

P S T L I N E

CENTRIFUGAL MONOBLOCK PUMP

Robustness, reliability and maximum performance in the PST line designed for intensive work in multiple applications.

A standard monoblock horizontal centrifugal pump made of cast iron with a stainless steel impeller. Ideal ally for fire equipment, industrial processes, water supply in large buildings, hotels and housing complexes.

Built- in cast iron base

Closed impeller made of stainless steel for maximum efficiency.

SIC/GRAPHITE Mechanical Seal

3500rpm 60hz IE3 IP55 3 phase motors.

Power ranging from 3HP to 50HP.

Flow rates up to 607gpm and Heads up to 297ft.

Suitable for intensive continuous use.

Available up to 125hp (upon request).

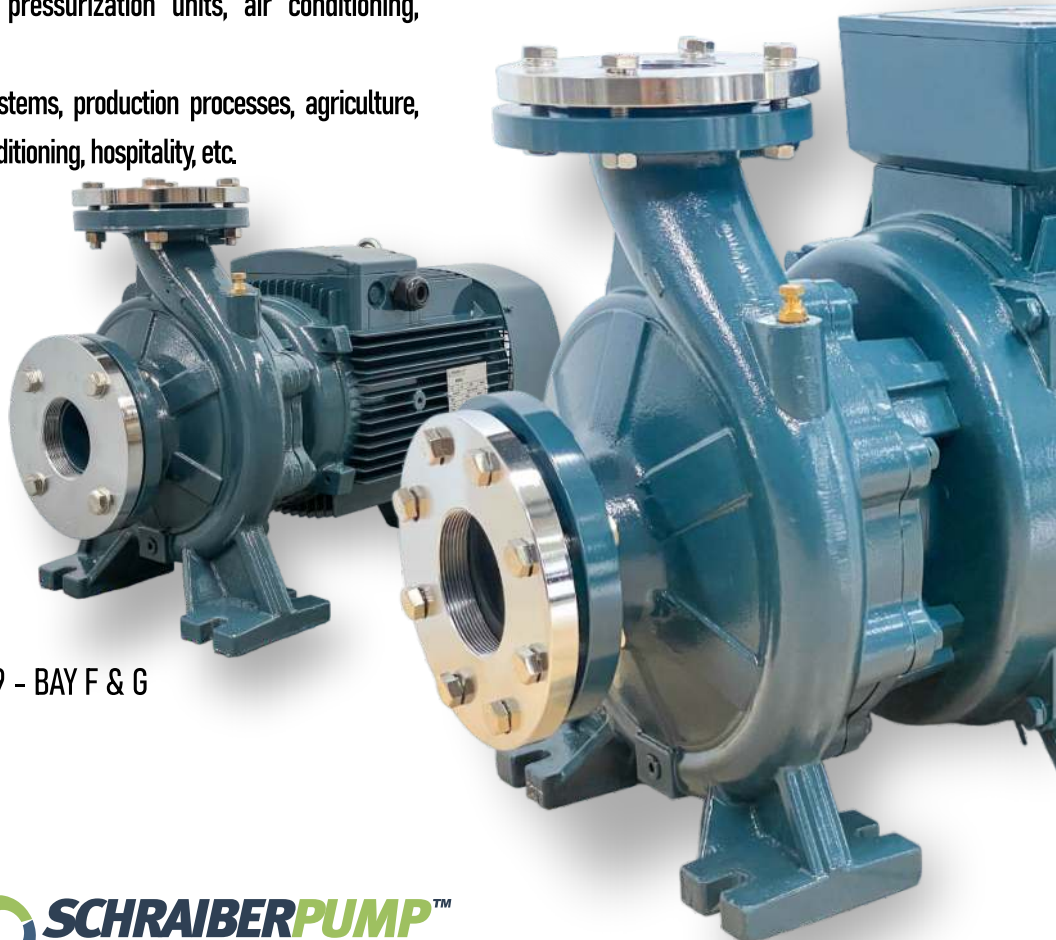
Complies with EN733 standard.

Liquid temperature from °F14 to °F248.

Ambient temperature from °F14 to °F122.

Designed specifically for pumping clean water free from abrasive particles and/or aggressive components. Recommended for water supplies, fire systems, production processes, agriculture, cooling towers, pressurization units, air conditioning, hospitality and more

Recommended for water supplies, fire systems, production processes, agriculture, cooling towers, pressurization units, air conditioning, hospitality, etc.



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PERFORMANCE TABLES

P S T L I N E

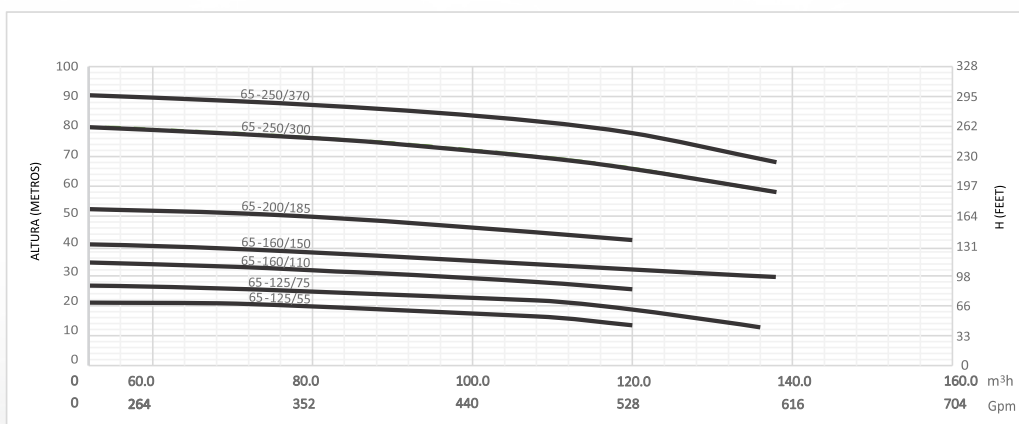
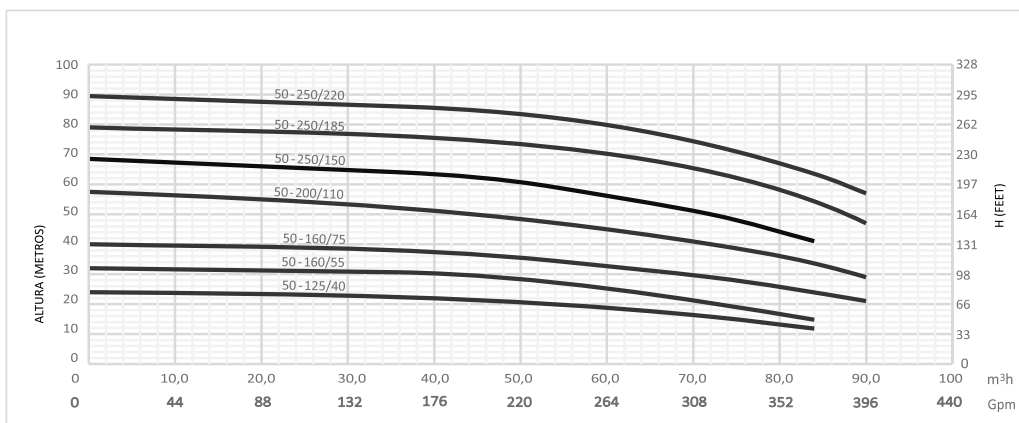
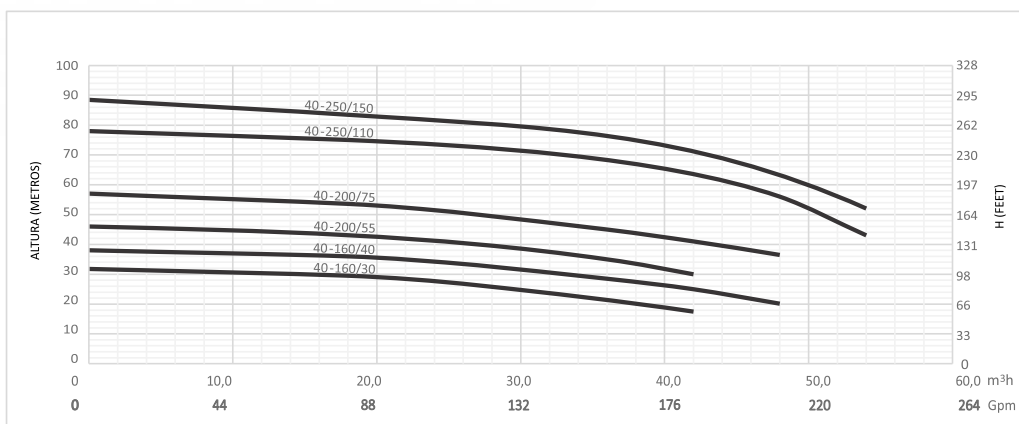
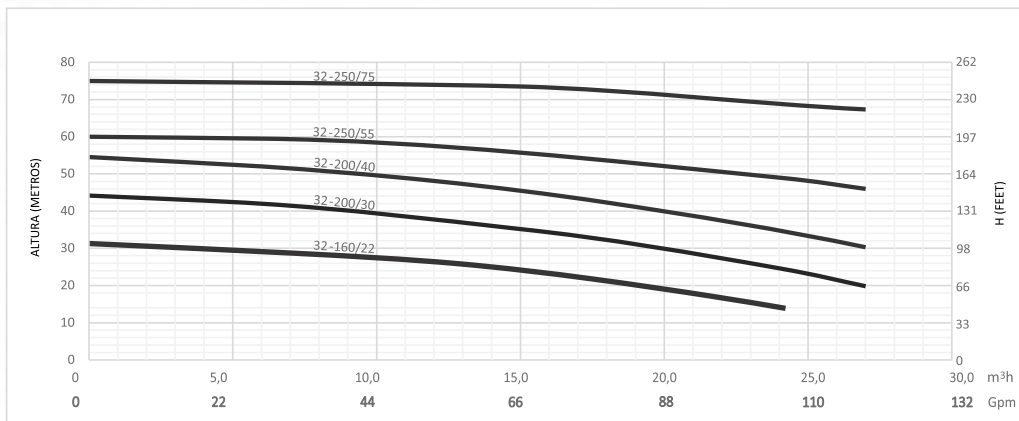
CENTRIFUGAL MONOBLOCK PUMP

MODEL	HP	Kw	RPM	Volt	Phase	Amp	Frec (Hz)	IP	Gpm	0.0	26.4	39.6	66.0	79.2	106.0	119.0	132.0	145.0
PST 32-160/22	4	3.0	3500	230/400	3PH	9,9/5,7	60	55	Alt (ft)	102	97	94	80	72	49			
PST 32-200/30	7.5	5.5	3500	230/400	3PH	23,8/13,7	60	55	Alt (ft)	145	138	131	115	106	81	65		
PST 32-200/40	4	3.0	3500	230/400	3PH	9,9/5,7	60	55	Alt (ft)	145	145	145	145	145	145	145		
PST 32-250/55	7.5	5.5	3500	230/400	3PH	23,8/13,7	60	55	Alt (ft)	197	195	194	180	174	161	151		
PST 32-250/75	7.5	5.5	3500	230/400	3PH	23,8/13,7	60	55	Alt (ft)	246	244	244	241	238	225	221		
MODEL	HP	Kw	RPM	Volt	Phase	Amp	Frec (Hz)	IP	Gpm	0.0	79.2	106.0	119.0	158.0	185.0	211.0	238.0	265.0
PST 40-160/30	4	3.0	3500	230/400	3PH	9,9/5,7	60	55	Alt (ft)	104	97	90	86	71	57			
PST 40-160/40	5.5	4.1	3500	230/400	3PH	12,9/7,4	60	55	Alt (ft)	125	118	112	108	93	82	66		
PST 40-200/55	7.5	5.5	3500	230/400	3PH	17,5/10,1	60	55	Alt (ft)	151	144	135	132	115	98			
PST 40-200/75	10	7.5	3500	230/400	3PH	23,8/13,7	60	55	Alt (ft)	187	176	169	164	148	134	120		
PST 40-250/110	15	11.2	3500	230/400	3PH	34/19,6	60	55	Alt (ft)	256	246	239	236	220	207	184	141	
PST 40-250/150	20	14.9	3500	230/400	3PH	46,1/26,5	60	55	Alt (ft)	290	274	264	259	243	231	213	171	
MODEL	HP	Kw	RPM	Volt	Phase	Amp	Frec (Hz)	IP	Gpm	0.0	158.0	185.0	211.0	238.0	317.0	370.0	396.0	475.0
PST 50-125/40	5.5	4.0	3500	230/400	3PH	12,9/7,4	60	55	Alt (ft)	79	76	75	71	67	52	39		
PST 50-160/55	7.5	5.5	3500	230/400	3PH	23,8/13,7	60	55	Alt (ft)	105	100	98	92	87	67	49		
PST 50-160/75	10	7.5	3500	230/400	3PH	23,8/13,7	60	55	Alt (ft)	131	125	121	118	113	95	79	69	
PST 50-200/110	15	11.2	3500	230/400	3PH	34/19,6	60	55	Alt (ft)	189	175	171	164	156	131	112	95	
PST 50-250/150	20	14.5	3500	230/400	3PH	46,1/26,5	60	55	Alt (ft)	225	210	207	202	194	164	135		
PST 50-250/185	25	18.6	3500	230/400	3PH	32,8/57	60	55	Alt (ft)	259	249	245	243	235	208	182	154	
PST 50-250/220	30	22.4	3500	230/400	3PH	66,9/38,5	60	55	Alt (ft)	294	282	280	276	267	241	208	187	
MODEL	HP	Kw	RPM	Volt	Phase	Amp	Frec (Hz)	IP	Gpm	0.0	211.2	238.0	317.0	370.0	396.0	475.0	528.0	607.0
PST 65-125/55	7.5	5.5	3500	230/400	3PH	23,8/13,7	60	55	Alt (ft)	75		70	69	62	57	55	45	
PST 65-125/75	10	7.5	3500	230/400	3PH	23,8/13,7	60	55	Alt (ft)	89		85	84	80	75	74	66	92
PST 65-160/110	15	11.2	3500	230/400	3PH	34/19,6	60	55	Alt (ft)	118		113	108	103	101	92	84	
PST 65-160/150	20	14.5	3500	230/400	3PH	46,1/26,5	60	55	Alt (ft)	138		135	131	126	124	115	108	97
PST 65-200/185	25	18.6	3500	230/400	3PH	32,8/57	60	55	Alt (ft)	171		172	167	161	158	146	138	
PST 65-200/220	30	22.4	3500	230/400	3PH	66,9/38,5	60	55	Alt (ft)	262		262	254	248	244	230	216	190
PST 65-250/300	40	29.8	3500	230/400	3PH	90,7/52,2	60	55	Alt (ft)	262		262	254	248	244	230	216	190
PST 65-250/370	50	37.2	3500	230/400	3PH	111,4/64	60	55	Alt (ft)	302		297	290	285	279	264	256	223

PERFORMANCE CURVES

P S T L N E

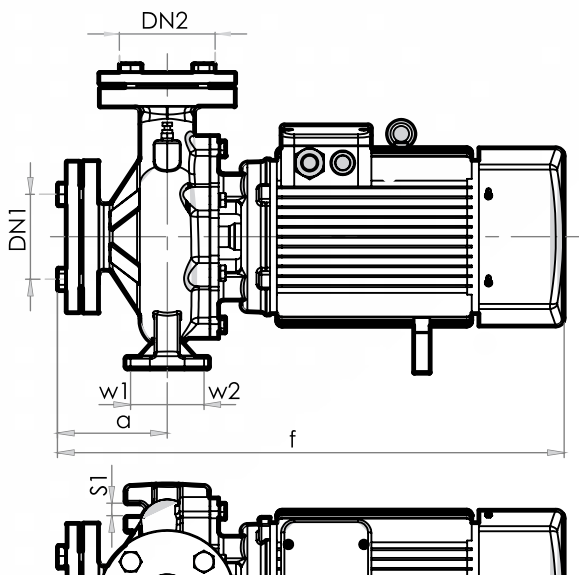
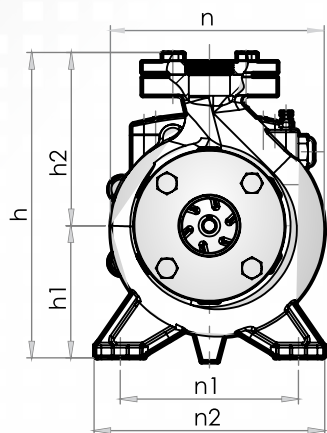
CENTRIFUGAL MONOBLOCK PUMP



TECHNICAL DATA

P S T L I N E

CENTRIFUGAL MONOBLOCK PUMP

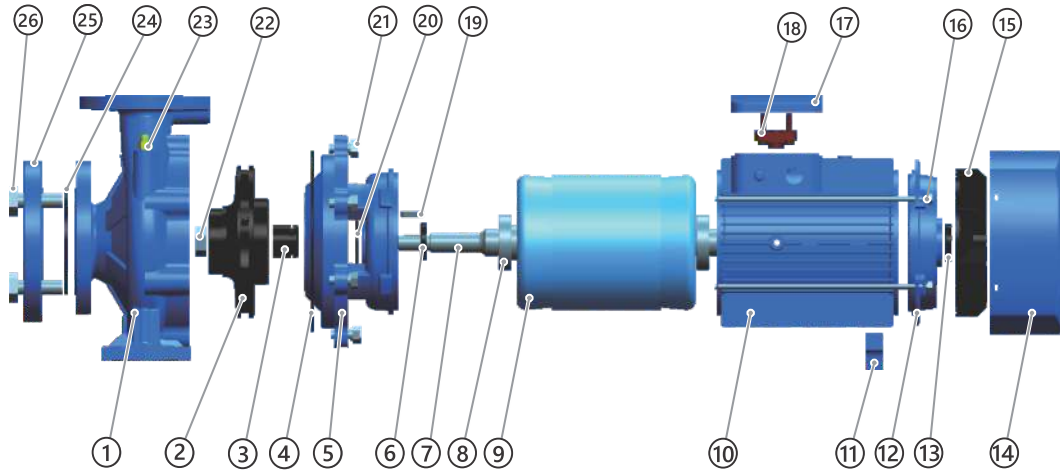


	DN1	DN2	A	F	H	H1	H2	N	N1	N2	W1	W2	S	Net Weight
PST 32-160/22	2"	1 1/4"	3,3"	17,1"	11,6"	5,2"	6,4"	9,6"	7,5"	9,6"	1,4"	1,4"	0,6"	128lb
PST 32-200/30	2"	1 1/4"	3,2"	19,3"	13,5"	6,4"	7,1"	10,4"	7,5"	9,5"	1,4"	1,4"	0,6"	103,6lb
PST 32-200/40	2"	1 1/4"	3,2"	19,3"	13,5"	6,4"	7,1"	10,4"	7,5"	9,5"	1,4"	1,4"	0,6"	174lb
PST 32-250/55	2"	1 1/4"	3,5"	23,2"	15,9"	7,3"	8,6"	13,1"	9,8"	12,9"	1,9"	1,9"	0,6"	218,3lb
PST 32-250/75	2"	1 1/4"	3,5"	23,2"	15,9"	7,3"	8,6"	13,1"	9,8"	12,9"	1,9"	1,9"	0,6"	240lb
PST 40-160/30	2 1/2"	1 1/2"	3,15"	19,3"	12"	5,3"	6,7"	9,8"	7,5"	9,5"	1,5"	1,5"	0,6"	106lb
PST 40-160/40	2 1/2"	1 1/2"	3,15"	19,3"	12"	5,3"	6,7"	9,8"	7,5"	9,5"	1,5"	1,5"	0,6"	70.5lb
PST 40-200/55	2 1/2"	1 1/2"	4"	22"	13,6"	6,4"	7,6"	11,1"	8,4"	10,5"	1,5"	1,5"	0,6"	140.0lb
PST 40-200/75	2 1/2"	1 1/2"	4"	22"	13,6"	6,4"	7,6"	11,1"	8,4"	10,5"	1,5"	1,5"	0,6"	144.4lb
PST 40-250/110	2 1/2"	1 1/2"	3,7"	28"	16,3"	7,3"	9"	12,9"	9,8"	12,9"	1,9"	1,9"	0,6"	209.4lb
PST 40-250/150	2 1/2"	1 1/2"	3,7"	28"	16,3"	7,3"	9"	12,9"	9,8"	12,9"	1,9"	1,9"	0,6"	304.2lb
PST 50-125/40	2 1/2"	2"	4"	20,7"	12"	5,3"	6,7"	10,4"	7,5"	9,7"	1,5"	1,5"	0,6"	171lb
PST 50-160/55	2 1/2"	2"	4,3"	22"	13,7"	6,5"	7,6"	10,6"	8,4"	10,3"	1,5"	1,5"	0,6"	138,9lb
PST 50-160/75	2 1/2"	2"	4,3"	22"	13,7"	6,5"	7,6"	10,6"	8,4"	10,3"	1,5"	1,5"	0,6"	233lb
PST 50-200/110	2 1/2"	2"	4"	28,4"	15,4"	7,3"	8,1"	12"	9,1"	12,2"	1,5"	1,5"	0,6"	205.0lb
PST 50-250/150	2 1/2"	2"	4"	28,3"	16,4"	7,3"	9"	13"	9,8"	12,9"	1,9"	1,9"	0,6"	486lb
PST 50-250/185	2 1/2"	2"	4"	28,3"	16,4"	7,3"	9"	13"	9,8"	12,9"	1,9"	1,9"	0,6"	502lb
PST 50-250/220	2 1/2"	2"	4"	28,3"	16,4"	7,3"	9"	13"	9,8"	12,9"	1,9"	1,9"	0,6"	205.0lb
PST 65-125/55	3"	2 1/2"	4,1"	22,8"	13,6"	6,4"	7,6"	10,8"	8,3"	11"	1,9"	1,9"	0,6"	223lb
PST 65-125/75	3"	2 1/2"	4,1"	22,8"	13,6"	6,4"	7,6"	10,8"	8,3"	11"	1,9"	1,9"	0,6"	243lb
PST 65-160/110	3"	2 1/2"	4,3"	28,7"	16,7"	7,3"	9,4"	13"	9,1"	12,2"	1,9"	1,9"	0,6"	348lb
PST 65-160/150	3"	2 1/2"	4,3"	28,7"	16,7"	7,3"	9,4"	13"	9,1"	12,2"	1,9"	1,9"	0,6"	440lb
PST 65-200/185	3"	2 1/2"	4,4"	29,1"	16,7"	7,3"	9,4"	13"	9,1"	12,2"	1,9"	1,9"	0,6"	476lb
PST 65-200/220	3"	2 1/2"	4,4"	29,1"	16,7"	7,3"	9,4"	13"	9,1"	12,2"	1,9"	1,9"	0,6"	607lb
PST 65-250/300	3"	2 1/2"	4,6"	39"	16,5"	7"	9,5"	14,5"	11"	14,2"	1,9"	1,9"	0,7"	551.2lb
PST 65-250/370	3"	2 1/2"	4,6"	39"	16,5"	7"	9,5"	14,5"	11"	14,2"	1,9"	1,9"	0,7"	595.2lb

PARTS

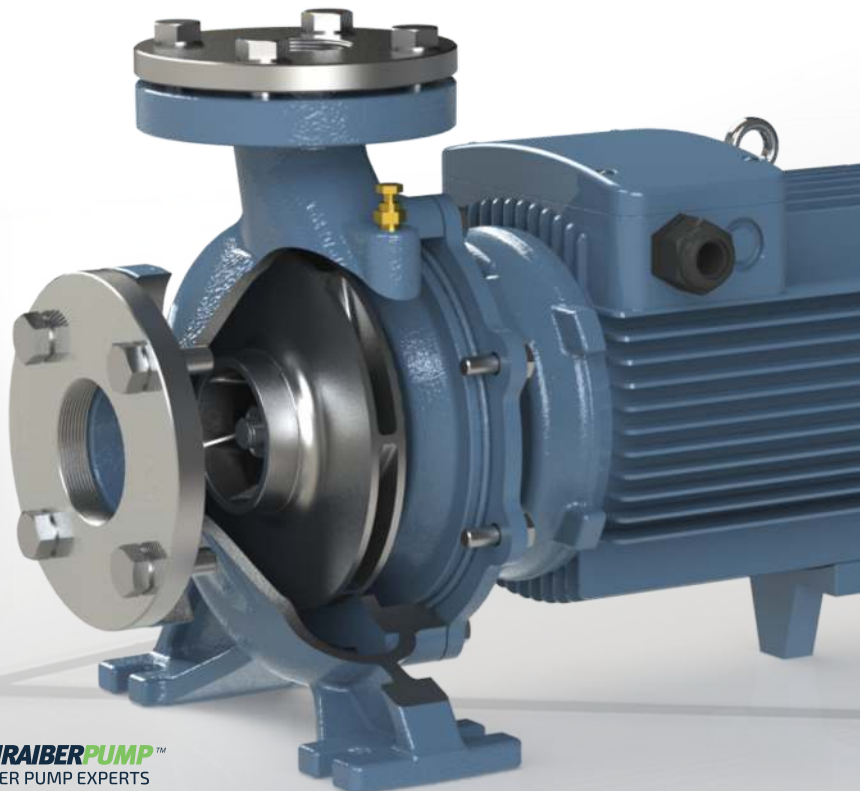
P S T L I N E

CENTRIFUGAL MONOBLOCK PUMP



ITEM	PART NAME	ITEM	PART NAME	ITEM	PART NAME	ITEM	PART NAME
1	Pump Case	8	Bearing	15	Fan	22	Impeller Nut
2	Impeller	9	Wound Stator/Rotor	16	Through Bolt	23	Release Valve
3	Mechanical Seal	10	Motor Case	17	Terminal Box	24	Gasket
4	O-ring	11	Support foot	18	Terminal Board	25	Counter Flange
5	Connection	12	Back Cover	19	Impeller key	26	Flange Bolt
6	Reinforced Seal	13	Reinforced Seal	20	Terminal Board		
7	Shaft	14	Fan Cover	21	Connection Bolt		

STAINLESS STEEL (SS 304) IMPELLER





NSK BEARINGS
Assures a longer engine life.
Crafted from High-quality, high-strength heat-treated carbon steel.
Shielded dustproof.



COPPER WINDING
Utilizes a cold rolled steel sheet.
Exhibits high efficiency.
Provides optimum power.

SIC/GRAPHITE MECHANICAL SEAL

Resistant to High temperature.
Boast anti corrosion properties
Composed of SS304 material.
Ensures excellent sealing for enhanced performance



HIGH PRECISION ROTOR

Perfect concentricity for optimal operation.
Moisture-proof and rust-proof surface treatment.
SS304 shaft anti- corrosion.

