

Насосы из нержавеющей стали PZ, PZB, PST, CDLF, CDL Технические характеристики

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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



Stainless Steel Pumps PZ

Horizontal Stainless Steel Centrifugal Pump Centrifugal Pump for Irrigation

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

Product Specification (50HZ)

Product Description



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

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.

USING LIMITS

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

Ambient temperature up to +50°C

Max. working pressure 16 bar

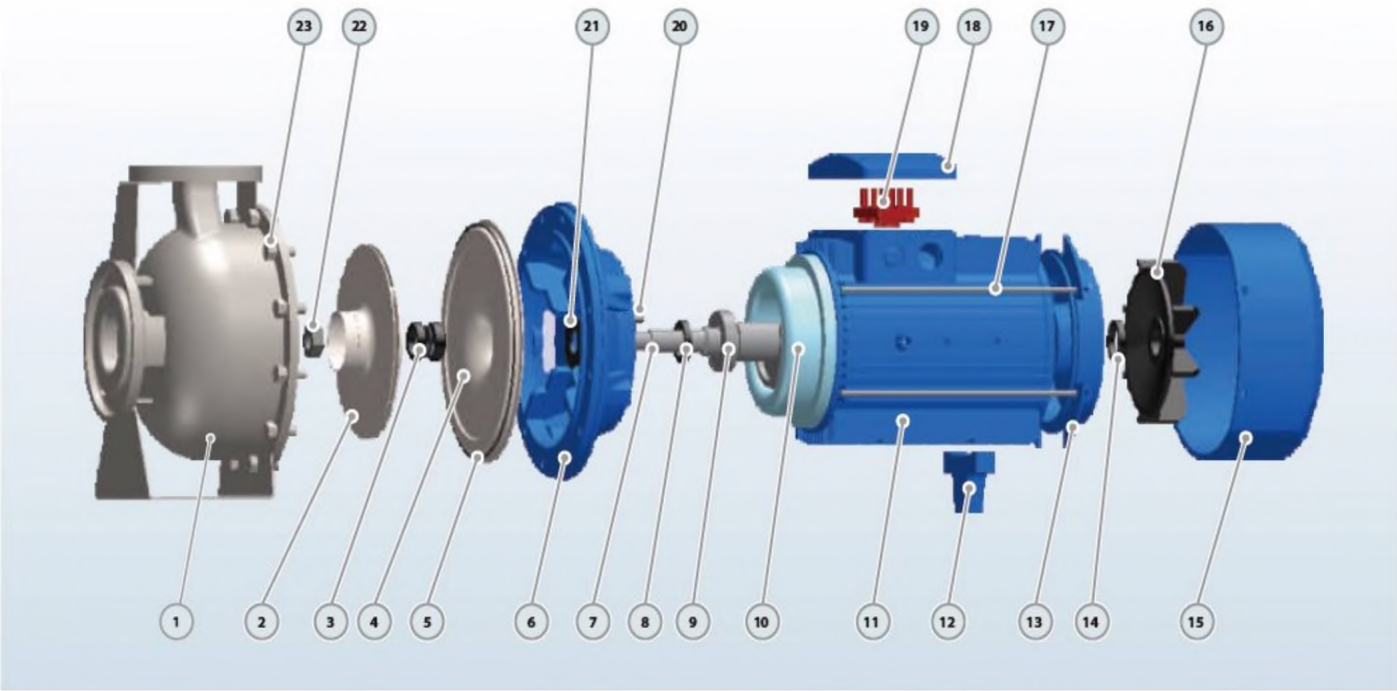
Continuous service SI

TECHNICAL DATA 50Hz n=2900 1/min

MODEL/MODELO	Power/Potencia		L/min m³/h	Q=DELIVERY / CAUDAL																			
	kw	hp		0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000	
				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	Head H(m)	22.5	19.9	18.4	14.1	12														5	
32-160/15	1.5	2		29.5	26.5	24.5	19.2	17														5	
32-160/22	2.2	3		37	34	32	27	25														5	
32-200/30	3	4		44	40	37.5	31	28														5	
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37													5	
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51													5	
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7											6	
40-125/22	2.2	3		26.5		25.5	24	23.5	22	16.4	13											6	
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17											6	
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5											6	
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31											6	
40-200/75	7.5	10		58		57	55.5	55	53.5	47.5	44											6	
40-200/110	11	15		72		71	70	70	68.5	63	59											6	
50-125/22	2.2	3		19					17.5	14.9	13.4	10.7										6	
50-125/30	3	4		22					20.5	18.4	17	14.4	8									6	
50-125/40	4	5.5		26.5					26	24	22.5	20.5	14									6	
50-160/55	5.5	7.5		33					31	28.5	27	24.5	18									6	
50-160/75	7.5	10		40					38.5	36	35	32.5	26									6	
50-200/92	9.2	12.5		53						49	47.5	44.5	34									6	
50-200/110	11	15		59						55	54	51	42									6	
50-200/150	15	20		72						69	68	65	57									6	
65-125/40	4	5.5		22.2						19.8	19	17.3	13.5	6.3								8	
65-125/55	5.5	7.5		27							24	22.2	18.5	10.8	8							8	
65-125/75	7.5	10		32							29.5	27.8	24	16.1	13.4	12						8	
65-160/92	9.2	12.5		36.5							34.5	32.8	29	21.1	18.3	16.8						8	
65-160/110	11	15		40.5							38.5	37.1	33.5	25.8	23	21.5	20					8	
65-160/150	15	20		48							45.5	44	40.5	32.6	29.6	28	26.5					8	
65-200/150	15	20		53.5							51	49	44.5	35.3	31.8	30						8	
65-200/185	18.5	25		60.5							58.5	56.5	52	43	39.7	38	36.3					8	
65-200/220	22	30		67							65.5	64	60	51	48	46.5	45					8	
80-160/110	11	15		29									27.5	24.2	23	22.4	21.8	20.4	12.5			1(	
80-160/150	15	20		35									34.5	31.5	30.5	30	29.4	28.1	21	19.1	17	1(	
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	1(
80-200/220	22	30		50									48.5	44.5	43	42	41	39	27.8	25		1(	
80-200/300	30	40		60									59	56	54.5	54	53	51	41.5	39	36.1	33	1(

MATERIAL DESCRIPTION

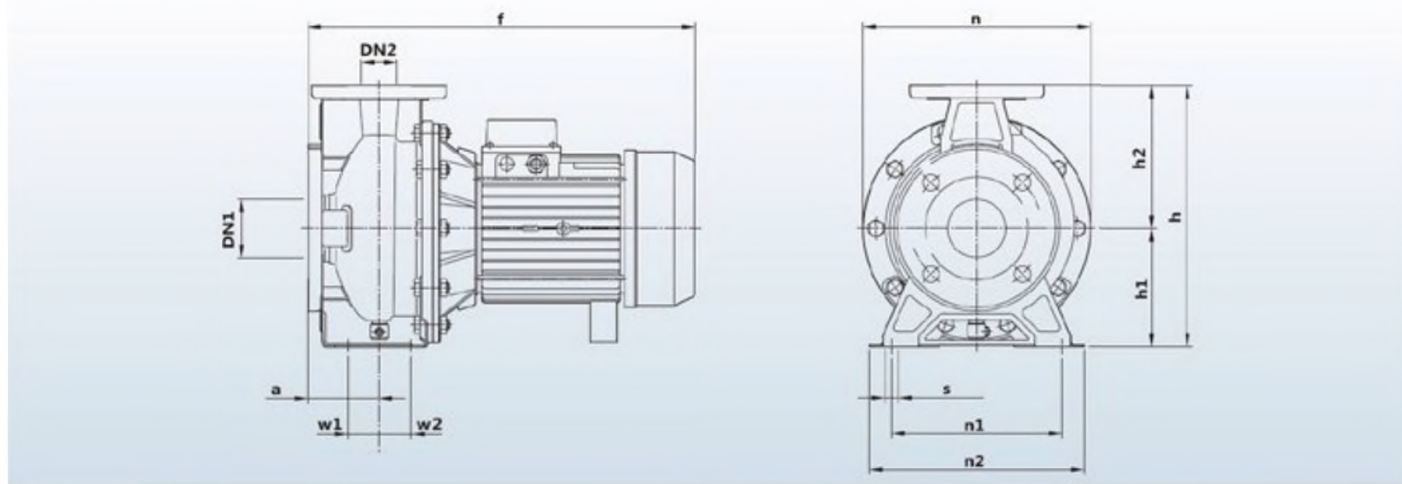
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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	SiC/Carbon/SS304	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	Reinforced 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			

DIMENSIONS AND WIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MOO EL / MODELO		DIMENSIONS / DIMENSIONES mm													HQ	
Single-phase Monofase	Three-phase Trifase	DN1	DN2	a	f	h	hi	h2	n	n1	n2	w1	w2	Φ	ト	3-
32160/11.1S	32-160/1115	50	32	100	493	206	150	1S6	23S	148	175	60	31	15	20.6/23.5	19.6/22.5
32-160/22	32-160/22	50	32	100	493	306	150	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	143	175	60	31	15	33.8	32.8/39.5
•	32200/55	50	32	100	538	306	150	156	235	148	175	60	31	15	-	48.5
40125/15-22	40-125/15-22	65	40	100	493	306	ISO	1S6	235	148	175	60	31	15	21.1/23.7	20.1/22.7
40*160/30	40<160/30-40	6S	40	IOS	S42	340	160	180	278	148	175	60	31	15	29	28/35.1
-	40-200/55-75	65	40	105	584	340	160	180	278	148	175	60	31	15	-	48.8/56.2
-	40-200/110	65	40	105	650	340	160	180	235	148	175	60	31	15	•	67.5
50-125/22	50-125/22	65	50	100	428	340	160	180	235	148	175	60	31	15	29.1	28.1
50-125/30	50-125/30-40	65	50	100	493	340	160	180	278	148	175	60	31	15	29.6	28.6/35.2
-	50-160/5S-75	65	50	105	S84	240	160	180	278	148	175	60	31	IS	-	49.1/55.5
-	50-200/92-110	65	50	105	650	365	185	180	278	148	175	W	31	15	•	61.7/67.5
-	50-200/1S0	65	50	105	768	36S	18S	180	278	148	175	60	31	15	-	96
-	65-125/40	60	65	100	584	340	160	180	278	148	175	60	31	15	■	40
-	65-125/55-75	80	65	100	584	340	160	180	278	148	175	W	31	15	-	52/58.5
-	6S160/92110	80	65	113	675	345	160	18S	278	148	175	60	31	IS	-	67/75.6
-	65-160/150	80	65	1B	732	J45	160	18S	278	148	175	60	31	15	-	93
-	6S-200/150 185	80	65	113	793	370	18S	18S	278	14«	175	60	31	15	-	114/127
-	6S-200/220	80	6S	113	793	370	185	185	278	148	175	60	31	15	-	US
-	80-160/110	100	80	125	700	400	180	220	278	14S	175	60	31	15	-	85
-	80-160/150*185	100	80	123	870	400	180	220	278	148	175	60	31	15	-	119/135
-	的-200/220	100	80	125	915	450	200	250	278	148	175	60	31	15	-	185
-	80-200/300-370	100	80	125	98S	4S0	200	250	278	143	175	60	31	IS	-	265/285

Product Specification (60HZ)

Product Description



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Impeller in stainless steel AISI 304

Shaft in stainless steel AISI 304

Quality NSK bearing, wear resistance mechanical seal

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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.

USING LIMITS

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

Ambient temperature up to +50°C

Max. working pressure 16 bar

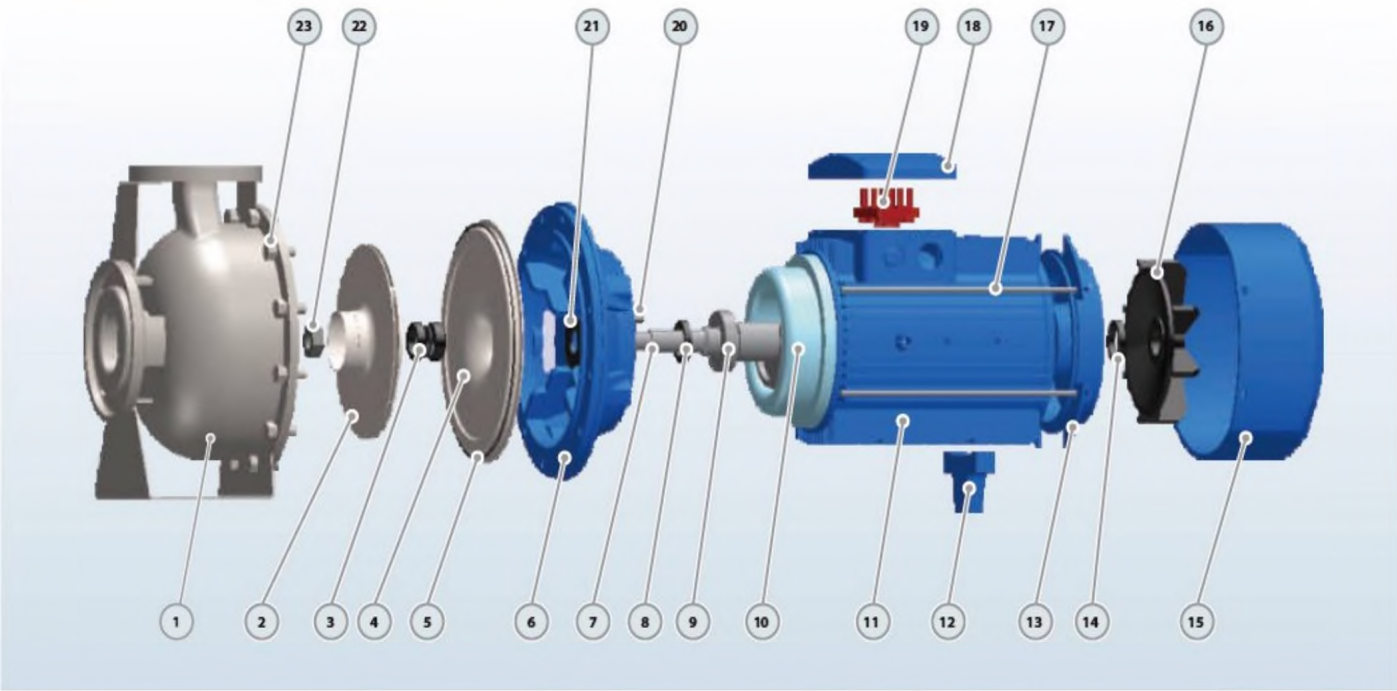
Continuous service SI

TECHNICAL DATA 60Hz n=3500 1/min

MODEL/MODELO	Power/Potencia		L/min m³/h	Q=DELIVERY / CAUDAL																		
	kw	hp		0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000
				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	Head H(m)	22.5	19.9	18.4	14.1	12														5
32-160/15	1.5	2		29.5	26.5	24.5	19.2	17														5
32-160/22	2.2	3		37	34	32	27	25														5
32-200/30	3	4		44	40	37.5	31	28														5
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37													5
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51													5
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7											6
40-125/22	2.2	3		26.5		25.5	24	23.5	22	16.4	13											6
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17											6
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5											6
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31											6
40-200/75	7.5	10		58		57	55.5	55	53.5	47.5	44											6
40-200/110	11	15		72		71	70	70	68.5	63	59											6
50-125/22	2.2	3		19					17.5	14.9	13.4	10.7										6
50-125/30	3	4		22					20.5	18.4	17	14.4	8									6
50-125/40	4	5.5		26.5					26	24	22.5	20.5	14									6
50-160/55	5.5	7.5		33					31	28.5	27	24.5	18									6
50-160/75	7.5	10		40					38.5	36	35	32.5	26									6
50-200/92	9.2	12.5		53					49	47.5	44.5	34										6
50-200/110	11	15		59					55	54	51	42										6
50-200/150	15	20		72					69	68	65	57										6
65-125/40	4	5.5		22.2					19.8	19	17.3	13.5	6.3									8
65-125/55	5.5	7.5		27						24	22.2	18.5	10.8	8								8
65-125/75	7.5	10		32						29.5	27.8	24	16.1	13.4	12							8
65-160/92	9.2	12.5		36.5						34.5	32.8	29	21.1	18.3	16.8							8
65-160/110	11	15		40.5						38.5	37.1	33.5	25.8	23	21.5	20						8
65-160/150	15	20		48						45.5	44	40.5	32.6	29.6	28	26.5						8
65-200/150	15	20		53.5						51	49	44.5	35.3	31.8	30							8
65-200/185	18.5	25		60.5						58.5	56.5	52	43	39.7	38	36.3						8
65-200/220	22	30		67						65.5	64	60	51	48	46.5	45						8
80-160/110	11	15		29								27.5	24.2	23	22.4	21.8	20.4	12.5				1(
80-160/150	15	20		35								34.5	31.5	30.5	30	29.4	28.1	21	19.1	17		1(
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	1(
80-200/220	22	30		50								48.5	44.5	43	42	41	39	27.8	25			1(
80-200/300	30	40		60								59	56	54.5	54	53	51	41.5	39	36.1	33	1(

MATERIAL DESCRIPTION

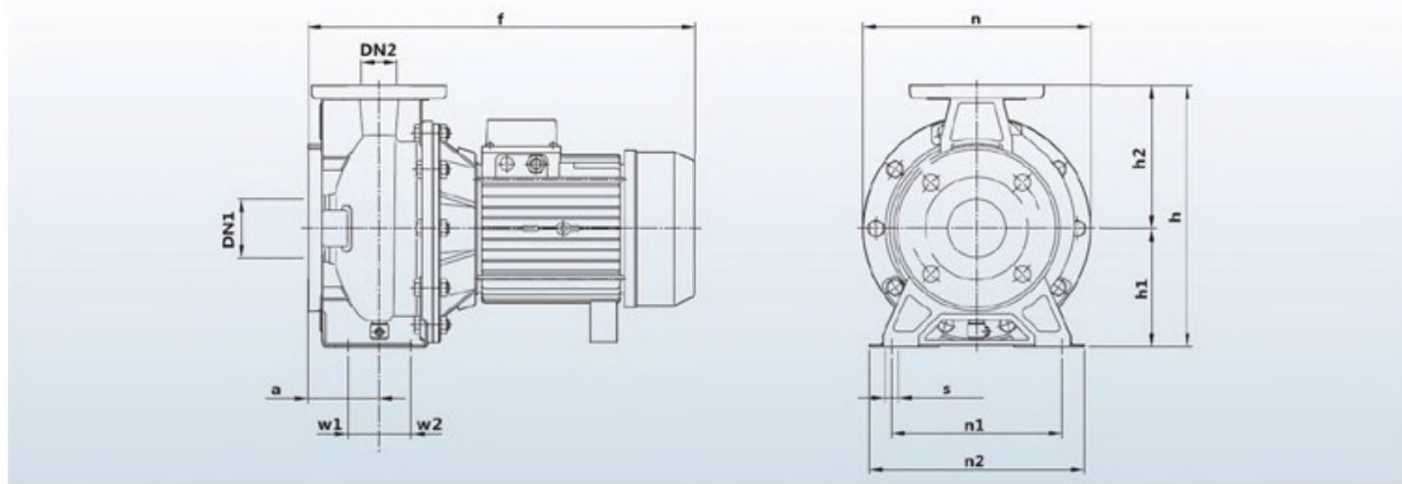
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No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	SS304	9	Bearing	Ball Bearing	17	Through Bolt	Steel
2	Impeller	SS304	10	Wound Stator/Rotor	Silicon Steel/Copper	18	Terminal Box	Aluminum
3	Mechanical Seal	SiC/Carbon/SS304	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	Reinforced 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			

DIMENSIONS AND WIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MOO EL / MODELO		DIMENSIONS / DIMENSIONES mm													HQ	
Single-phase Monofase	Three-phase Trifase	DN1	DN2	a	f	h	hi	h2	n	n1	n2	w1	w2	Φ	ト	3-
32160/11.1S	32-160/1115	50	32	100	493	206	150	1S6	23S	148	175	60	31	15	20.6/23.5	19.6/22.5
32-160/22	32-160/22	50	32	100	493	306	150	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	143	175	60	31	15	33.8	32.8/39.5
•	32200/55	50	32	100	538	306	150	156	235	148	175	60	31	15	-	48.5
40125/15-22	40-125/15-22	65	40	100	493	306	ISO	1S6	235	148	175	60	31	15	21.1/23.7	20.1/22.7
40*160/30	40<160/30-40	6S	40	IOS	S42	340	160	180	278	148	175	60	31	15	29	28/35.1
-	40-200/55-75	65	40	105	584	340	160	180	278	148	175	60	31	15	-	48.8/56.2
-	40-200/110	65	40	105	650	340	160	180	235	148	175	60	31	15	•	67.5
50-125/22	50-125/22	65	50	100	428	340	160	180	235	148	175	60	31	15	29.1	28.1
50-125/30	50-125/30-40	65	50	100	493	340	160	180	278	148	175	60	31	15	29.6	28.6/35.2
-	50-160/5S-75	65	50	105	S84	240	160	180	278	148	175	60	31	IS	-	49.1/55.5
-	50-200/92-110	65	50	105	650	365	185	180	278	148	175	W	31	15	•	61.7/67.5
-	50-200/1S0	65	50	105	768	36S	18S	180	278	148	175	60	31	15	-	96
-	65-125/40	60	65	100	584	340	160	180	278	148	175	60	31	15	■	40
-	65-125/55-75	80	65	100	584	340	160	180	278	148	175	W	31	15	-	52/58.5
-	6S160/92110	80	65	113	675	345	160	18S	278	148	175	60	31	IS	-	67/75.6
-	65-160/150	80	65	1B	732	J45	160	18S	278	148	175	60	31	15	-	93
-	6S-200/150 185	80	65	113	793	370	18S	18S	278	14«	175	60	31	15	-	114/127
-	6S-200/220	80	6S	113	793	370	185	185	278	148	175	60	31	15	-	US
-	80-160/110	100	80	125	700	400	180	220	278	14S	175	60	31	15	-	85
-	80-160/150*185	100	80	123	870	400	180	220	278	148	175	60	31	15	-	119/135
-	的-200/220	100	80	125	915	450	200	250	278	148	175	60	31	15	-	185
-	80-200/300-370	100	80	125	98S	4S0	200	250	278	143	175	60	31	IS	-	265/285



Stainless Steel Pumps PZB

[PZB] Horizontal PZ series Stainless Steel Centrifugal Pump from PURITY

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

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The pumps must be installed in enclosed places, or at least protected against inclement weather.

USING LIMITS

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

Ambient temperature up to +50°C

Max. working pressure 16 bar

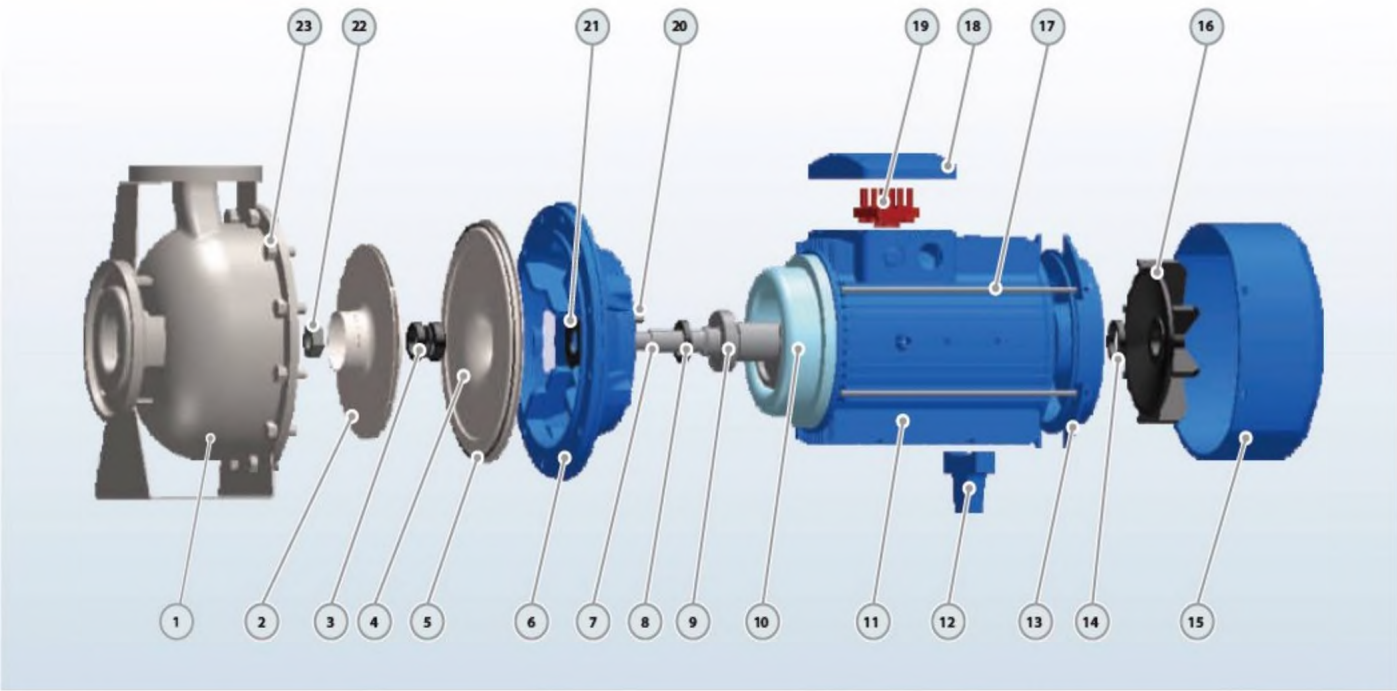
Continuous service SI

TECHNICAL DATA 50Hz n=2900 1/min

MODEL/MODELO	Power/Potencia		L/min m³/h	Q=DELIVERY / CAUDAL																			
	kw	hp		0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000	
				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	Head H(m)	22.5	19.9	18.4	14.1	12														5	
32-160/15	1.5	2		29.5	26.5	24.5	19.2	17														5	
32-160/22	2.2	3		37	34	32	27	25														5	
32-200/30	3	4		44	40	37.5	31	28														5	
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37													5	
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51													5	
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7											6	
40-125/22	2.2	3		26.5		25.5	24	23.5	22	16.4	13											6	
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17											6	
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5											6	
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31											6	
40-200/75	7.5	10		58		57	55.5	55	53.5	47.5	44											6	
40-200/110	11	15		72		71	70	70	68.5	63	59											6	
50-125/22	2.2	3		19					17.5	14.9	13.4	10.7										6	
50-125/30	3	4		22					20.5	18.4	17	14.4	8									6	
50-125/40	4	5.5		26.5					26	24	22.5	20.5	14									6	
50-160/55	5.5	7.5		33					31	28.5	27	24.5	18									6	
50-160/75	7.5	10		40					38.5	36	35	32.5	26									6	
50-200/92	9.2	12.5		53						49	47.5	44.5	34									6	
50-200/110	11	15		59						55	54	51	42									6	
50-200/150	15	20		72						69	68	65	57									6	
65-125/40	4	5.5		22.2						19.8	19	17.3	13.5	6.3								8	
65-125/55	5.5	7.5		27							24	22.2	18.5	10.8	8							8	
65-125/75	7.5	10		32							29.5	27.8	24	16.1	13.4	12						8	
65-160/92	9.2	12.5		36.5							34.5	32.8	29	21.1	18.3	16.8						8	
65-160/110	11	15		40.5							38.5	37.1	33.5	25.8	23	21.5	20					8	
65-160/150	15	20		48							45.5	44	40.5	32.6	29.6	28	26.5					8	
65-200/150	15	20		53.5							51	49	44.5	35.3	31.8	30						8	
65-200/185	18.5	25		60.5							58.5	56.5	52	43	39.7	38	36.3					8	
65-200/220	22	30		67							65.5	64	60	51	48	46.5	45					8	
80-160/110	11	15		29									27.5	24.2	23	22.4	21.8	20.4	12.5			1(	
80-160/150	15	20		35									34.5	31.5	30.5	30	29.4	28.1	21	19.1	17	1(	
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	1(
80-200/220	22	30		50									48.5	44.5	43	42	41	39	27.8	25		1(	
80-200/300	30	40		60									59	56	54.5	54	53	51	41.5	39	36.1	33	1(

MATERIAL DESCRIPTION

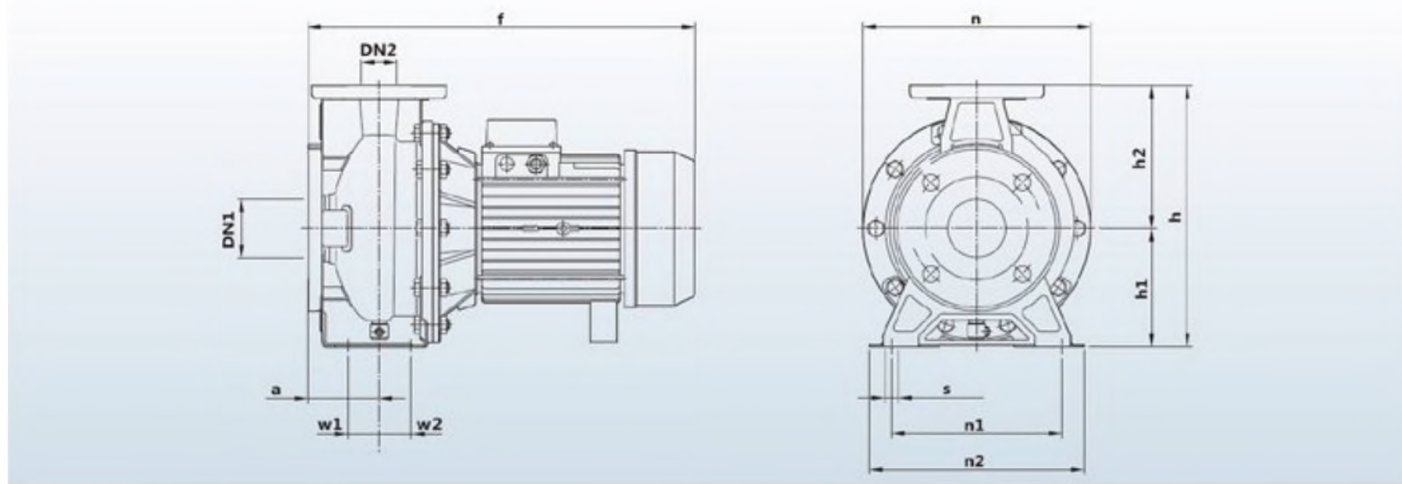
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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	SiC/Carbon/SS304	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	Reinforced 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			

DIMENSIONS AND WIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MOO EL / MODELO		DIMENSIONS / DIMENSIONES mm													HQ	
Single-phase Monofase	Three-phase Trifase	DN1	DN2	a	f	h	hi	h2	n	n1	n2	w1	w2	φ	ト	3-
32160/11.1S	32-160/1115	50	32	100	493	206	150	1S6	23S	148	175	60	31	15	20.6/23.5	19.6/22.5
32-160/22	32-160/22	50	32	100	493	306	150	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	143	175	60	31	15	33.8	32.8/39.5
•	32200/55	50	32	100	538	306	150	156	235	148	175	60	31	15	-	48.5
40125/15-22	40-125/15-22	65	40	100	493	306	ISO	1S6	235	148	175	60	31	15	21.1/23.7	20.1/22.7
40*160/30	40<160/30-40	6S	40	IOS	S42	340	160	180	278	148	175	60	31	15	29	28/35.1
-	40-200/55-75	65	40	105	584	340	160	180	278	148	175	60	31	15	-	48.8/56.2
-	40-200/110	65	40	105	650	340	160	180	235	148	175	60	31	15	•	67.5
50-125/22	50-125/22	65	50	100	428	340	160	180	235	148	175	60	31	15	29.1	28.1
50-125/30	50-125/30-40	65	50	100	493	340	160	180	278	148	175	60	31	15	29.6	28.6/35.2
-	50-160/5S-75	65	50	105	S84	240	160	180	278	148	175	60	31	IS	-	49.1/55.5
-	50-200/92-110	65	50	105	650	365	185	180	278	148	175	W	31	15	•	61.7/67.5
-	50-200/1S0	65	50	105	768	36S	18S	180	278	148	175	60	31	15	-	96
-	65-125/40	60	65	100	584	340	160	180	278	148	175	60	31	15	■	40
-	65-125/55-75	80	65	100	584	340	160	180	278	148	175	W	31	15	-	52/58.5
-	6S160/92110	80	65	113	675	345	160	18S	278	148	175	60	31	IS	-	67/75.6
-	65-160/150	80	65	1B	732	J45	160	18S	278	148	175	60	31	15	-	93
-	6S-200/150 185	80	65	113	793	370	18S	18S	278	14«	175	60	31	15	-	114/127
-	6S-200/220	80	6S	113	793	370	185	185	278	148	175	60	31	15	-	US
-	80-160/110	100	80	125	700	400	180	220	278	14S	175	60	31	15	-	85
-	80-160/150*185	100	80	123	870	400	180	220	278	148	175	60	31	15	-	119/135
-	的-200/220	100	80	125	915	450	200	250	278	148	175	60	31	15	-	185
-	80-200/300-370	100	80	125	98S	4S0	200	250	278	143	175	60	31	IS	-	265/285

Product Specification (60HZ)

Product Description



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

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.

USING LIMITS

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

Ambient temperature up to +50°C

Max. working pressure 16 bar

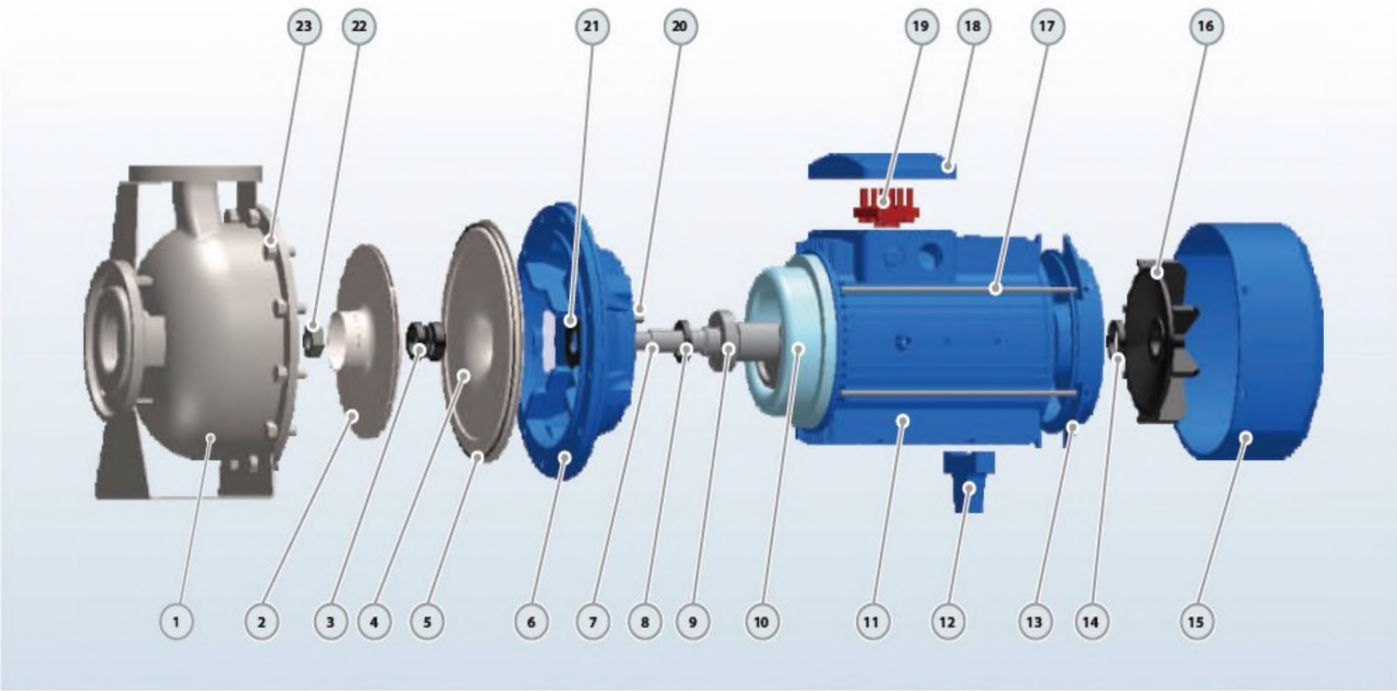
Continuous service SI

TECHNICAL DATA 60Hz n=3500 1/min

MODEL/MODELO	Power/Potencia		L/min m³/h	Q=DELIVERY / CAUDAL																			
	kw	hp		0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000	
				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	Head H(m)	22.5	19.9	18.4	14.1	12														5	
32-160/15	1.5	2		29.5	26.5	24.5	19.2	17														5	
32-160/22	2.2	3		37	34	32	27	25														5	
32-200/30	3	4		44	40	37.5	31	28														5	
32-200/40	4	5.5		55	52	49.5	43.5	40.5	37													5	
32-200/55	5.5	7.5		70.5	67.5	65	58.5	55	51													5	
40-125/15	1.5	2		20		19	17.6	17	15.7	10.3	7											6	
40-125/22	2.2	3		26.5		25.5	24	23.5	22	16.4	13											6	
40-160/30	3	4		31		29.5	27.5	27	25.5	20	17											6	
40-160/40	4	5.5		40		38.5	37	36	34.5	29	25.5											6	
40-200/55	5.5	7.5		47		45.5	44	43	41	35	31											6	
40-200/75	7.5	10		58		57	55.5	55	53.5	47.5	44											6	
40-200/110	11	15		72		71	70	70	68.5	63	59											6	
50-125/22	2.2	3		19					17.5	14.9	13.4	10.7										6	
50-125/30	3	4		22					20.5	18.4	17	14.4	8									6	
50-125/40	4	5.5		26.5					26	24	22.5	20.5	14									6	
50-160/55	5.5	7.5		33					31	28.5	27	24.5	18									6	
50-160/75	7.5	10		40					38.5	36	35	32.5	26									6	
50-200/92	9.2	12.5		53						49	47.5	44.5	34									6	
50-200/110	11	15		59						55	54	51	42									6	
50-200/150	15	20		72						69	68	65	57									6	
65-125/40	4	5.5		22.2						19.8	19	17.3	13.5	6.3								8	
65-125/55	5.5	7.5		27							24	22.2	18.5	10.8	8							8	
65-125/75	7.5	10		32							29.5	27.8	24	16.1	13.4	12						8	
65-160/92	9.2	12.5		36.5							34.5	32.8	29	21.1	18.3	16.8						8	
65-160/110	11	15		40.5							38.5	37.1	33.5	25.8	23	21.5	20					8	
65-160/150	15	20		48							45.5	44	40.5	32.6	29.6	28	26.5					8	
65-200/150	15	20		53.5							51	49	44.5	35.3	31.8	30						8	
65-200/185	18.5	25		60.5							58.5	56.5	52	43	39.7	38	36.3					8	
65-200/220	22	30		67							65.5	64	60	51	48	46.5	45					8	
80-160/110	11	15		29									27.5	24.2	23	22.4	21.8	20.4	12.5			1(	
80-160/150	15	20		35									34.5	31.5	30.5	30	29.4	28.1	21	19.1	17	1(	
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	1(
80-200/220	22	30		50									48.5	44.5	43	42	41	39	27.8	25		1(	
80-200/300	30	40		60									59	56	54.5	54	53	51	41.5	39	36.1	33	1(

MATERIAL DESCRIPTION

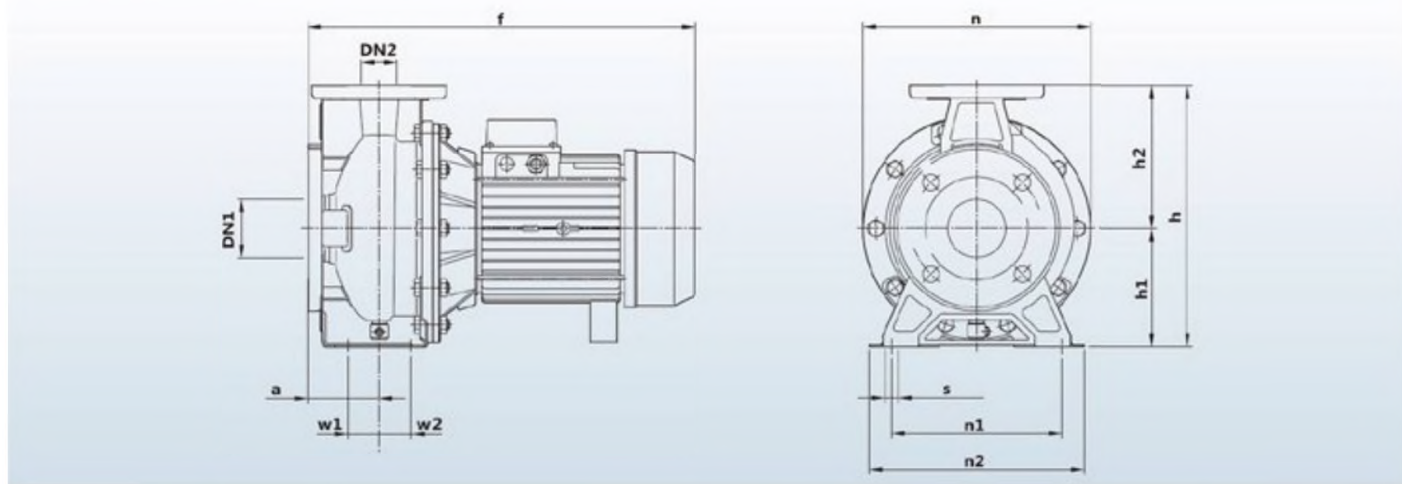
MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



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	SiC/Carbon/SS304	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	Reinforced 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			

DIMENSIONS AND WIGHT

DIMENSIONS AND WEIGHT / DIMENSIONES Y PESOS



MOO EL / MODELO		DIMENSIONS / DIMENSIONES mm													HQ	
Single-phase Monofase	Three-phase Trifase	DN1	DN2	a	f	h	hi	h2	n	n1	n2	w1	w2	φ	ト	3-
32160/11.1S	32-160/1115	50	32	100	493	206	150	1S6	23S	148	175	60	31	15	20.6/23.5	19.6/22.5
32-160/22	32-160/22	50	32	100	493	306	150	1S6	23S	148	175	60	31	15	25.6	24.6
32-200/30	32-200/30-40	50	32	100	538	306	150	1S6	23S	143	175	60	31	15	33.8	32.8/39.5
•	32200/55	50	32	100	538	306	150	1S6	23S	148	175	60	31	15	-	48.5
40125/15-22	40-125/15-22	65	40	100	493	306	ISO	1S6	23S	148	175	60	31	15	21.1/23.7	20.1/22.7
40*160/30	40<160/30-40	6S	40	IOS	S42	340	160	180	278	148	175	60	31	15	29	28/35.1
-	40-200/55-75	65	40	105	584	340	160	180	278	148	175	60	31	15	-	48.8/56.2
-	40-200/110	65	40	105	650	340	160	180	235	148	175	60	31	15	•	67.5
50-125/22	50-125/22	65	50	100	428	340	160	180	235	148	175	60	31	15	29.1	28.1
50-125/30	50-125/30-40	65	50	100	493	340	160	180	278	148	175	60	31	15	29.6	28.6/35.2
-	50-160/5S-75	65	50	105	S84	240	160	180	278	148	175	60	31	IS	-	49.1/55.5
-	50-200/92-110	65	50	105	650	365	185	180	278	148	175	W	31	15	•	61.7/67.5
-	50-200/1S0	65	50	105	768	36S	18S	180	278	148	175	60	31	15	-	96
-	65-125/40	60	65	100	584	340	160	180	278	148	175	60	31	15	■	40
-	65-125/55-75	80	65	100	584	340	160	180	278	148	175	W	31	15	-	52/58.5
-	6S160/92110	80	65	113	675	345	160	18S	278	148	175	60	31	IS	-	67/75.6
-	65-160/150	80	65	1B	732	J45	160	18S	278	148	175	60	31	15	-	93
-	6S-200/150 185	80	65	113	793	370	18S	18S	278	14«	175	60	31	15	-	114/127
-	6S-200/220	80	6S	113	793	370	185	185	278	148	175	60	31	15	-	US
-	80-160/110	100	80	125	700	400	180	220	278	14S	175	60	31	15	-	85
-	80-160/150*185	100	80	123	870	400	180	220	278	148	175	60	31	15	-	119/135
-	的-200/220	100	80	125	915	450	200	250	278	148	175	60	31	15	-	185
-	80-200/300-370	100	80	125	98S	4S0	200	250	278	143	175	60	31	IS	-	265/285



Stainless Steel Pumps PST

[PST]Double Electric Pump Water Supply System from PURITY

TECHNICAL DESCRIPTION

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

Product Specification (50HZ)





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 ron
250					/	Cast iron	Cast iron

TECHNICAL DATA

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

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

GPM	Bar	Pump for diesel 2900rpm	Pump for electric 3500rpm	Motor pump 3500rpm
1250	14	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	-	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	17	PSC100-375BV2500	PSC100-375B1/2500	-
1500	8	PS125-250/1100	PS125-200/1100	-
1500	9	PS125-315/1100	PS125-250/1100	-
1500	10	PS125-315/1320	PS125-250/1320	-
1500	11	PS125-315/1320	PS12S-250/1320	-
1500	12	PS125-315/1600	PS125-250/1600	-
1500	13	PS125-315/1600	PS125-250/1600	-
1500	15	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	18	PSC100-375A1/2500	PSC100-375AV2500	-
2000	8	PS150-25Q/1600	PS150-200/1600	-
2000	-	PS150-315/2000	PS150-250/2000	-
2000	11	PSC125-290A1/2000	PSC125-290AV2000	-
2000	12	PSC125-365A3/2500	PSC125-365A3/2500	-
2000	13	PS150-315/2500	PS150-250/2500	-
2000	15	PSC125-365A2/3150	PSC125-365A2/3150	-
2000	17	PSC125-565BV3550	PSC125-365B1/3550	-
2500	8	PS150-250/1600	PS150-200/1600	-
2500	10	PS150-315/2000	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	1.5	22	21	19.7	16.5	14.5	9														50x32	
32-160/15	1.5	2	25.4	23.7	22.5	18.5	15.8															50x32	
32-160/22	2.2	3	31	29.6	28.5	24.5	22	15														50x32	
32-160/30	3	4	35	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	51.5	52	50	45.5	41.9	35	30.3													50x32	
32-250/55	5.5	7.5	60	59.5	59	55	51	45														50x32	
32-250/75	7.5	10	69.5	69	68.5	66	63	53														50x32	
32-250/110	11	15	90	89.5	89	82	79	66														50x32	
32-250/55D	5.5	7.5	79.5	74.7	71.8	63	56	37.5														50x32	
32-250/75D	7.5	10	95	93	91	83	76	57.8														50x32	
40-125/11	1.1	1.5	14.7				13.5	11.5	10.1	5.8												65x40	
40-125/15	1.5	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	8.3										65x40	
40-160/30	3	4	31.8				29.5	27.5	26.3	21.5	17.5											65x40	
40-160/40	4	5.5	35	1	1		36	34	33	28.5	25	20.1										65x40	
40-200/55	5.5	7.5	46				43.8	41.3	40.1	35	30											65x40	
40-200/75	7.5	10	57	1	1		53.6	51.5	50	45	41	36.5										65x40	
40-250/92	9.2	12.5	64				59	56.5	55	49.5	45	39.8										65x40	
40-250/110	11	15	72	1	1		67.5	66	63.5	57.5	52.2	47										65x40	
40-250/150	15	20	84.5				80	77.3	75.2	71	65	61										65x40	
50-125/22	2.2	3	17							15.4	14	12.8	11.5	6.5								65x50	
50-125/30	3	4	20							18.8	18	17	15.6	u								65x50	
50-125/40	4	5.5	24							23.1	23	21.5	20.3	15.8	11.8							65x50	
50-160/55	5.5	7.5	32							30.6	30	28	26.6	20.5	14.8							65x50	
50-160/75	7.5	10	40							38	37	36	34.4	29	24	21						65x50	
50-200/92	9.2	12.5	50.5							46.8	45	43	40.9	32.5	26.7							65x50	
50-200/110	11	15	57.5	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							75.8	74.8	74	71.5	63.5	55.5	47						65x50	
50-250/220	22	30	89.5							86	85.3	84	81.5	73.5	65.5	57						65x50	
65-125/40	4	5.5	19										17.3	16.8	14.5	13	11.8					80x65	
65-125/55	5.5	7.5	23										21.3	20.9	19	17.5	16.7	13.7				80x65	
65-125/75	7.5	10	27										26	25.6	24.5	23	22.5	20	18			80x65	
65-160/92	9.2	12.5	33	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	29.5			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	51	49	48.2	44.5	42				80x65	
65-200/220	22	30	59										59.5	58	56	55	52	49.5	44.5			80x65	
65-250/220	22	30	64.8										64.7	62	60	58.5	53	50				80x65	
65-250/300	30	40	80										79.8	77.5	75.5	74.5	70	66	58			80x65	
65-250/370	37	50	92										90.5	88.5	87	85	80.5	78	68			80x65	
65-315/370	37	50	102										99.2	97	95	94.5	92.4	90	83			80x65	
65-315/450	45	60	112	1	1				1	—			109.2	107.7	105.8	104.5	102.5	100	93	66		80x65	
65-315/550	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-315/750	75	100	141										139.8	137.3	135.6	134.5	132.5	130	122	96	65.5	80x65	
80-125/40	4	5.5	17									16.5	15.9	14.3	13.5	11.6	10	7.5				100x80	
80-125/55	5.5	7.5	21	—	□	—			—	□	□		20.5	20	19	18	16.5	15	12.5	9.5		100x80	
80-125/75	7.5	10	26										25	25	24.5	23.8	22.5	21.5	19.5	16.5		100x80	

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

TECHNICAL DATA

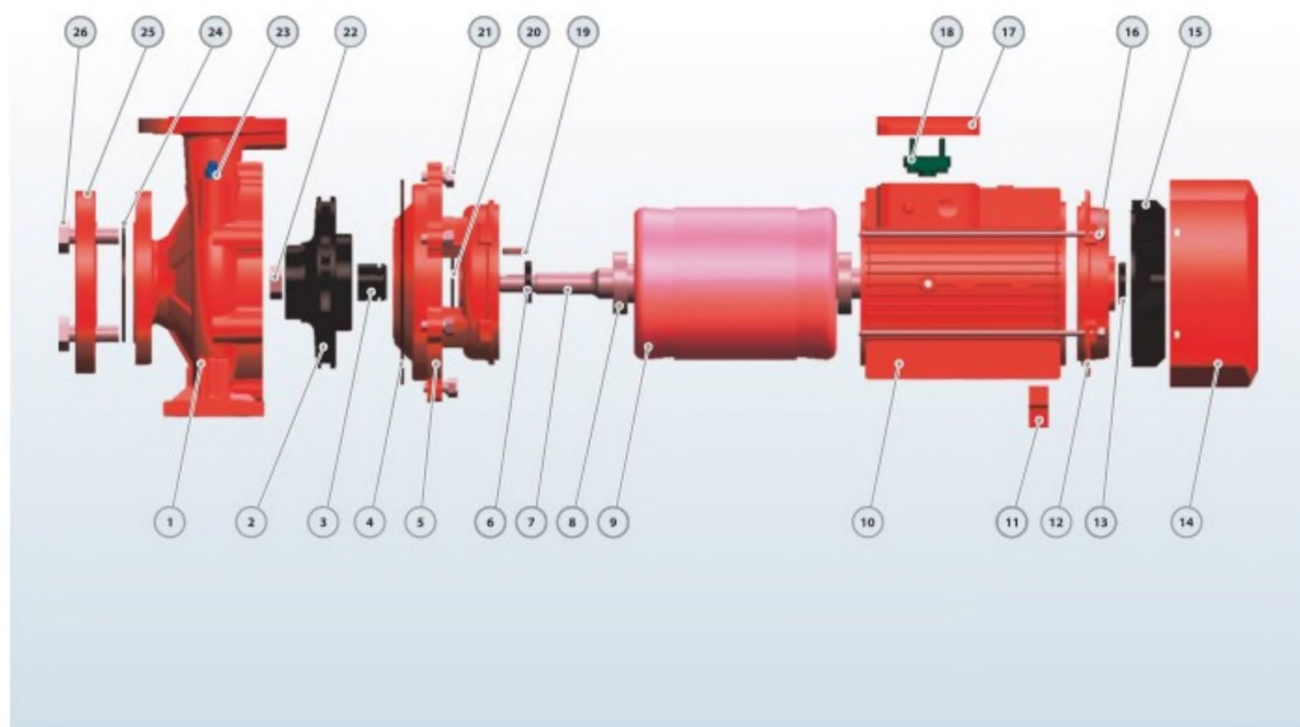
50 Hz n=29001/min
60 Hz n=3500 1/min

MODEL	Power		us gpm l/min	Q = DELIVERY																	DN
				0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	
	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	SOO	600	800	
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	38	36.7	33.6	28.8	25.3	23.5										100x80
80-160/220 •	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5										100x80
80-200/220 •	22	3Q		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5										100x80
80-200/300 •	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5										100x80
80-250/370 •	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5										100x80
80-250/450 •	45	60		88	86.7	86	83.6	78.5	70.5	60	51										100x80
80-250/550 •	55	75		945	945	945	918	87	79.5	72.1	683										100x80
80-315/450 •	45	60		85	84	82.6	82	78	68.3	61	56										100x80
80-315/550 •	55	75		98	97	95.6	95	91	813	74	69										100x80
80-315/750 •	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8								100x80
80-315/900 •	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8								100x80
100-160/150 •	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	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	31.5	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	31.7	29	21.7	18						125x100
100-200/370 •	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29						125x100
100-250/450 •	45	60		65	65	64	63	61	58	56	55	53.3	50	39	335						125x100
100-25Q/550 •	55	75		77	76	755	75	73.8	72	71.7	71.5	70.7	69	62.3	59						125x100
100-250/750 •	75	100		91	91	90	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48					125x100
100-31S/550 •	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60					125x100
100-315/750 •	75	100		100			99	97.4	95	94	93.5	93	91.3	88	86	80					125x100
100-315/900 •	90	125		118			116.5	114.7	112	111	110.8	1105	108.7	106	104	98					125x100
100-315/1100 •	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118					125x100
125-200/450 •	45	60		39.8			39.3	39.2	39	38.9	38.9	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	58.5	56	55	49.6	46				150x125
125-250/550 •	55	75		70			67	65	64	63	62	61	59.5	57	56	53					150x125
125-250/750 •	75	100		80			77	75	74	73	72	71	69.8	67.1	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	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	43	42.8	31.2	200x150	
150-200/H00 •	110	150	652								62	61.7	61.2	60.8	59.8	592	57.2	54	46	200x150	
ISO-250/1100 •	110	150	67											642	62	606	55.8	49.8	33.8	200x150	
ISO-250/1320 ®	132	180	802											78.2	763	75	70.6	65	502	29.8 200x150	
150-250/1600 •	160	220	90											884	87	86	82	77.2	62.4	42 200x150	
150-315/1600 •	160	220	92											90	88.3	872	828	76.8	604	200x150	
150-315/2000 •	200	270	111											110.6	108.7	1074	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

Other sizes can be on the request.

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	Mechanical Seal	SICX^rtxMVSS304	12	Base 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 Specification (60HZ)





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 ron
250					/	Cast iron	Cast iron

TECHNICAL DATA

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

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

GPM	Bar	Pump for diesel 2900rpm	Pump for electric 3500rpm	Motor pump 3500rpm
1250	14	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	-	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	17	PSC100-375BV2500	PSC100-375B1/2500	-
1500	8	PS125-250/1100	PS125-200/1100	-
1500	9	PS125-315/1100	PS125-250/1100	-
1500	10	PS125-315/1320	PS125-250/1320	-
1500	11	PS125-315/1320	PS12S-250/1320	-
1500	12	PS125-315/1600	PS125-250/1600	-
1500	13	PS125-315/1600	PS125-250/1600	-
1500	15	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	18	PSC100-375A1/2500	PSC100-375AV2500	-
2000	8	PS150-250/1600	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	1.5	22	21	19.7	16.5	14.5	9														50x32	
32-160/15	1.5	2	25.4	23.7	22.5	18.5	15.8															50x32	
32-160/22	2.2	3	31	29.6	28.5	24.5	22	15														50x32	
32-160/30	3	4	35	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	51.5	52	50	45.5	41.9	35	30.3													50x32	
32-250/55	5.5	7.5	60	59.5	59	55	51	45														50x32	
32-250/75	7.5	10	69.5	69	68.5	66	63	53														50x32	
32-250/110	11	15	90	89.5	89	82	79	66														50x32	
32-250/55D	5.5	7.5	79.5	74.7	71.8	63	56	37.5														50x32	
32-250/75D	7.5	10	95	93	91	83	76	57.8														50x32	
40-125/11	1.1	1.5	14.7				13.5	11.5	10.1	5.8												65x40	
40-125/15	1.5	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	8.3										65x40	
40-160/30	3	4	31.8				29.5	27.5	26.3	21.5	17.5											65x40	
40-160/40	4	5.5	35	1	1		36	34	33	28.5	25	20.1										65x40	
40-200/55	5.5	7.5	46				43.8	41.3	40.1	35	30											65x40	
40-200/75	7.5	10	57	1	1		53.6	51.5	50	45	41	36.5										65x40	
40-250/92	9.2	12.5	64				59	56.5	55	49.5	45	39.8										65x40	
40-250/110	11	15	72	1	1		67.5	66	63.5	57.5	52.2	47										65x40	
40-250/150	15	20	84.5				80	77.3	75.2	71	65	61										65x40	
50-125/22	2.2	3	17							15.4	14	12.8	11.5	6.5								65x50	
50-125/30	3	4	20							18.8	18	17	15.6	u								65x50	
50-125/40	4	5.5	24							23.1	23	21.5	20.3	15.8	11.8							65x50	
50-160/55	5.5	7.5	32							30.6	30	28	26.6	20.5	14.8							65x50	
50-160/75	7.5	10	40							38	37	36	34.4	29	24	21						65x50	
50-200/92	9.2	12.5	50.5							46.8	45	43	40.9	32.5	26.7							65x50	
50-200/110	11	15	57.5	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							75.8	74.8	74	71.5	63.5	55.5	47						65x50	
50-250/220	22	30	89.5							86	85.3	84	81.5	73.5	65.5	57						65x50	
65-125/40	4	5.5	19										17.3	16.8	14.5	13	11.8					80x65	
65-125/55	5.5	7.5	23										21.3	20.9	19	17.5	16.7	13.7				80x65	
65-125/75	7.5	10	27										26	25.6	24.5	23	22.5	20	18			80x65	
65-160/92	9.2	12.5	33	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	29.5			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	51	49	48.2	44.5	42				80x65	
65-200/220	22	30	59										59.5	58	56	55	52	49.5	44.5			80x65	
65-250/220	22	30	64.8										64.7	62	60	58.5	53	50				80x65	
65-250/300	30	40	80										79.8	77.5	75.5	74.5	70	66	58			80x65	
65-250/370	37	50	92										90.5	88.5	87	85	80.5	78	68			80x65	
65-315/370	37	50	102										99.2	97	95	94.5	92.4	90	83			80x65	
65-315/450	45	60	112	1	1				1	—			109.2	107.7	105.8	104.5	102.5	100	93	66		80x65	
65-315/550	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76		80x65	
65-315/750	75	100	141										139.8	137.3	135.6	134.5	132.5	130	122	96	65.5	80x65	
80-125/40	4	5.5	17									16.5	15.9	14.3	13.5	11.6	10	7.5				100x80	
80-125/55	5.5	7.5	21	—	□	—			—	□	□		20.5	20	19	18	16.5	15	12.5	9.5		100x80	
80-125/75	7.5	10	26										25	25	24.5	23.8	22.5	21.5	19.5	16.5		100x80	

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

TECHNICAL DATA

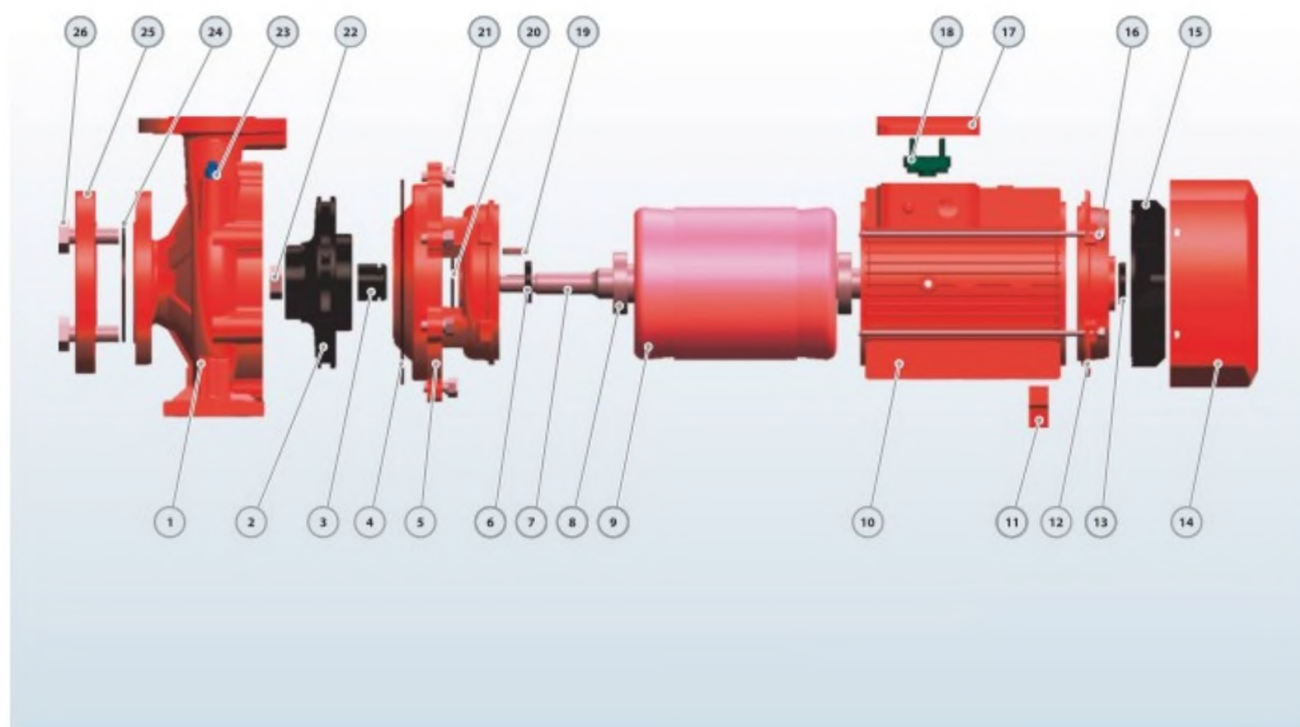
50 Hz n=29001/min
60 Hz n=3500 1/min

MODEL	Power		us gpm l/min	Q = DELIVERY																	DN
				0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	
	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	SOO	600	800	
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	38	36.7	33.6	28.8	25.3	23.5										100x80
80-160/220 •	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5										100x80
80-200/220 •	22	3Q		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5										100x80
80-200/300 •	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5										100x80
80-250/370 •	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5										100x80
80-250/450 •	45	60		88	86.7	86	83.6	78.5	70.5	60	51										100x80
80-250/550 •	55	75		945	945	945	918	87	79.5	72.1	683										100x80
80-315/450 •	45	60		85	84	82.6	82	78	68.3	61	56										100x80
80-315/550 •	55	75		98	97	95.6	95	91	813	74	69										100x80
80-315/750 •	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8								100x80
80-315/900 •	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8								100x80
100-160/150 •	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	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	31.5	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	31.7	29	21.7	18						125x100
100-200/370 •	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29						125x100
100-250/450 •	45	60		65	65	64	63	61	58	56	55	53.3	50	39	335						125x100
100-25Q/550 •	55	75		77	76	755	75	73.8	72	71.7	71.5	70.7	69	62.3	59						125x100
100-250/750 •	75	100		91	91	90	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48					125x100
100-31S/550 •	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60					125x100
100-315/750 •	75	100		100			99	97.4	95	94	93.5	93	91.3	88	86	80					125x100
100-315/900 •	90	125		118			116.5	114.7	112	111	110.8	1105	108.7	106	104	98					125x100
100-315/1100 •	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118					125x100
125-200/450 •	45	60		39.8			39.3	39.2	39	38.9	38.9	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	58.5	56	55	49.6	46				150x125
125-250/550 •	55	75		70			67	65	64	63	62	61	59.5	57	56	53					150x125
125-250/750 •	75	100		80			77	75	74	73	72	71	69.8	67.1	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	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	43	42.8	31.2	200x150	
150-200/H00 •	110	150	652								62	61.7	61.2	60.8	59.8	592	57.2	54	46	200x150	
ISO-250/1100 •	110	150	67											642	62	606	55.8	49.8	33.8	200x150	
ISO-250/1320 ®	132	180	802											78.2	763	75	70.6	65	502	29.8 200x150	
150-250/1600 •	160	220	90											884	87	86	82	77.2	62.4	42 200x150	
150-315/1600 •	160	220	92											90	88.3	872	828	76.8	604	200x150	
150-315/2000 •	200	270	111											110.6	108.7	1074	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

Other sizes can be on the request.

MATERIAL DESCRIPTION



No.	Description	Material	No.	Description <i>Descriptiön</i>	Material <i>Material</i>	No.	Description <i>Desclipcidi</i> n	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>Terrninal Board</i>	Ptaslic			



Stainless Steel Pumps CDLF

[CDLF]Stainless Steel Centrifugal Pump Industrial Water Pump Manufacturers

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.

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

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

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.

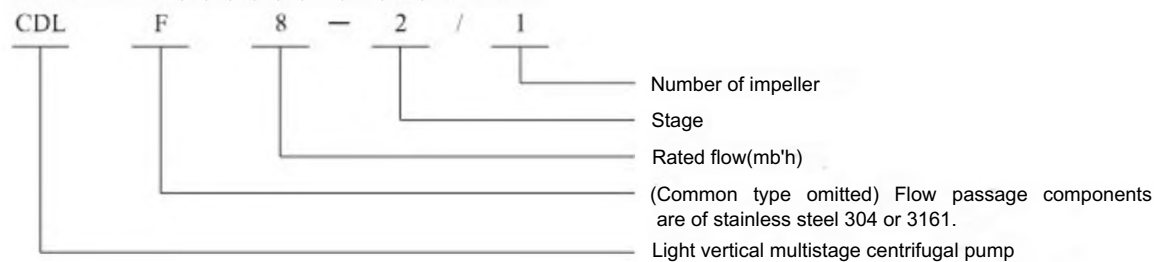
- Liquid temperature:
Normal temperature type: $-15^{\circ}\text{C} \sim +70^{\circ}\text{C}$,
Hot water type: $15^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Ambient temperature: up to $+40^{\circ}\text{C}$.
- Altitude: up to 1000m

- 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

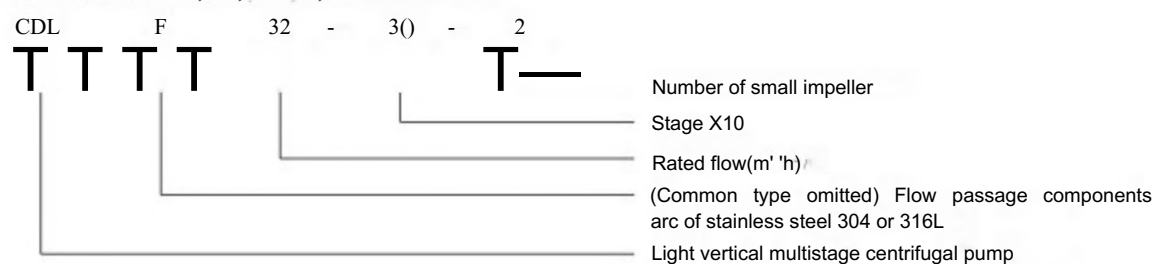


Definition of Model

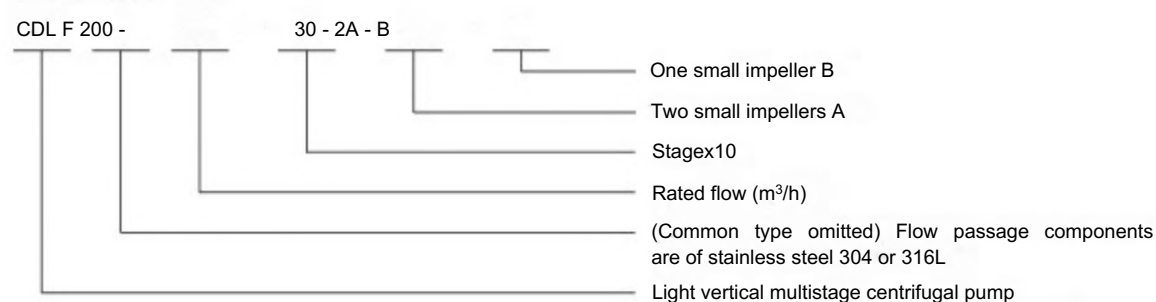
CDL/CDLF1,2,3,4,5,8,10,12,15,16 and 20



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



CDL/CDLF200



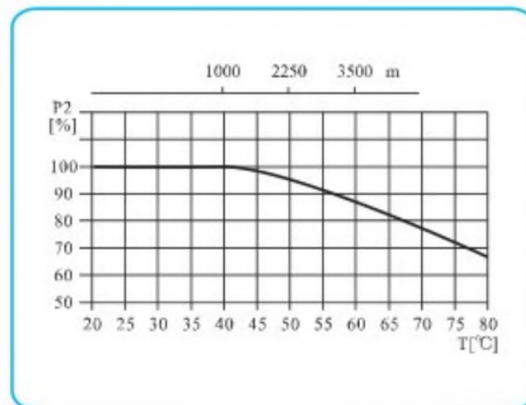
• Max working pressure

Model	Max. pivssurdbar)
CDL1,23A5Flange	25
CDL(F) 1.23.4,5 Cher F'lange	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	16(30)
32-90-2-32-160	30
CDLF32	30
CDL42	
42-10-1^42-60-2	16(30)
42-60-42-90	25(30)
42-100-2-42-130-2	30
CDLF42	
42-10-1-42-90	25(30)
42-100-2-42-130-2	30
CDL65	
65-10-1-65-50-2	16(25)
65-50-1-65-80-1	25
CDL85	
85-10-1^85-40-2	16(25)
85-40-A5-60	25
CDLF65,K5	25
CDUCDLFI20J 50,200	20

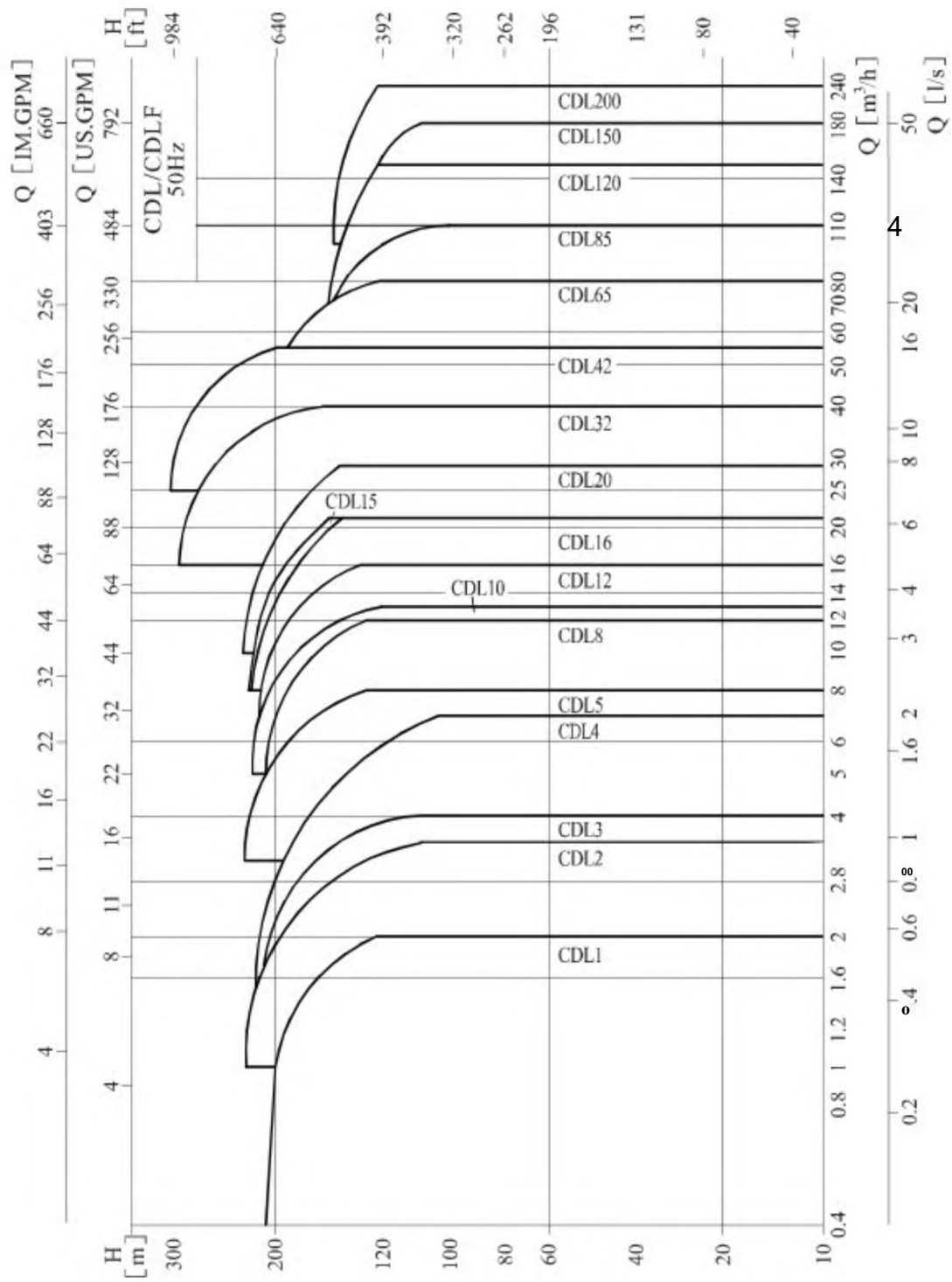
Pumps with pressure inside brackets need to specify especially.

• 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]

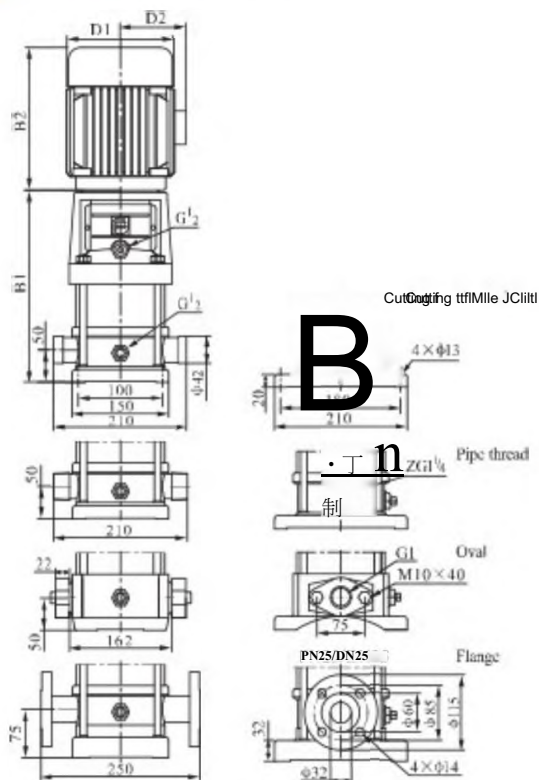


Performance table

Model	Drive motor		Q (m³/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
	(kW)	(hp)										
CDLI-2	0.37	0.5	H (m)	B	12.5	12	11.5	11	10.5	10	9.5	9
CDLI-3	0.37	0.5		19	18	17.5	17	16.5	16	15	14	12
CDLI-M	0.37	0.5		24	23.5	23	22.5	21.5	21	19	19	16
CDLI-5	0.37	0.5		30	29.6	29	28	27	26	24	22	20
CDLI-6	0.37	0.5		36	35.5	35	33.5	33	31	28	26	23
CDLI-7	0.37	0.5		42	41	40.5	39	38	36	33	30	27
CDLI-8	0.55	0.75		48	47	46	45	43	41	38	34	30
CDLI-9	0.55	0.75		54	53	52	51	49	46	43	39	33
CDLI-10	0.55	0.75		60	59	58	57	54	51	47	43	36
CDLI-11	0.55	0.75		66	65	63	61	59	56	52	47	40
CDLI-12	0.75	1		72	71	69	67	64	61	57	51	44
CDLI-B	0.75	1		78	77	75	73	69	66	62	55	47
CDLI-15	0.75	1		84	83	81	79	76	72	67	60	51
CDLI-17	1.1	1.5		101	99	97	95	89	86	80	71	62
CDLI-W	1.1	1.5		113	111	108	106	99	96	89	79	69
CDLI-21	1.5	2		124	122	119	117	110	106	99	87	75
CDLI-23	1.5	2		137	133	131	128	121	116	107	95	82
CDLI-25	2.2	3		149	145	143	139	131	126	116	104	89
CDLI-27	2.2	3		161	157	155	150	141	136	125	112	95
CDLI-30	3	4		178	175	171	166	157	150	139	124	106
CDLI-33	4	5.5		196	192	188	183	173	165	154	137	118
CDLI-36	5.5	7.5		214	210	205	200	190	181	169	151	130



Installation sketch



• Size and weight

Model	Size (mm)					Weight W
	B1	B2	BHB2	D1	D2	
CDLI-2	25H	225	483	14K	117	20
CDLI-3	276	225	501	148	117	20
CDLI-4	294	225	519	148	117	21
CDLI-5	312	225	537	148	117	21
CDLI-6	330	225	555	MH	in	22
CDLI-7	348	225	573	148	117	23
CDLI-8	366	225	591	14ft	H7	24
CDLI-9	3M	225	609	149	in	25
CDLI-10	402	225	627	148	117	26
CDLI-11	420	225	645	148	H7	26
CDLI-12	448	245	693	170	142	29
CDLI-13	466	245	711	170	142	30
CDLI-15	502	245	747	170	142	31
CDLI-17	538	245	783	170	142	33
CDLI-19	574	245	819	170	142	34
CDLI-21	610	245	855	170	142	35
CDLI-23	646	245	891	170	142	36
CDLI-25	692	290	982	190	155	42
CDLI-27	728	290	1018	190	155	43
CDLI-30	774	290	1072	190	155	45
CDLI-33	836	290	1126	190	155	49
CDLI-36	890	290	1180	190	155	51

CDLI-25 -)-36 sub-connection 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.

Other sizes can be on the request

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

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.

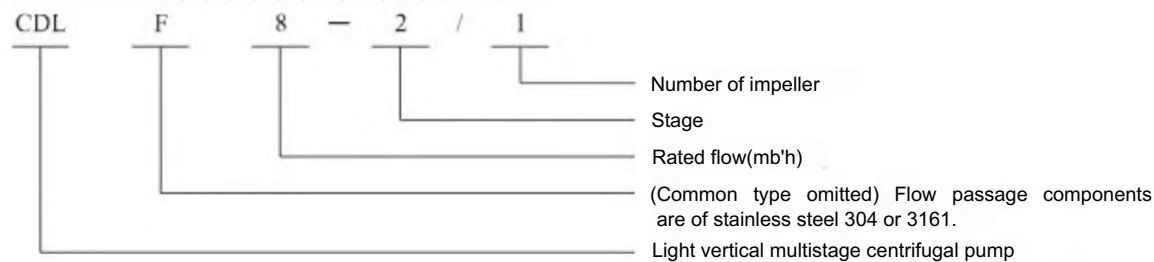
- Liquid temperature:
Normal temperature type: $-15^{\circ}\text{C} \sim +70^{\circ}\text{C}$,
Hot water type: $15^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Ambient temperature: up to $+40^{\circ}\text{C}$.
- Altitude: up to 1000m

- 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

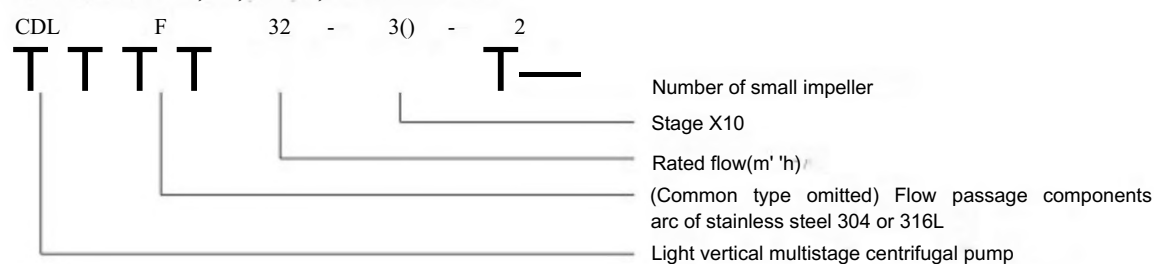


Definition of Model

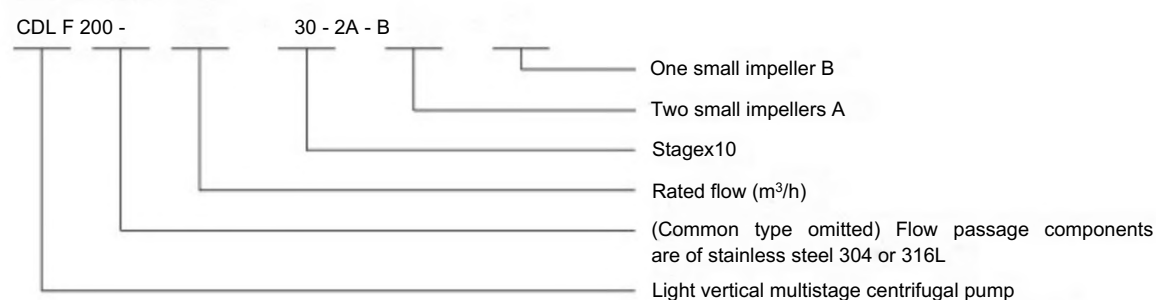
CDL/CDLF1,2,3,4,5,8,10,12,15,16 and 20



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



CDL/CDLF200



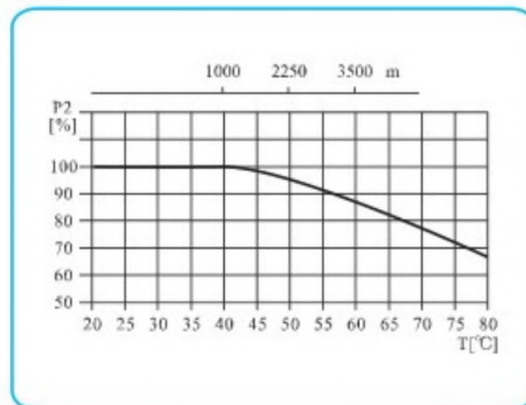
• Max working pressure

Model	Max. pressure (bar)
CDL1,23A5Flange	25
CDL(F) 1.23.4,5 Cher F flange	16
CDLFI ,23.4,5 Flange^cutting ferrule joint,pipe thread	25
CDL3J0J2J5.16J0 Flange	25
CDL(F)8 Over Flange	16
CDLKF10,12,15,16J0 Flange.cutting ferrule joint,pipe thread	25
CDL32	
32-10-1-32-80	16(30)
32-90-2-32-160	30
CDLF32	30
CDL42	
42-10-1-42-60-2	16(30)
42-60-42-90	25(30)
42-100-2-42-130-2	30
CDLF42	
42-10-1-42-90	25(30)
42-100-2-42-130-2	30
CDL65	
65-10-1-65-50-2	16(25)
65-50-1-65-80-1	25
CDL85	
85-10-1-85-40-2	16(25)
85-40-A5-60	25
CDLF65,K5	25
CDUCDLFI20J 50,200	20

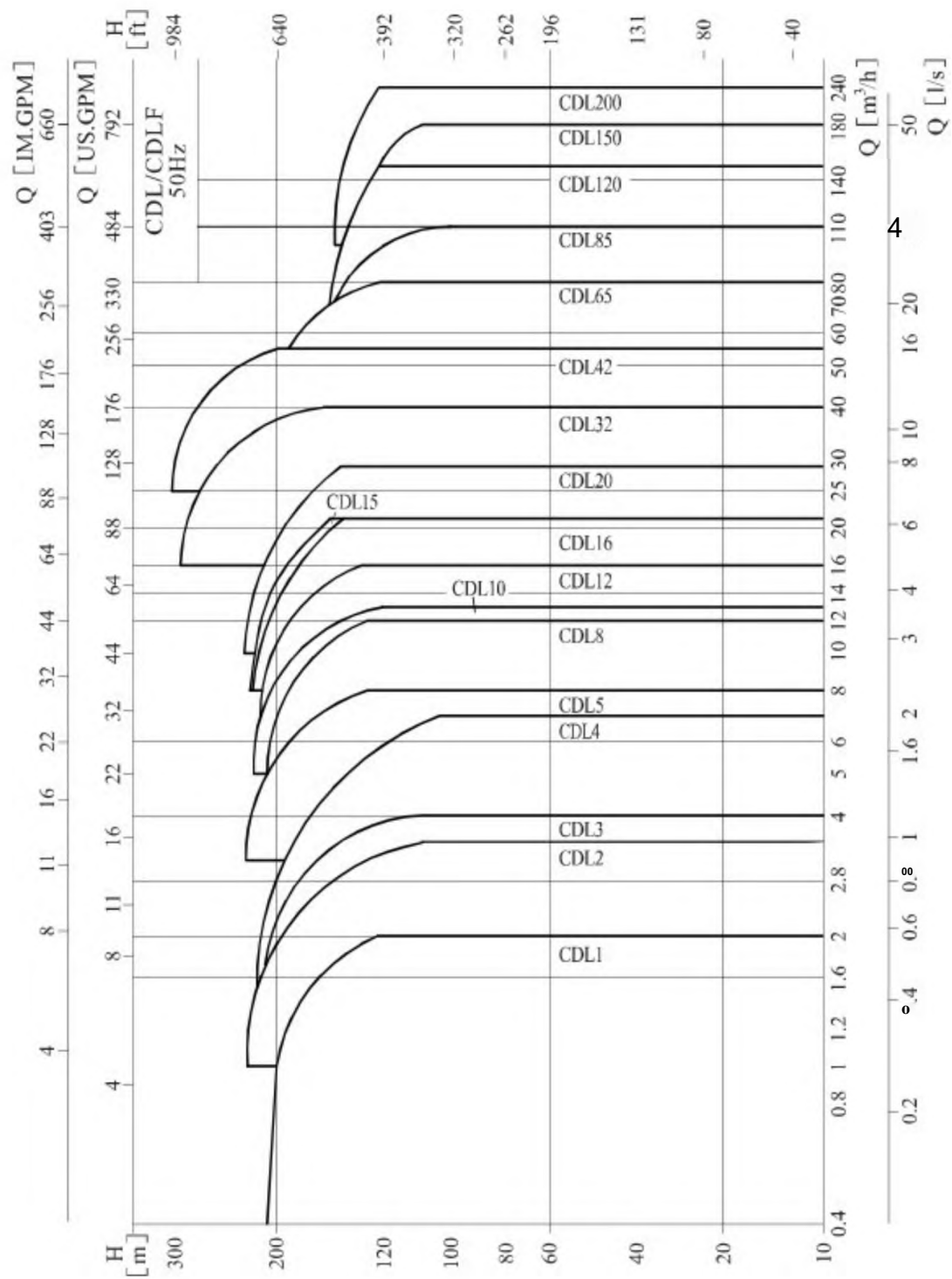
Pumps with pressure inside brackets need to specify especially.

• 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



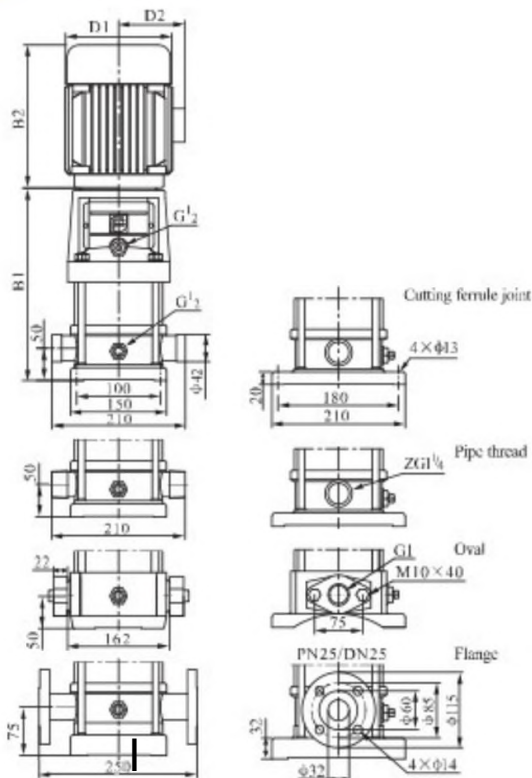


Performance table

Model	Dry viliu; motor		Q (m³/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
	(kW)	• M										
CDLI-2	0.37	0.5	H (m)	B	12.5	12	11.5	11	10.5	10	9.5	9
CDLI-3	0.37	0.5		19	18	17.5	17	16.5	16	15	14	12
CDLI-M	0.37	0.5		24	23.5	23	22.5	21.5	21	19	19	16
CDLI-5	0.37	0.5		30	29.6	29	28	27	26	24	22	20
CDLI-6	0.37	0.5		36	35.5	35	33.5	33	31	28	26	23
CDLI-7	0.37	0.5		42	41	40.5	39	38	36	33	30	27
CDLI-8	0.55	0.75		48	47	46	45	43	41	38	34	30
OLI-9	0.55	0.75		54	53	52	51	49	46	43	39	33
CDLI-10	0.55	0.75		60	59	58	57	54	51	48	43	36
CDLI-11	0.55	0.75		66	65	63	61	59	56	52	47	40
CDLI-12	0.75	1		72	71	69	67	64	61	57	51	44
CDLI-B	0.75	1		78	77	75	73	69	66	62	55	47
CDLI-15	0.75	1		R9	80	86	M	79	76	n	63	55
CDLI-17	1.1	1.5		101	99	97	95	89	86	80	71	62
CDLI-W	1.4	1.5		113	no	108	106	99	96	89	79	69
CDLI-21	1.4	1.5		124	122	120	117	110	106	98	87	75
CDLI-23	1.1	1.5		137	133	131	128	121	116	107	95	82
CDLI-25	1.5	2		149	145	143	139	131	126	116	104	89
CDLI-27	1.5	2		161	157	155	150	141	136	125	112	95
CDLI-30	1.5	2		178	175	171	166	157	150	139	124	106
CDLI-33	2.2	3		196	192	188	183	173	165	154	137	118
CDLI-36	2.2	3		214	210	205	200	190	181	169	151	130



Installation sketch



• Size and weight

Model	Size (mm)					Weight
	B1	R2	BHR2	DI	D2 W	
CDLI-2	252	225	483 I4K		117.1 20~	
CDLI-3	276	225	501	148	117	20
CDLI-4	294	225	519	148	117	21
CDLI-5	T?	225	537	148	117	21
CDLI-6	330	225	555	148	117	22
CDLI-7	348	225	573	148	117	23~
CDLI-8	366	225	591	148	117	24
CDLI-9	384	225	609	149	117	25
CDLI-10	402	225	627	148	117	26
CDLI-11	420	225	645 I4K		U7	26
CDLI-12	448	245	693	170	142	29
CDLI-B	466	245	711	170	142	30^
CDLI-15	502	245	747	170	142	31
CDLI-17	520	245	775	170	142	33
CDLI-19	538	245	819	170	142	34
CDLI-21	610	245	855	170	142	35
CDLI-23	646	245	891	170	142	36
CDLI-25	692	290	992	190	155	42
CDLI-27	728	290	1018	190	155	43
CDLI-30	772	290	1072	190	155	45
CDLI-33	836	290	1126	190	155	49
CDLI-36	900	290	1180	190	155	51

CDLI-25 -)-36 sub-connection 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.

Other sizes can be on the request



Stainless Steel 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

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- 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.

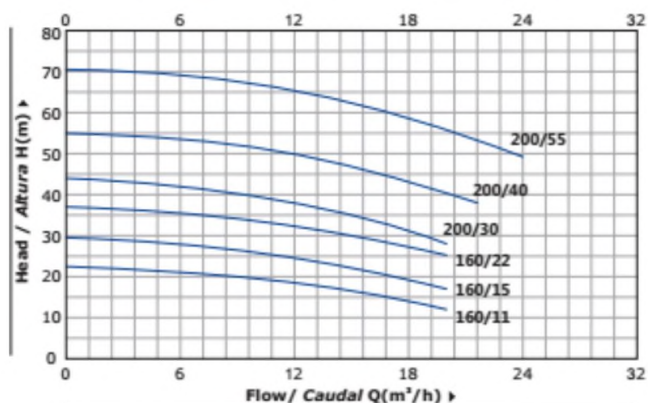
TECHNICAL DATA/DATOS TECNICOS

50HZ n=2900 l/min

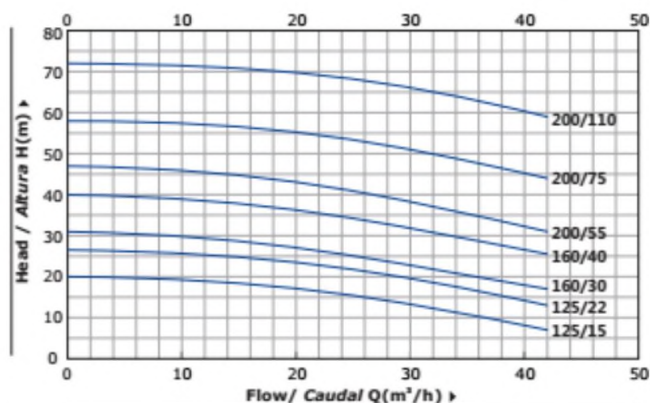
MODEL N/DELO	Power Potencia		L/min	Q=DELIVERY / CAUDAL																			DN	
	kw	hp		m³/h	0	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800		4000
			mm		0	9	12	18	20	24	36	42	54	72	114	126	132	138	150	204	216	228	240	mm
32-160/11	1.1	1.5		22.5	19.9	18.4	14.1	12															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

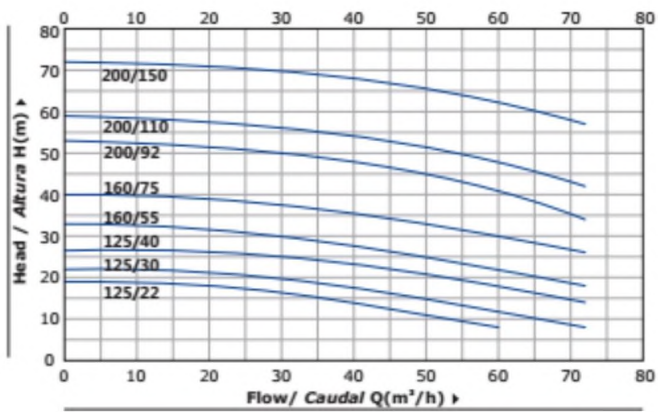


PZ 32

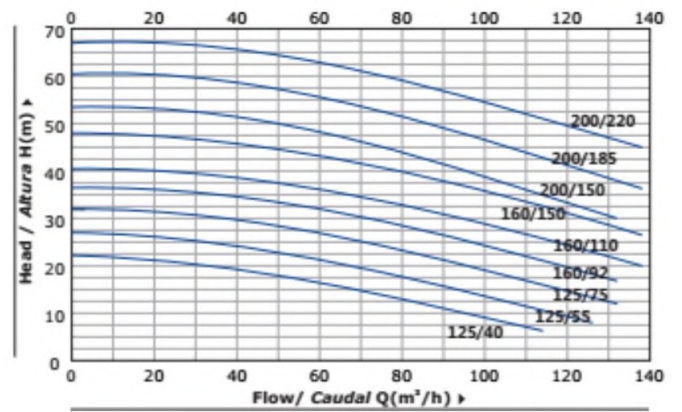


PZ 40

50 Hz n=29001/min

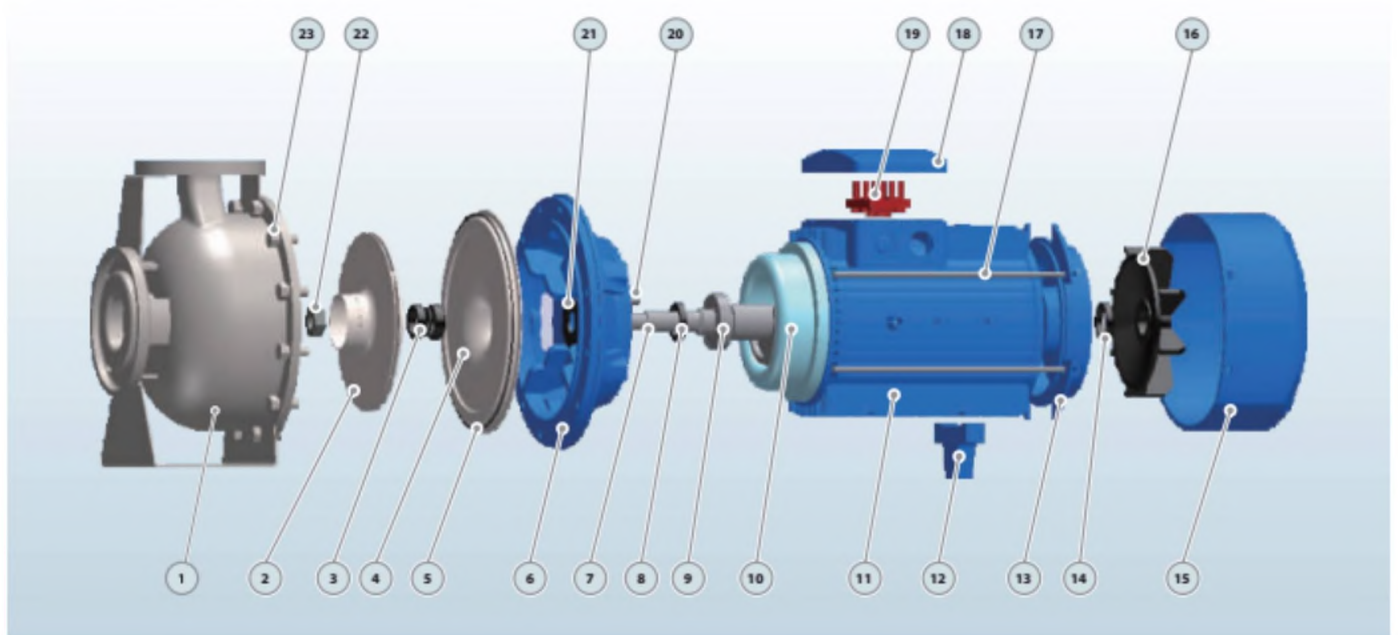


PZ 50



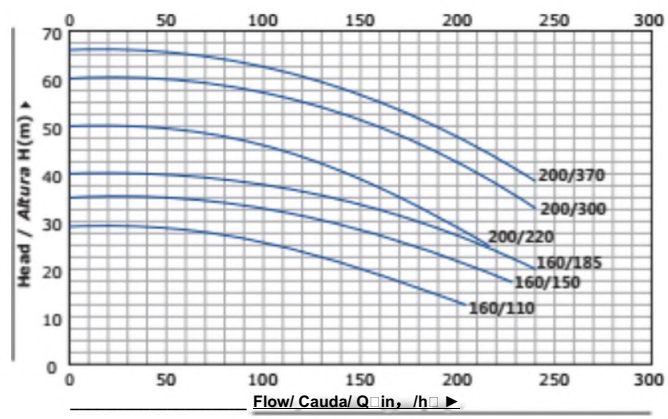
PZ 65

MATERIAL DESCRIPTION / DESCRIPCION DE MATERIAL



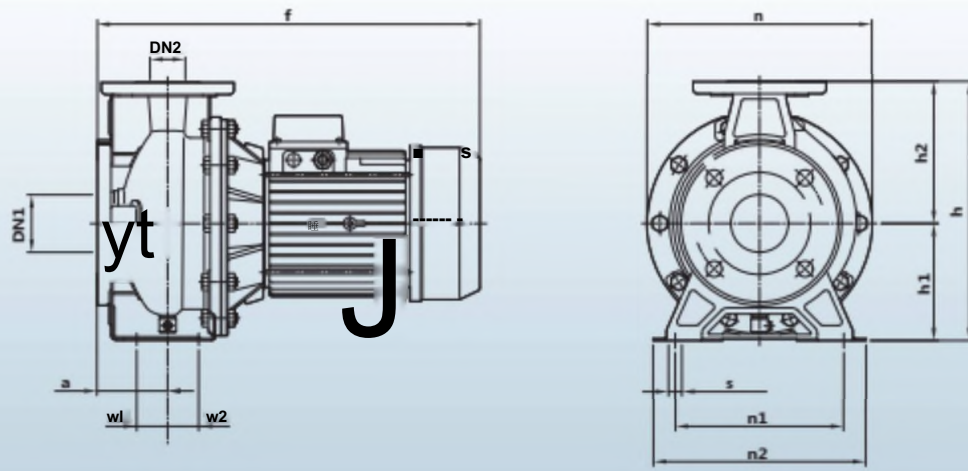
No.	Description <i>Descripción</i>	Material <i>Materia</i>	No*	Description <i>Descripción</i>	Material <i>Materia</i>	No.	Description <i>Descripción</i>	Material <i>Materia</i>
1	Pump Case <i>Cuerpo de Bomba</i>	SS304 <i>In ox 304</i>	9	Bearing <i>Rodamiento</i>	Ball Bearing <i>Bola Rodamiento</i>	17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

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 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.



Stainless Steel Pumps CDL

[CDL]Stainless Steel Centrifugal Pump Industrial Water Pump Manufacturers

CDL/ CDLF is a kind of multifunctional [products.it](https://www.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.

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

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

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.

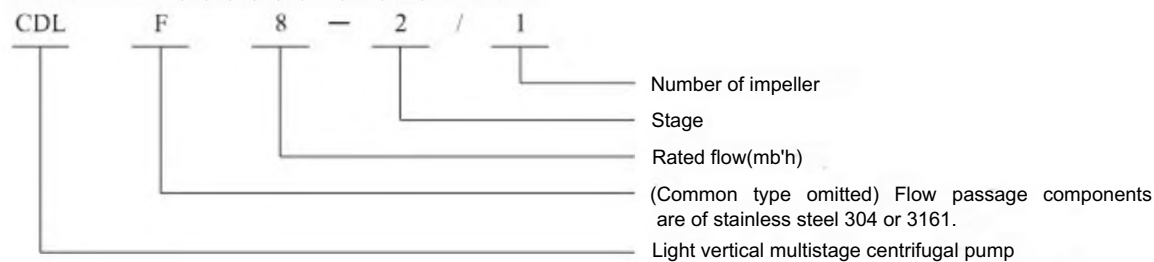
- Liquid temperature:
Normal temperature type: $-15^{\circ}\text{C} \sim +70^{\circ}\text{C}$,
Hot water type: $15^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Ambient temperature: up to $+40^{\circ}\text{C}$.
- Altitude: up to 1000m

- 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

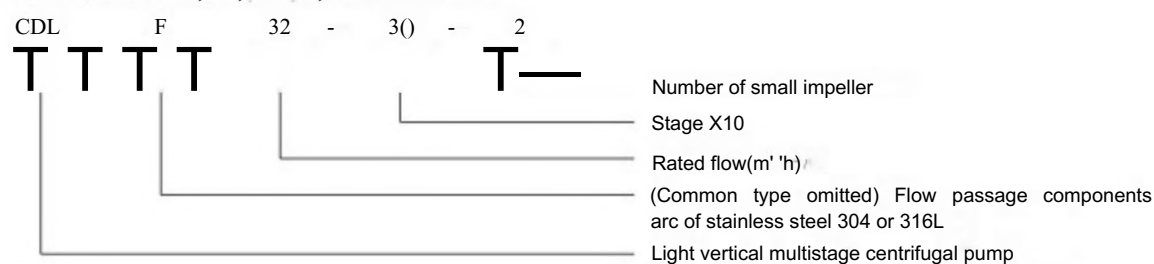


Definition of Model

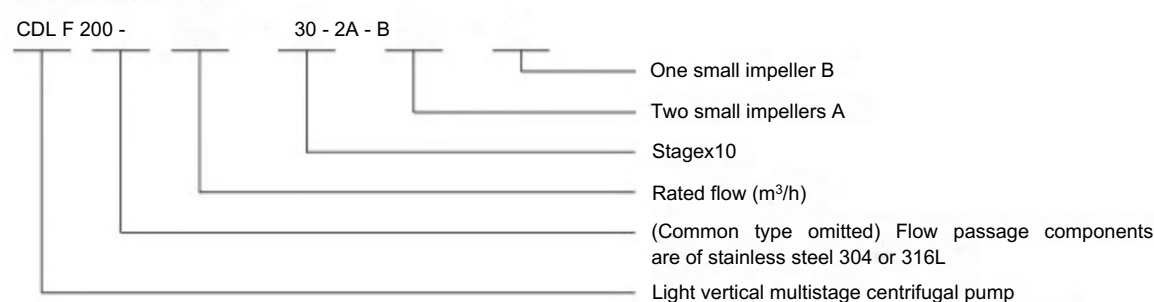
CDL/CDLF1,2,3,4,5,8,10,12,15,16 and 20



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



CDL/CDLF200



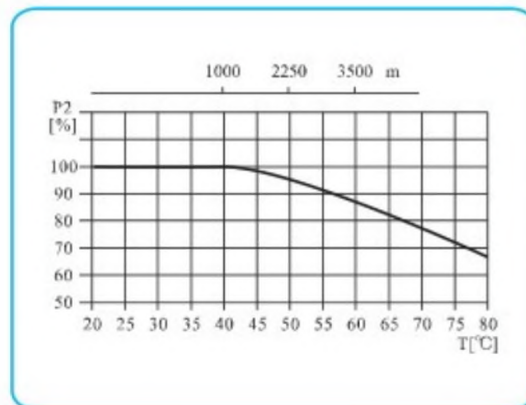
• Max working pressure

Model	Max. pivssurdbar)
CDL1,23A5Flange	25
CDL(F) 1.23.4,5 Cher F'lange	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	16(30)
32-90-2-32-160	30
CDLF32	30
CDL42	
42-10-1^42-60-2	16(30)
42-60-42-90	25(30)
42-100-2-42-130-2	30
CDLF42	
42-10-1-42-90	25(30)
42-100-2-42-130-2	30
CDL65	
65-10-1-65-50-2	16(25)
65-50-1-65-80-1	25
CDL85	
85-10-1^85-40-2	16(25)
85-40-A5-60	25
CDLF65,K5	25
CDUCDLFI20J 50,200	20

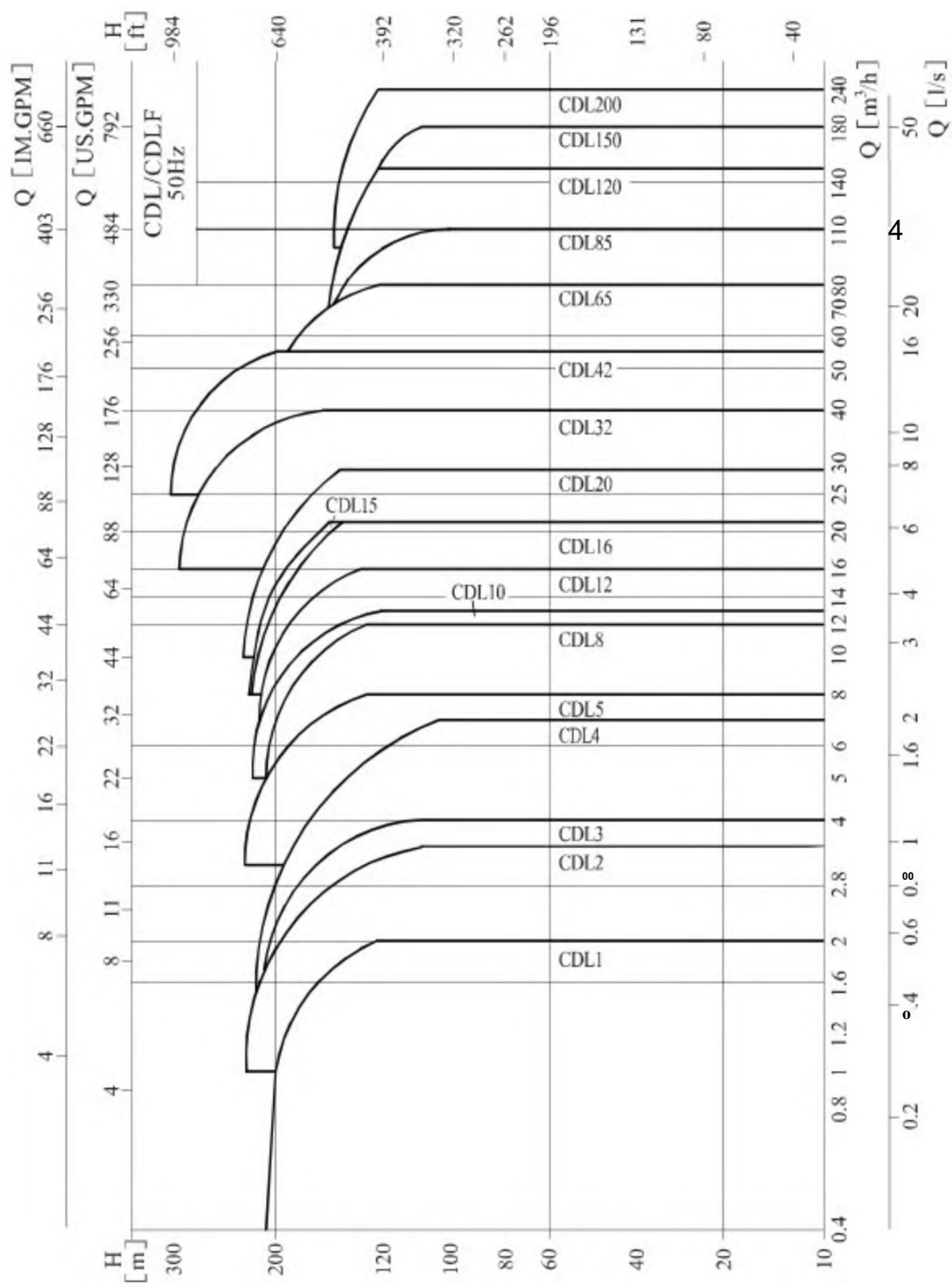
Pumps with pressure inside brackets need to specify especially.

• 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

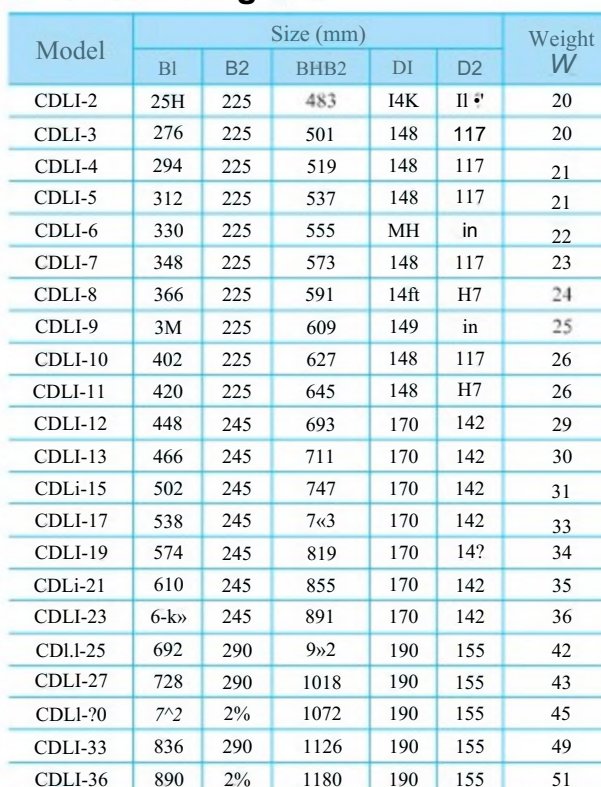


- **Product range**

[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.

Other sizes can be on the request

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

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.

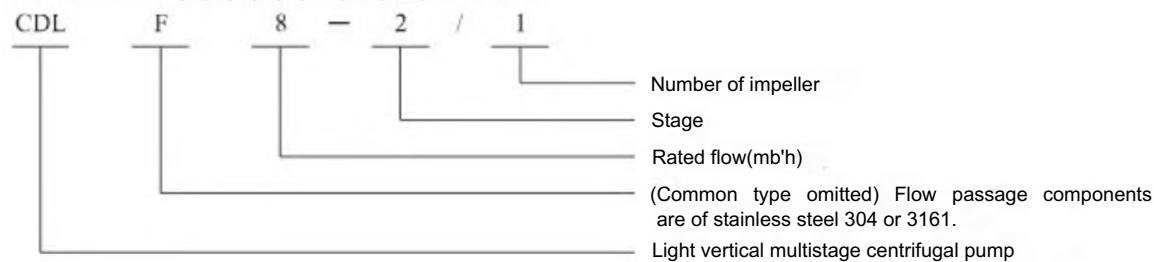
- Liquid temperature:
Normal temperature type: $-15^{\circ}\text{C} \sim +70^{\circ}\text{C}$,
Hot water type: $15^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Ambient temperature: up to $+40^{\circ}\text{C}$.
- Altitude: up to 1000m

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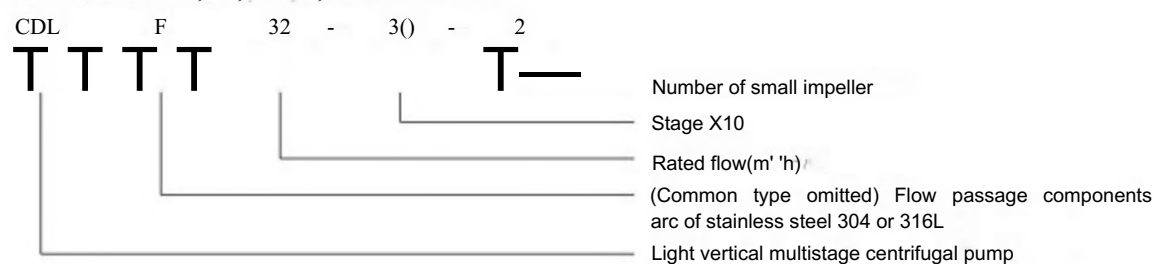


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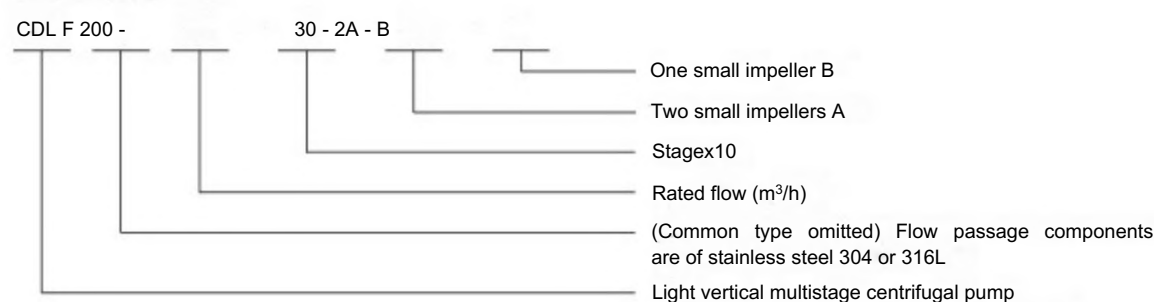
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CDL/CDLF200



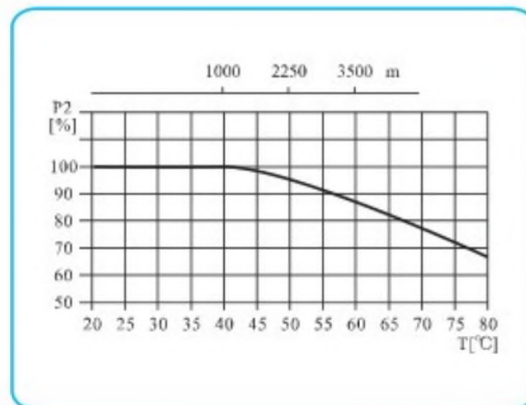
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32-90-2-32-160	30
CDLF32	30
CDL42	
42-10-1^42-60-2	16(30)
42-60-42-90	25(30)
42-100-2-42-130-2	30
CDLF42	
42-10-1-42-90	25(30)
42-100-2-42-130-2	30
CDL65	
65-10-1-65-50-2	16(25)
65-50-1-65-80-1	25
CDL85	
85-10-1^85-40-2	16(25)
85-40-A5-60	25
CDLF65,K5	25
CDUCDLFI20J 50,200	20

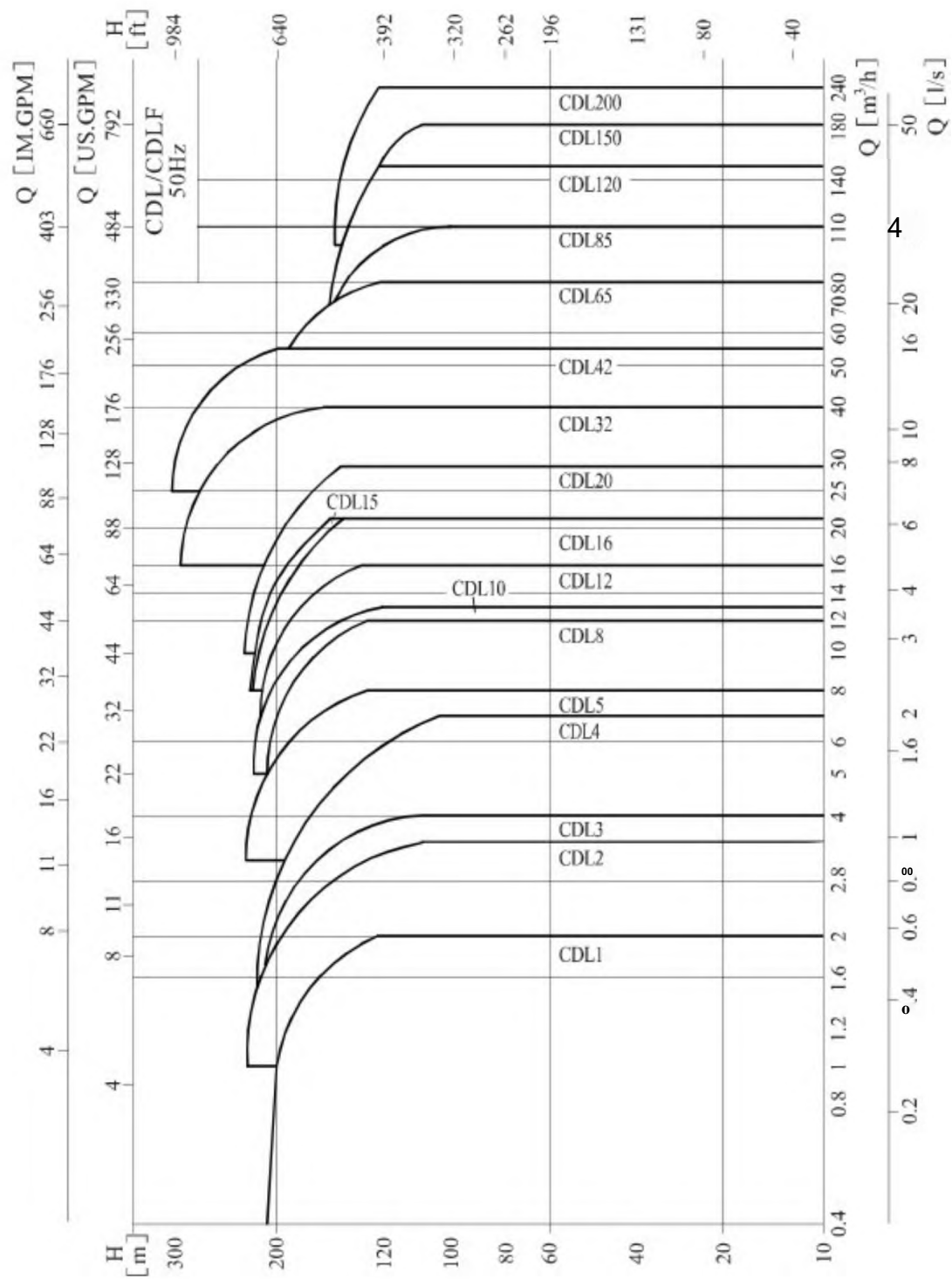
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• Max. Ambient temperature

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- Performance scope



- **Product range**

[illegible]

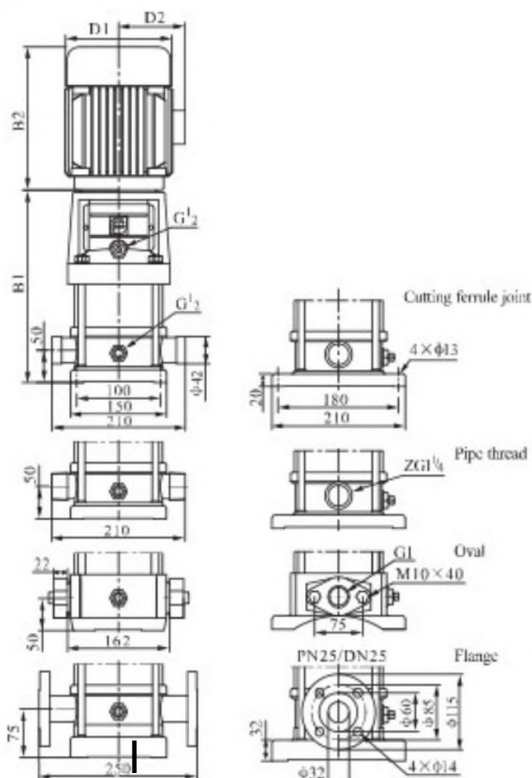


Performance table

Model	Dry viliu; motor		Q (m³/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
	(kW)	• M										
CDLI-2	0.37	0.5	H (m)	B	12.5	12	11.5	11	10.5	10	9.5	9
CDLI-3	0.37	0.5		19	18	17.5	17	16.5	16	15	14	12
CDLI-M	0.37	0.5		24	23.5	23	22.5	21.5	21	19	19	16
CDLI-5	0.37	0.5		30	29.6	29	28	27	26	24	22	20
CDLI-6	0.37	0.5		36	35.5	35	33.5	33	31	28	26	23
CDLI-7	0.37	0.5		42	41	40.5	39	38	36	33	30	27
CDLI-8	0.55	0.75		48	47	46	45	43	41	38	34	30
OLI-9	0.55	0.75		54	53	52	51	49	46	43	39	33
CDLI-10	0.55	0.75		60	59	58	57	54	51	48	43	36
CDLI-11	0.55	0.75		66	65	63	61	59	56	52	47	40
CDLI-12	0.75	1		72	71	69	67	64	61	57	51	44
CDLI-B	0.75	1		78	77	75	73	69	66	62	55	47
CDLI-15	0.75	1		R9	81	86	M	79	76	n	63	55
CDLI-17	1.1	1.5		101	99	97	95	89	86	80	71	62
CDLI-W	1.4	1.5		113	no	108	106	99	96	89	79	69
CDLI-21	1.4	1.5		124	122	121	117	110	106	9H	87	75
CDLI-23	1.1	1.5		137	133	131	128	121	116	107	104	82
CDLI-25	1.5	2		149	145	143	139	131	126	116	104	89
CDLI-27	1.5	2		161	157	155	150	141	136	125	112	95
CDLI-30	1.5	2		178	175	171	166	157	150	139	124	106
CDLI-33	2.2	3		196	192	188	183	173	165	154	137	118
CDLI-36	2.2	3		214	210	205	200	190	181	169	151	130



Installation sketch



• Size and weight

Model	Size (mm)					Weight
	B1	R2	BHR2	DI	D2 W	
CDLI-2	25?	225	483 I4K		117.1 20~	
CDLI-3	276	225	501	148	117	20
CDLI-4	294	225	519	148	117	21
CDLI-5	T?	225	537	148	117	21
CDLI-6	330	225	555	148	Y17	22
CDLI-7	348	225	573	148	117	23~
CDLI-8	366	225	591	148	117	23~
CDLI-9	*S-1	225	609	149	H7	25
CDLI-10	402	225	627	148	117	26
CDLI-11	420	225	645 I4K		U7	26
CDLI-12	448	245	693	170	142	29
CDLI-B	466	245	711	170	142	30^
CDLI-15	502	245	747	170	142	31
CDLI-17	520	245	770	170	142	33
CDLI-19	J74	245	819	170	142	34
CDLI-21	610	245	855	170	142	35
CDLI-23	646	245	891	170	142	36
CDLI-25	692	290	992	190	155	42
CDLI-27	~728	290	1018	190	155	43
CDLI-30	7X2	290	1072	190	155	45
CDLI-33	836	290	1126	190	175	49
CDLI-36	^90	290	1180	190	155	51

CDLI-25 -)-36 sub-connection 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.

Other sizes can be on the request

По вопросам продаж и поддержки обращайтесь:

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Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
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Ростов-на-Дону (863)308-18-15
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Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
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Тюмень (3452)66-21-18
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Череповец (8202)49-02-64
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