	60	31	15	-	114/127	
-	C5-200/220	80	65	113	793	370	185	18S	278	148	175	60	31	15	-	136	
•	80-160/110	100	80	125	700	400	180	220	278	148	175	60	31	15	-	8S	
-	80-160/150-18S	100	80	12S	870	400	180	220	278	148	175	60	31	15	-	119/135	
•	80-200/220	100	80	125	915	450	200	250	278	148	175	60	31	15	-	185	
-	80-200/300-370	100	的	125	985	450	200	250	278	148	175	60	31	15	-	265/28S	



Centrifugal pumps CDL1

[CDL1]Stainless Steel Vertical High Pressure Pump factory

CDL/ CDLF is a kind of multifunctional products.it can be used to convey various medium from tap water to industrial liquid

at different temperature and with different flow rate and pressure. CDL type is applicable to conveying non-corrosive liquid,

while CDLF is suitable for slightly corrosive liquid.

- Water supply: Water filter and transport in Waterworks, boosting of main pipeline, boosting in high-rise buildings.
- Industrial boosting: Process flow water system, cleaning system, high-pressure washing system, fire fighting system.
- Industrial liquid conveying: Cooling and air-conditioning system, boiler water supply and condensing system, ■ machine-associated purpose, acids and alkali.
- Water treatment: Ultrafiltration system, reverse osmosis system, distillation system, separator, swimming pool.
- Irrigation: Farmland irrigation, spray irrigation, dripping irrigation.

Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fibers.

- Liquid temperature:

Normal temperature type: -15°C ~ +70°C,

Hot water type: -15°C ~ +120°C

- Ambient temperature: up to +40°C.

- Altitude: up to 1000m

- Full-enclosed air -blast two-pole standard motor

- Protection class: IP55

- Insulation class: F

- Standard voltage: 50Hz: 1 x 220-230/ 240V

3 x 200-220/ 346-380V

3 x 220-240/ 380-415V

3x380-415V

vertical Multistage Pump



Technical Data

Lift range:1-21BAR

Flow range:2m³/h



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 INFORMATION



CDL/ CDLF is a kind of multifunctional products.it can be used to convey various medium from tap waterto industrial liquid at different temperature and with di-fferent flow rate and pressure. CDL type is applicable

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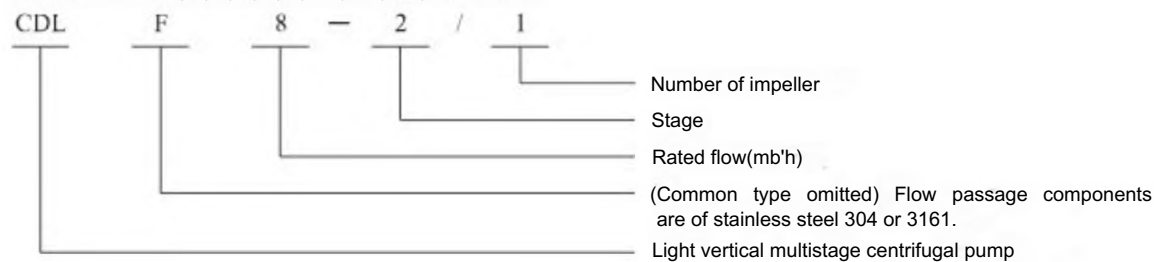
- Liquid temperature:
Normal temperature type: $-15^{\circ}\text{C} \sim +70^{\circ}\text{C}$,
Hot water type: $15^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Ambient temperature: up to $+40^{\circ}\text{C}$.
- Altitude: up to 1000m

- Full-enclosed air -blast two-pole standard motor
- Protection class: IP55
- Insulation class: F
- Standard voltage: 50Hz: 1 x 220-230/ 240V
3 x 200-220/ 346-380V
3 x 220-240/ 380-415V
3 x 380-415V

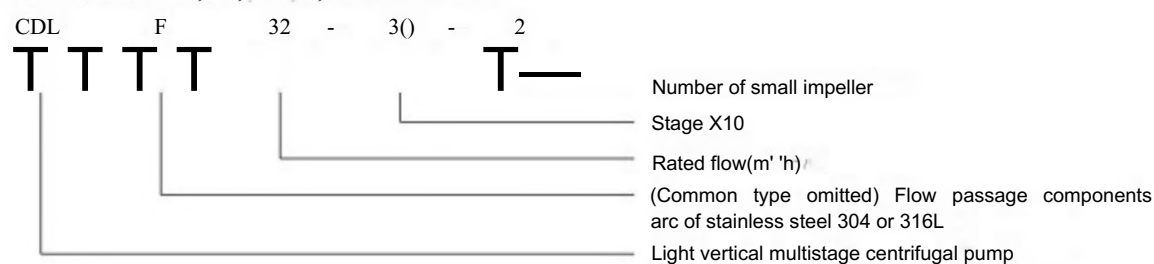


Definition of Model

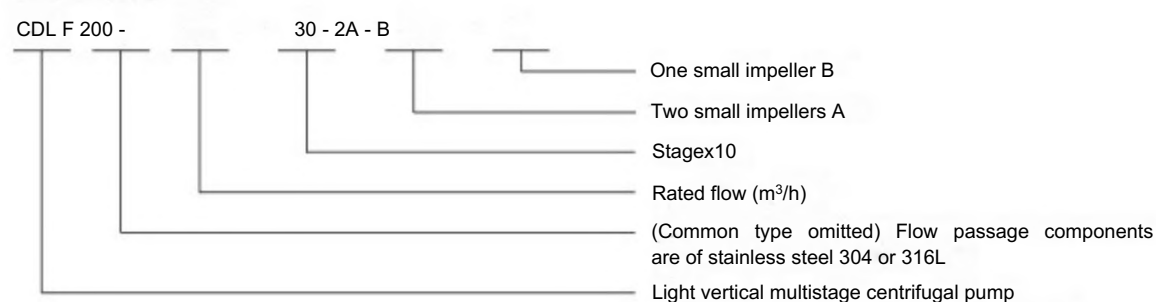
CDL/CDLF1,2,3,4,5,8,10,12,15,16 and 20



CDL/CDLF32,42,65,85,120 and 150



CDL/CDLF200



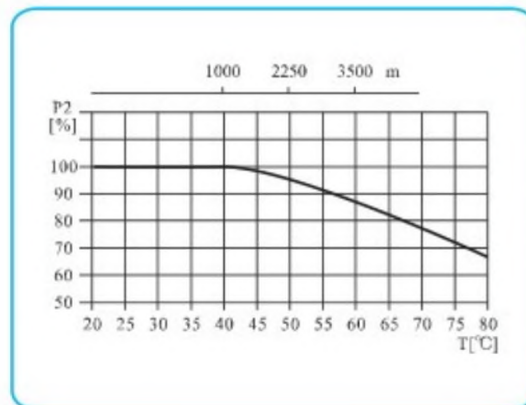
• Max working pressure

Model	Max. pivssurdbar)
CDL1,23A5Flange	25
CDL(F) 1.23.4,5 Cher F l'ange	16
CDLFI ,23.4,5 Flange^culting ferrule joint,pipe thread	25
CDL3J0J2J5.16J0 Flange	25
CDL(F)8 Over Flange	16
CDL FK10,12,15,16J0 Flange.cutting fcmile joint,pipe thread	25
CDL32	
32-10-1-32-80 32-90-2-32-160	16(30) 30
CDLF32	30
CDL42	
42-10-1^42-60-2 42-60-42-90 42-100-2-42-130-2	16(30) 25(30) 30
CDLF42	
42-10-1-42-90 42-100-2-42-130-2	25(30) 30
CDL65	
65-10-1-65-50-2 65-50-1-65-80-1	16(25) 25
CDL85	
85-10-1^85-40-2 85-40-A5-60	16(25) 25
CDLF65,K5	25
CDUCDLFI20J 50,200	20

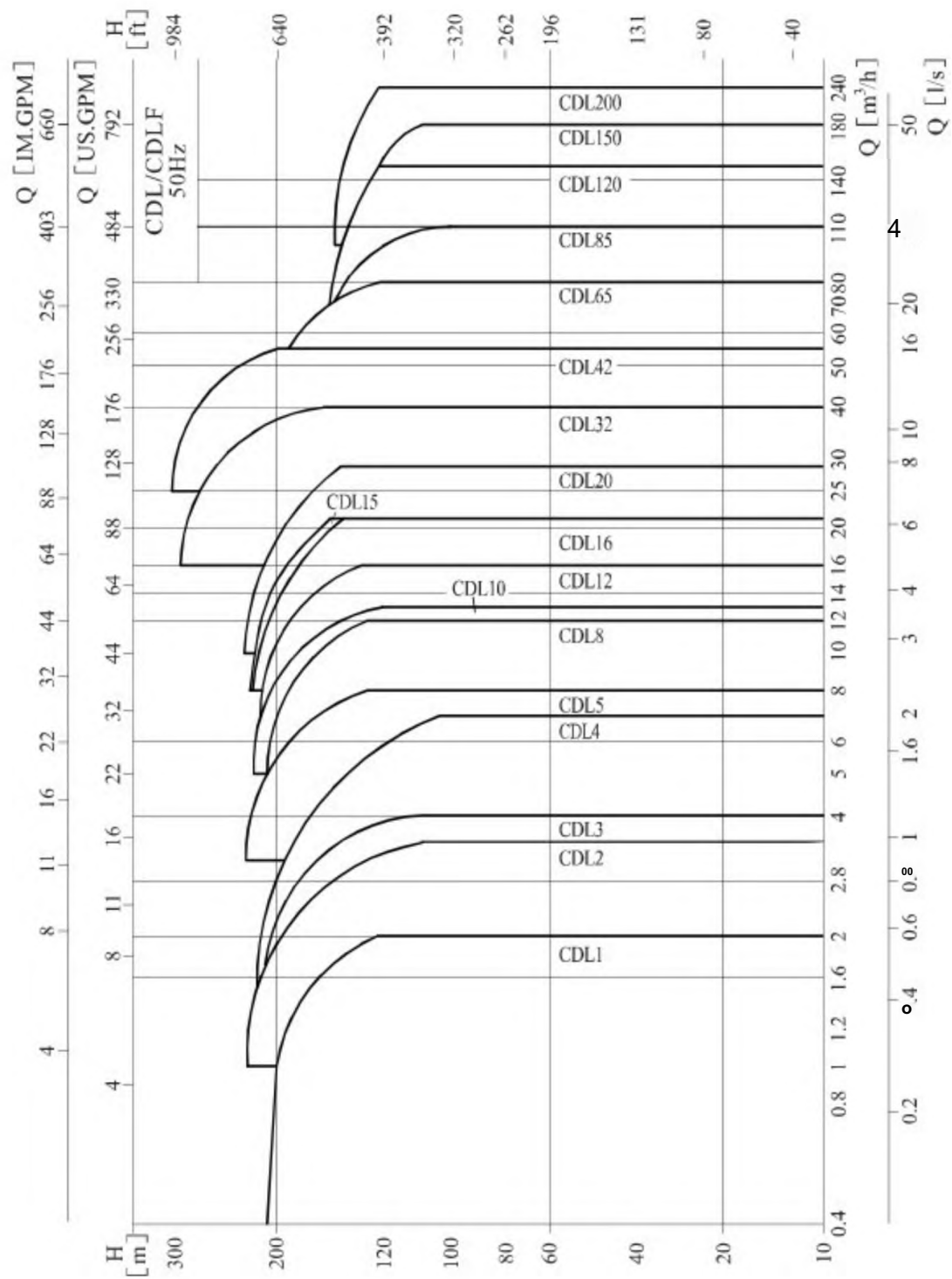
Pumps with pressure inside brackets need to specify especially.

• Max. Ambient temperature

When the pump operates under ambient temperature higher than 40°C or under altitude higher than 1000m, because of low air density and poor cooling effects, the motor output power P2 will be decreased to certain extent. If the pump is operated under the above-said conditions, it should be equipped with motor of higher power.



- Performance scope



- **Product range**

[illegible]



Installation sketch



CDLI-25 -)-36 sub-connrction of pipeline has no oval flange connection.

*The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.

vertical Multistage Pump



Technical Data

Lift range:1-21BAR

Flow range:2m³/h



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
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Costormized
Sizes & Pumps



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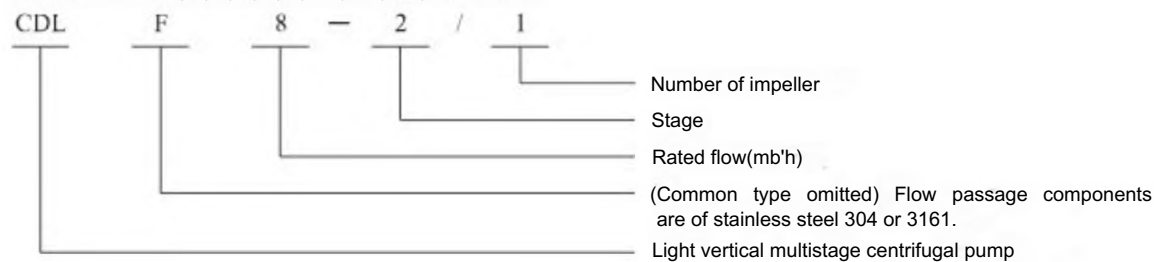
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Hot water type: $15^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Ambient temperature: up to $+40^{\circ}\text{C}$.
- Altitude: up to 1000m

- Full-enclosed air -blast two-pole standard motor
- Protection class: IP55
- Insulation class: F
- Standard voltage: 50Hz: 1 x 220-230/ 240V
3 x 200-220/ 346-380V
3 x 220-240/ 380-415V
3 x 380-415V

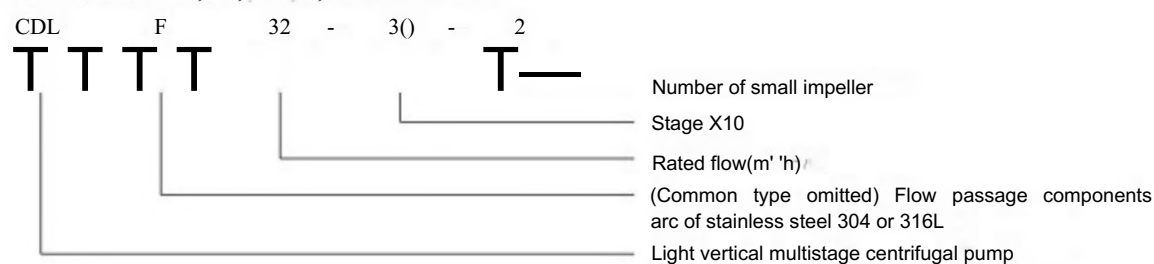


Definition of Model

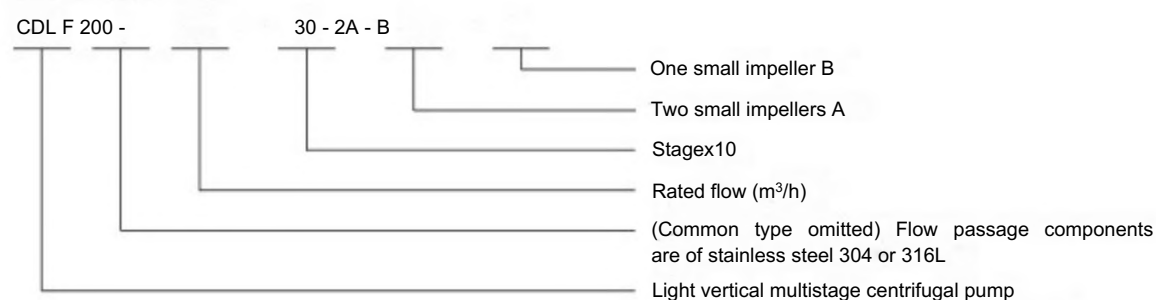
CDL/CDLF1,2,3,4,5,8,10,12,15,16 and 20



CDL/CDLF32,42,65,85,120 and 150



CDL/CDLF200



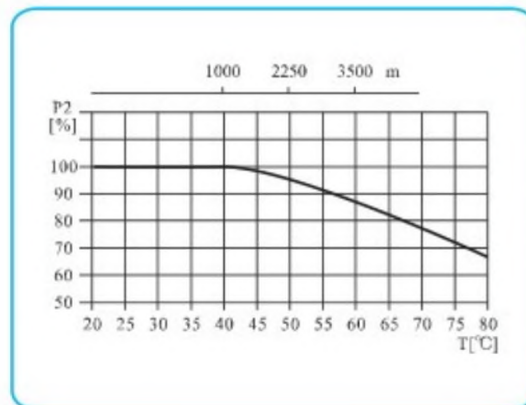
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CDL3J0J2J5.16J0 Flange	25
CDL(F)8 Over Flange	16
CDL FK10,12,15,16J0 Flange.cutting fcmile joint,pipe thread	25
CDL32	
32-10-1-32-80 32-90-2-32-160	16(30) 30
CDLF32	30
CDL42	
42-10-1^42-60-2 42-60-42-90 42-100-2-42-130-2	16(30) 25(30) 30
CDLF42	
42-10-1-42-90 42-100-2-42-130-2	25(30) 30
CDL65	
65-10-1-65-50-2 65-50-1-65-80-1	16(25) 25
CDL85	
85-10-1^85-40-2 85-40-A5-60	16(25) 25
CDLF65,K5	25
CDUCDLFI20J 50,200	20

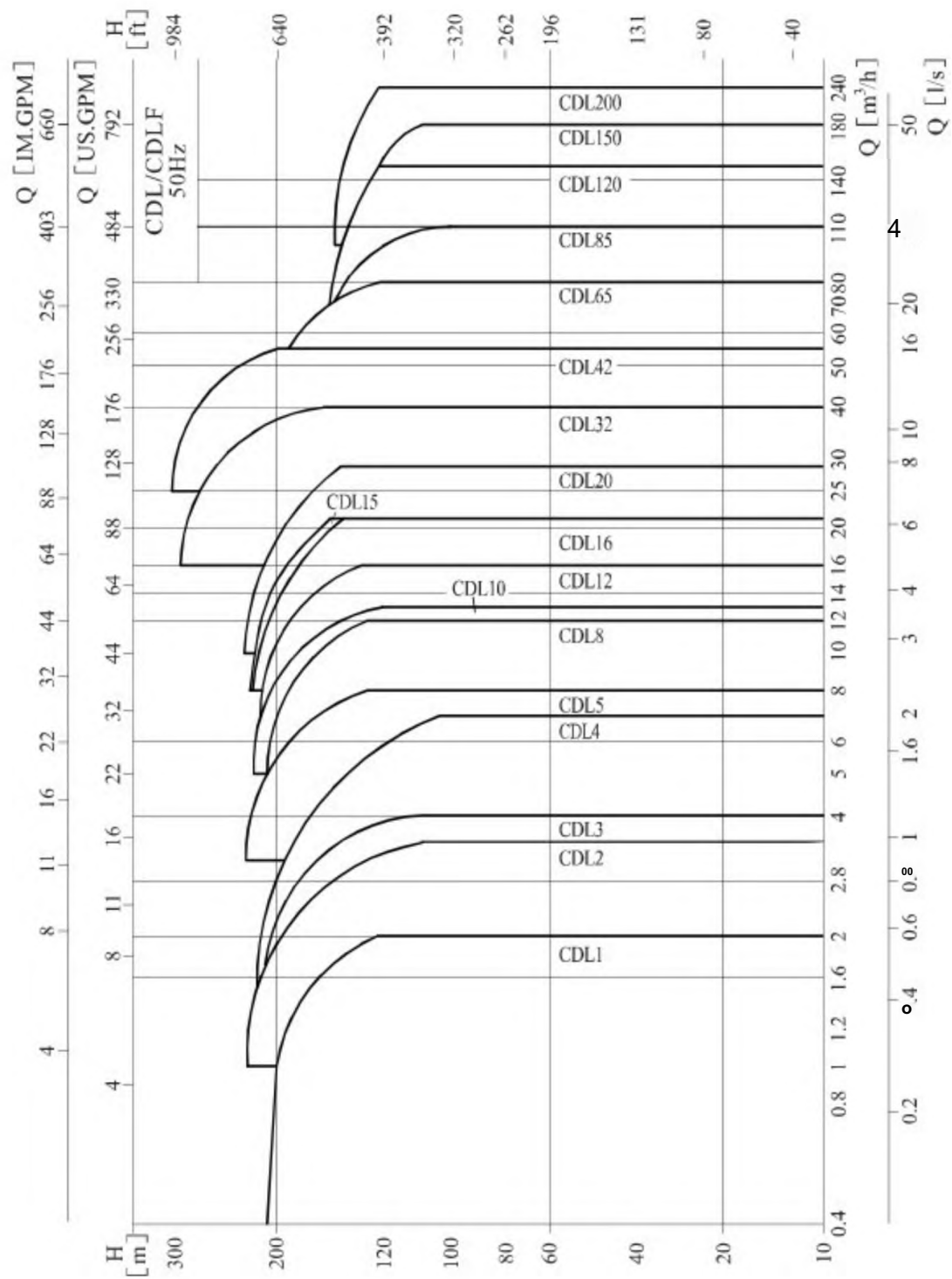
Pumps with pressure inside brackets need to specify especially.

• Max. Ambient temperature

When the pump operates under ambient temperature higher than 40°C or under altitude higher than 1000m, because of low air density and poor cooling effects, the motor output power P2 will be decreased to certain extent. If the pump is operated under the above-said conditions, it should be equipped with motor of higher power.



- Performance scope

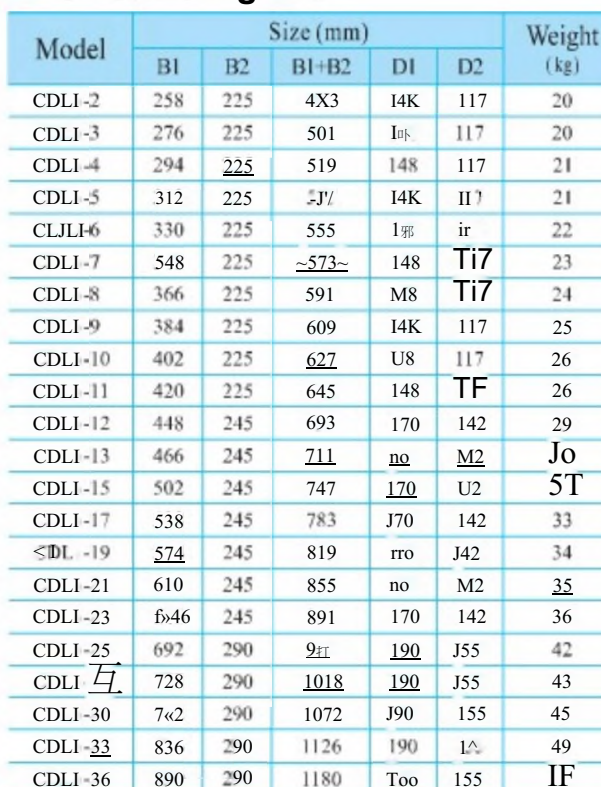


- **Product range**

[illegible]



- **Size and weight**



*The overall dimensions of the single-phase motor and explosion-proof motor are a little different. Pls contact us for details.

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
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Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
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Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	