

Stainless steel standard pump



NEW DESCRIPTION

- ♦ Stainless steel 304 standard pump design
- ♦ All wetted parts are in stainless steel 304
- ♦ Both square motor & round motor available
- ♦ Stainless steel AISI 316 material as request
- ♦ Back pull-out design without removing the pipes
- ♦ Quality NSK bearing, wear resistance mechanical seal
- ♦ Available to delivery some impure liquid

USING LIMITS

- ♦ Liquid temperature between **-10°C** and **+120°C**
- ♦ Ambient temperature between **0°C** and **+50°C**
- ♦ Max. working pressure **16 bar/Continuous S1**

APPLICATIONS

- ♦ Transport does not contain solid particles, suitable for pressurized transport of corrosive media, and places requiring clean water quality



Back pull-out design

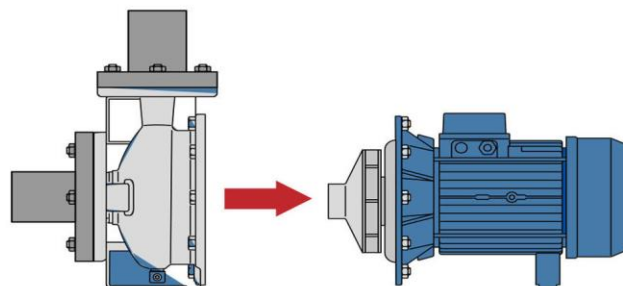
Diseño extraíble hacia atrás

Conception arrière coulissante

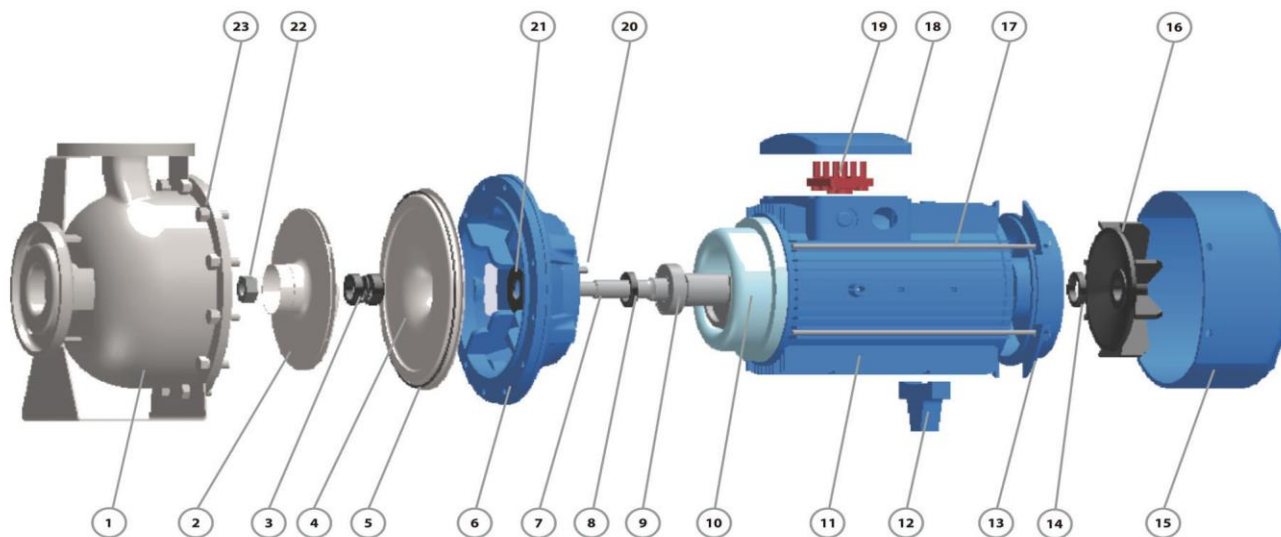
It allows removal of the motor, the coupling, the cantilever support and the impeller without compromising the housing of the pump body or removing the pipes.

Permite retirar el motor, el acoplamiento, el soporte en voladizo y el impulsor sin comprometer la carcasa del cuerpo de la bomba ni quitar las tuberías.

Il permet le démontage du moteur, de l'accouplement, du support en porte-à-faux et de la roue sans compromettre le logement du corps de pompe ou retirer les tuyaux.



MATERIAL DESCRIPTION/DESCRIPCIÓN DE MATERIAL/DESCRIPTION DU MATÉRIEL



No.	Description	Material
1	Pump Case	SS304
2	Impeller	SS304
3	Mechanical Seal	SiC/Carbon/SS304
4	Baffle plate	SS304
5	O-ring	Rubber
6	Connection	Cast iron
7	Shaft	SS304
8	Reinforced Seal	Rubber

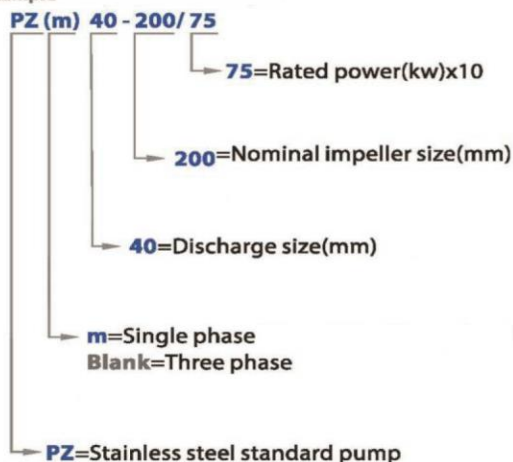
No.	Description	Material
9	Bearing	Ball Bearing
10	Wound Stator/Rotor	Silicon/Copper
11	Motor Case	Aluminum
12	Support Foot	Plastic
13	Back Cover	Cast iron
14	Reinforced Seal	Rubber
15	Fan Cover	Aluminum
16	Fan	Plastic

No.	Description	Material
17	Through Bolt	Steel
18	Terminal Box	Aluminum
19	Terminal Board	Plastic
20	Impeller Key	Iron
21	Water Deflector	Rubber
22	Impeller Nut	Galvanized Steel
23	Connection Bolt	Steel



MODEL CODE

For example



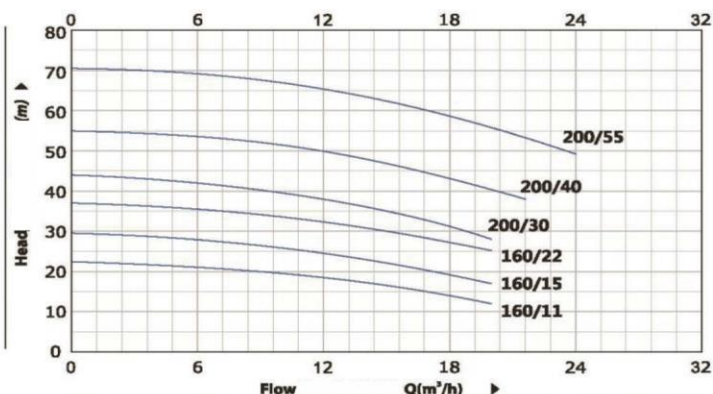
50Hz n=2900 r/min

MODEL	DN	Power		Q=DELIVERY																		
				l/min	150	200	300	333	400	600	700	900	1200	1900	2100	2200	2300	2500	3400	3600	3800	4000
				m³/h	9	12	18	20	24	36	42	54	72	114	126	132	138	150	204	216	228	240
				H=Head											(m)							
PZ 32-160/11	50x32	1.1	1.5	22.5	19.9	18.4	14.1	12	-	-	-	-	-	-	-	-	-	-	-	-	-	
PZ 32-160/15	50x32	1.5	2	29.5	26.5	24.5	19.2	17	-	-	-	-	-	-	-	-	-	-	-	-	-	
PZ 32-160/22	50x32	2.2	3	37	34	32	27	25	-	-	-	-	-	-	-	-	-	-	-	-	-	
PZ 32-200/30	50x32	3	4	44	40	37.5	31	28	-	-	-	-	-	-	-	-	-	-	-	-	-	
PZ 32-200/40	50x32	4	5.5	55	52	49.5	43.5	40.5	37	-	-	-	-	-	-	-	-	-	-	-	-	
PZ 32-200/55	50x32	5.5	7.5	70.5	67.5	65	58.5	55	51	-	-	-	-	-	-	-	-	-	-	-	-	
PZ 40-125/15	65x40	1.5	2	20	-	19	17.6	17	15.7	10.3	7	-	-	-	-	-	-	-	-	-	-	
PZ 40-125/22	65x40	2.2	3	26.5	-	25.5	24	23.5	22	16.4	13	-	-	-	-	-	-	-	-	-	-	
PZ 40-160/30	65x40	3	4	31	-	29.5	27.5	27	25.5	20	17	-	-	-	-	-	-	-	-	-	-	
PZ 40-160/40	65x40	4	5.5	40	-	38.5	37	36	34.5	29	25.5	-	-	-	-	-	-	-	-	-	-	
PZ 40-200/55	65x40	5.5	7.5	47	-	45.5	44	43	41	35	31	-	-	-	-	-	-	-	-	-	-	
PZ 40-200/75	65x40	7.5	10	58	-	57	55.5	55	53.5	47.5	44	-	-	-	-	-	-	-	-	-	-	
PZ 40-200/110	65x40	11	15	72	-	71	70	70	68.5	63	59	-	-	-	-	-	-	-	-	-	-	
PZ 50-125/22	65x50	2.2	3	19	-	-	-	-	17.5	14.9	13.4	10.7	-	-	-	-	-	-	-	-	-	
PZ 50-125/30	65x50	3	4	22	-	-	-	-	20.5	18.4	17	14.4	8	-	-	-	-	-	-	-	-	
PZ 50-125/40	65x50	4	5.5	26.5	-	-	-	-	26	24	22.5	20.5	14	-	-	-	-	-	-	-	-	
PZ 50-160/55	65x50	5.5	7.5	33	-	-	-	-	31	28.5	27	24.5	18	-	-	-	-	-	-	-	-	
PZ 50-160/75	65x50	7.5	10	40	-	-	-	-	38.5	36	35	32.5	26	-	-	-	-	-	-	-	-	
PZ 50-200/92	65x50	9.2	12.5	53	-	-	-	-	49	47.5	44.5	34	-	-	-	-	-	-	-	-	-	
PZ 50-200/110	65x50	11	15	59	-	-	-	-	55	54	51	42	-	-	-	-	-	-	-	-	-	
PZ 50-200/150	65x50	15	20	72	-	-	-	-	69	68	65	57	-	-	-	-	-	-	-	-	-	
PZ 65-125/40	80x65	4	5.5	22.2	-	-	-	-	19.8	19	17.3	13.5	6.3	-	-	-	-	-	-	-	-	
PZ 65-125/55	80x65	5.5	7.5	27	-	-	-	-	-	24	22.2	18.5	10.8	8	-	-	-	-	-	-	-	
PZ 65-125/75	80x65	7.5	10	32	-	-	-	-	-	29.5	27.8	24	16.1	13.4	12	-	-	-	-	-	-	
PZ 65-160/92	80x65	9.2	12.5	36.5	-	-	-	-	-	34.5	32.8	29	21.1	18.3	16.8	-	-	-	-	-	-	
PZ 65-160/110	80x65	11	15	40.5	-	-	-	-	-	38.5	37.1	33.5	25.8	23	21.5	20	-	-	-	-	-	
PZ 65-200/150	80x65	15	20	53.5	-	-	-	-	-	51	49	44.5	35.3	31.8	30	-	-	-	-	-	-	
PZ 65-200/185	80x65	18.5	25	60.5	-	-	-	-	-	58.5	56.5	52	43	39.7	38	36.3	-	-	-	-	-	
PZ 65-200/220	80x65	22	30	67	-	-	-	-	-	65.5	64	60	51	48	46.5	45	-	-	-	-	-	
PZ 80-160/110	100x80	11	15	29	-	-	-	-	-	-	-	27.5	24.2	23	22.4	21.8	20.4	12.5	-	-	-	
PZ 80-160/150	100x80	15	20	35	-	-	-	-	-	-	-	34.5	31.5	30.5	30	29.4	28.1	21	19.1	17	-	
PZ 80-160/185	100x80	18.5	25	40	-	-	-	-	-	-	-	39.5	36.7	35.7	35.2	34.7	33.5	26.4	24.4	22.3	20	
PZ 80-200/220	100x80	22	30	50	-	-	-	-	-	-	-	48.5	44.5	43	42	41	39	27.8	25	-	-	
PZ 80-200/300 *	100x80	30	40	60	-	-	-	-	-	-	-	59	56	54.5	54	53	51	41.5	39	36.1	33	
PZ 80-200/370 *	100x80	37	50	66	-	-	-	-	-	-	-	64	61	59.5	59	58	56.5	47	44.5	41.5	38.5	

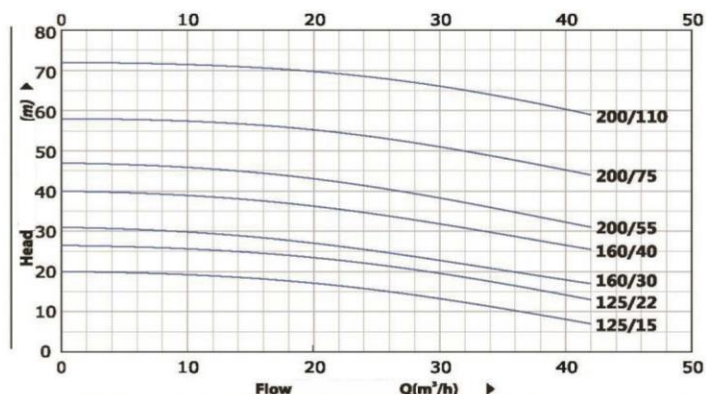


50Hz $n=2900 \text{ r/min}$

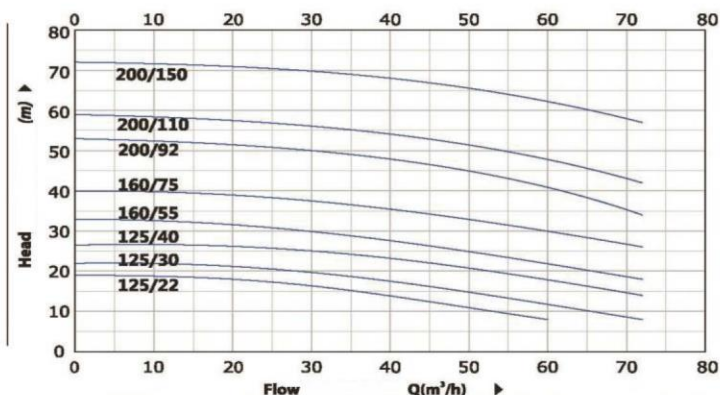
PERFORMANCE CURVE



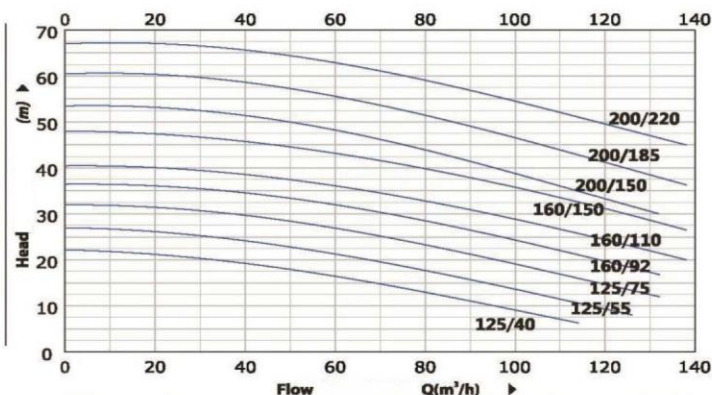
PZ 32



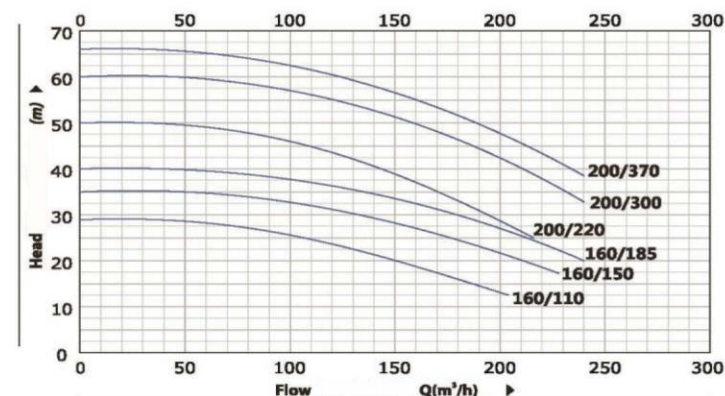
PZ 40



PZ 50



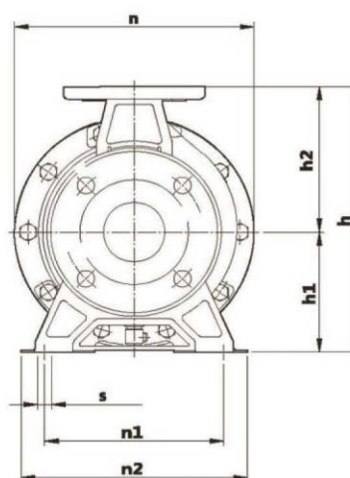
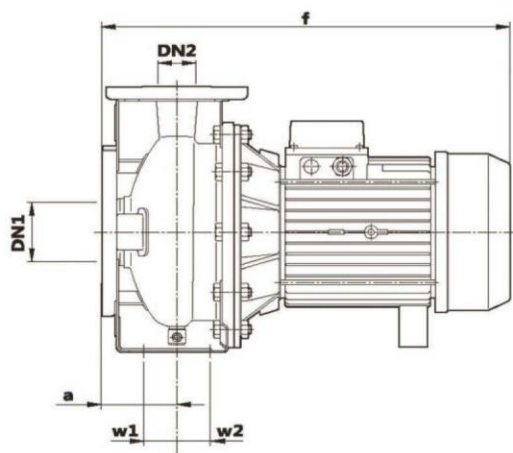
PZ 65



PZ 80



DIMENSIONS AND WEIGHT



MODEL Single-phase	Three-phase	DIMENSIONS													kg	
		DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s	1~	3~
32-160/11-15	32-160/11-15	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	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	148	175	60	31	15	33.8	32.8/39.5
-	32-200/55	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	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
-	50-160/55-75	65	50	105	584	340	160	180	278	148	175	60	31	15	-	49.1/55.5
-	50-200/92-110	65	50	105	650	365	185	180	278	148	175	60	31	15	-	61.7/67.5
-	50-200/150	65	50	105	768	365	185	180	278	148	175	60	31	15	-	96
-	65-125/40	80	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	60	31	15	-	52/58.5
-	65-160/92-110	80	65	113	675	345	160	185	278	148	175	60	31	15	-	67/75.6
-	65-160/150	80	65	113	732	345	160	185	278	148	175	60	31	15	-	93
-	65-200/150-185	80	65	113	793	370	185	185	278	148	175	60	31	15	-	114/127
-	65-200/220	80	65	113	793	370	185	185	278	148	175	60	31	15	-	136
-	80-160/110	100	80	125	700	400	180	220	278	148	175	60	31	15	-	85
-	80-160/150-185	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	-	265/285

