

P V S L I N E

VERTICAL MULTISTAGE CENTRIFUGAL PUMP

PVS is synonymous with efficient water pumping. Excellent hydraulic performance in a vertical multistage electric pump with its hydraulic part entirely in stainless steel. Manufactured with the latest technology.

Hydraulics made entirely of SS304 stainless steel.

INLINE Suction/Discharge.

Motors 3500rpm 60hz - IE3 - IP55 - Class F.

Powers from 1.0HP to 20HP.

Flow rates up to 150gpm and Heads up to 600ft.

Available up to 60HP (On request).

SIC/GRAPHITE mechanical seal.

Liquid temperature from °F14 to °F248.

Suitable for continuous use.

Recommended for elevation in tall buildings, hospitality, reverse osmosis, irrigation, distillation, fire network, pressurization, industrial processes, pressure washing, agriculture, air conditioning systems, etc.



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PERFORMANCE TABLES

P V S L I N E VERTICAL MULTISTAGE CENTRIFUGAL PUMP

MODEL	HP	Kw	Amp	RPM	Volt	Frec (Hz)	IP	Ph	Gpm	0.0	2.6	3.5	4.4	5.3	6.2	6.6	7.0	7.9	8.8
MODELO									m3/h	0.0	0.6	0.8	1.0	1.2	1.4	1.5	1.6	1.8	2.0
PVS1-17	2	1.5	5.3/3	3500	230/400	60	55	3	Alt (ft)	492	472	463	456	449	433	420	407	394	367
									Alt (mts)	150	144	141	139	137	132	128	124	120	112

MODEL	HP	Kw	Amp	RPM	Volt	Frec (Hz)	IP	Ph	Gpm	0.0	6.6	7.9	8.8	11.0	13.2	15.4	17.6	19.8	22.0
MODELO									m3/h	0.0	1.5	1.8	2.0	2.5	3.0	3.5	4.0	4.5	5.0
PVS3-21	4	3	9.9/5.7	3500	230/400	60	55	3	Alt (ft)	633	600	591	584	558	525	463	423	367	299
									Alt (mts)	193	183	180	178	170	160	141	129	112	91

MODEL	HP	Kw	Amp	RPM	Volt	Frec (Hz)	IP	Ph	Gpm	0.0	11.0	13.2	15.4	17.6	19.8	22.0	26.4	30.8	35.2
MODELO									m3/h	0.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0
PVS4-6	3	2.2	7.6/4.4	3500	230/400	60	55	3	Alt (ft)	279	256	246	243	236	230	220	194	177	154
									Alt (mts)	85	78	75	74	72	70	67	59	54	47
PVS4-12	5.5	4.1	12.9/7.4	3500	230/400	60	55	3	Alt (ft)	551	512	492	486	476	463	446	400	358	315
									Alt (mts)	168	156	150	148	145	141	136	122	109	96
PVS4-14	7.5	5.6	17.5/10.1	3500	230/400	60	55	3	Alt (ft)	646	597	577	568	558	541	522	476	423	367
									Alt (mts)	197	182	176	173	170	165	159	145	129	112

MODEL	HP	Kw	Amp	RPM	Volt	Frec (Hz)	IP	Ph	Gpm	0.0	52.8	70.4	88.0	96.8	105.6	114.4	132.0	140.8	149.6
MODELO									m3/h	0.0	12.0	16.0	20.0	22.0	24.0	26.0	30.0	32.0	34.0
PVS20-6	15	11.2	34/19.6	3500	230/400	60	55	3	Alt (ft)	400	387	371	354	345	335	318	299	253	230
									Alt (mts)	122	118	113	108	105	102	97	91	77	70

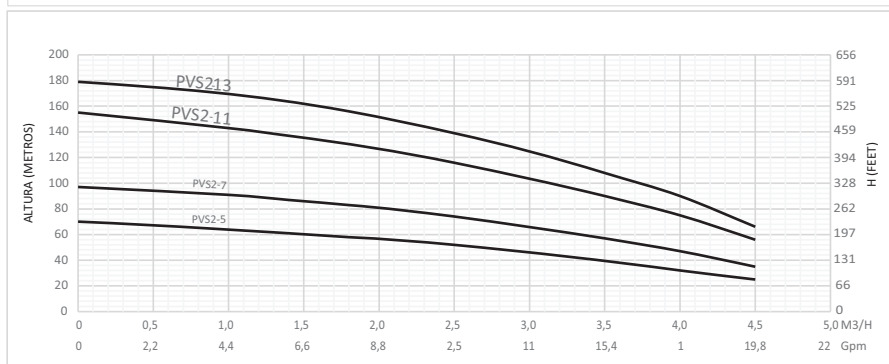
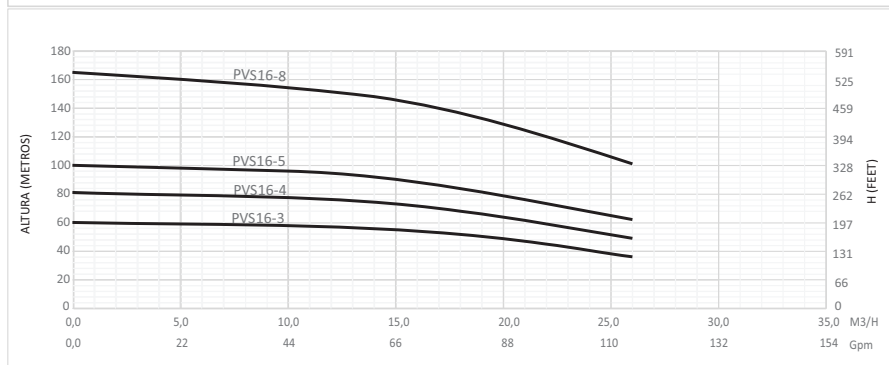
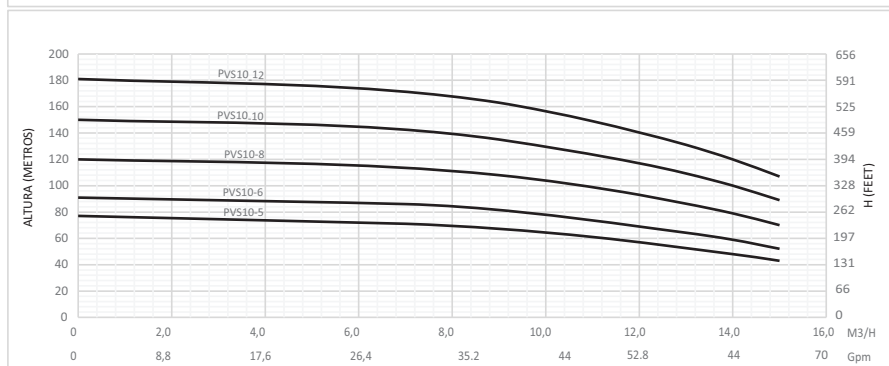
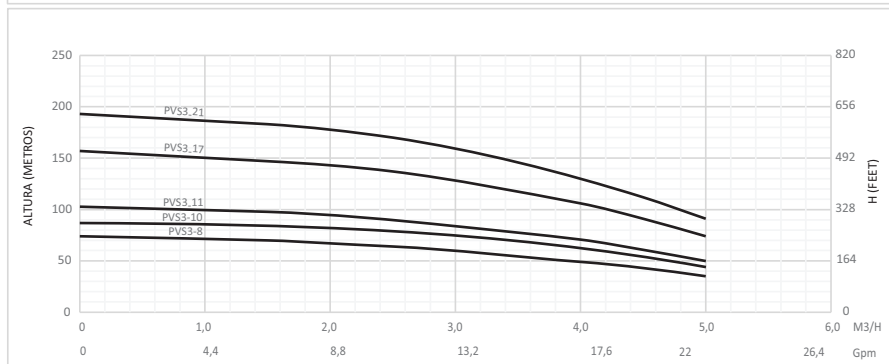
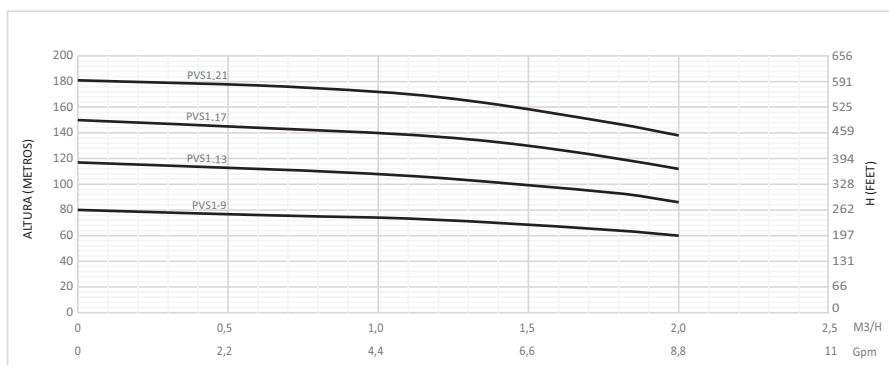
MODEL	HP	Kw	Amp	RPM	Volt	Frec (Hz)	IP	Ph	Gpm	0.0	30.8	35.2	39.6	44.0	48.4	52.8	57.2	61.6	66.0
MODELO									m3/h	0.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
PVS10-6	5.5	4.1	12.9/7.4	3500	230/400	60	55	3	Alt (ft)	299	282	272	262	253	243	226	210	194	171
									Alt (mts)	91	86	83	80	77	74	69	64	59	52
PVS10-8	7.5	5.5	17.5/10.1	3500	230/400	60	55	3	Alt (ft)	394	374	361	354	338	325	305	282	259	230
									Alt (mts)	120	114	110	108	103	99	93	86	79	70
PVS10-12	10	7.4	23.8/13.7	3500	230/400	60	55	3	Alt (ft)	594	564	548	535	512	489	459	430	394	351
									Alt (mts)	181	172	167	163	156	149	140	131	120	107

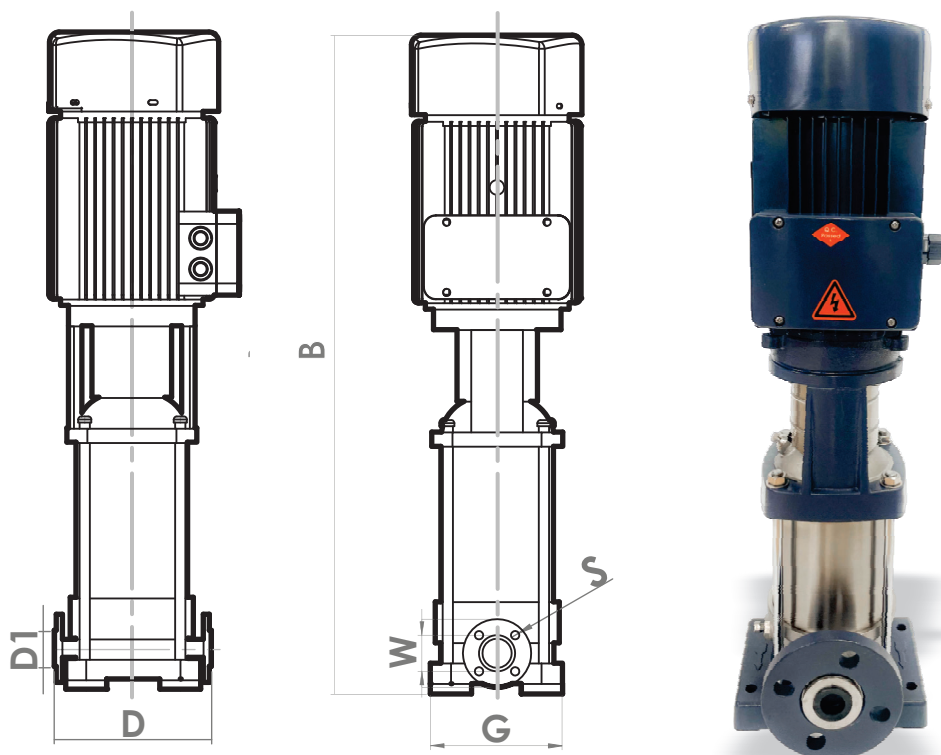
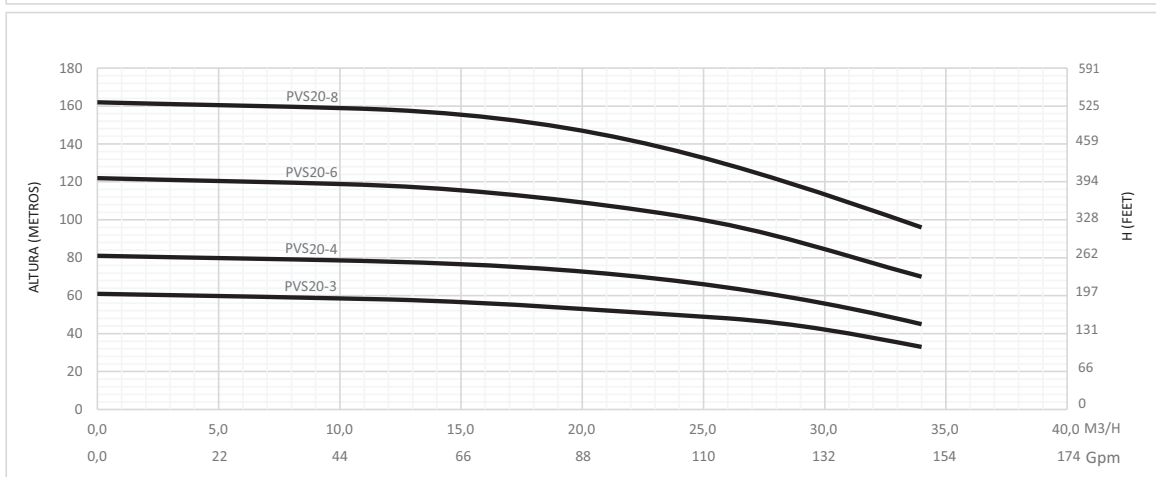
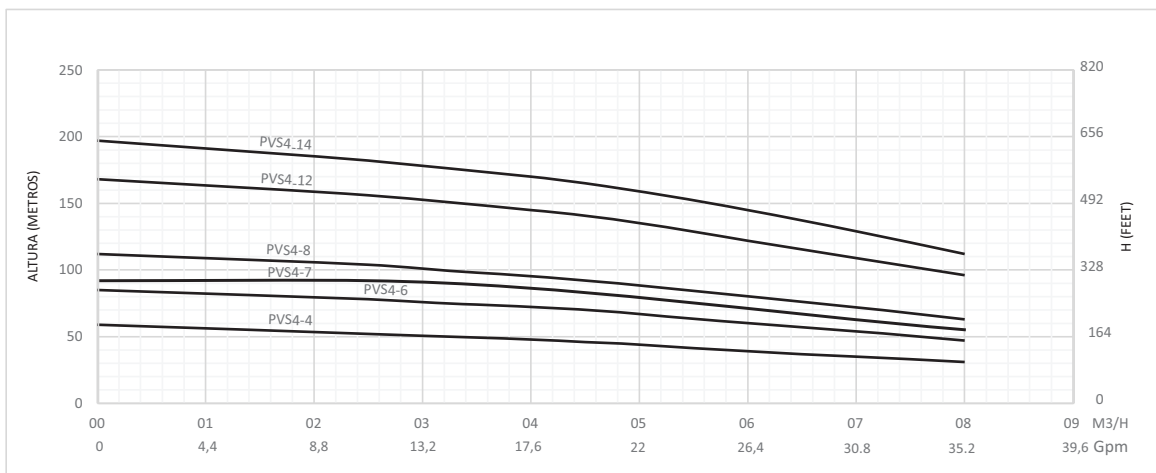
MODELO	HP	Kw	Amp	RPM	Volt	Frec (Hz)	IP	Ph	Gpm	0.0	4.4	6.2	7.9	8.8	11.0	13.2	15.4	17.6	19.8
									m3/h	0.0	1.0	1.4	1.8	2.0	2.5	3.0	3.5	4.0	4.5
PVS2-13	3	2.2	9.9/5.7	3500	230/400	60	55	3	Alt (ft)	587	561	541	512	499	456	413	354	295	217
									Alt (mts)	179	171	165	156	152	139	126	108	90	66

MODELO	HP	Kw	Amp	RPM	Volt	Frec (Hz)	IP	Ph	Gpm	0.0	44.0	52.8	61.6	70.4	79.2	88.0	96.8	105.6	114.4
									m3/h	0.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0
PVS16-3	7.5	5.5	17.5/10.1	3500	230/400	60	55	3	Alt (ft)	197	187	184	180	177	167	157	148	131	118
									Alt (mts)	60	57	56	55	54	51	48	45	40	36
PVS16-4	10	7.5	23.8/13.7	3500	230/400	60	55	3	Alt (ft)	266	249	246	240	236	223	210	197	177	161
									Alt (mts)	81	76	75	73	72	68	64	60	54	49
PVS16-5	15	11	34/19.6	3500	230/400	60	55	3	Alt (ft)	328	315	308	302	295	279	262	246	223	203
									Alt (mts)	100	96	94	92	90	85	80	75	68	62

PERFORMANCE CURVES

P V S L I N E
VERTICAL MULTISTAGE CENTRIFUGAL PUMP





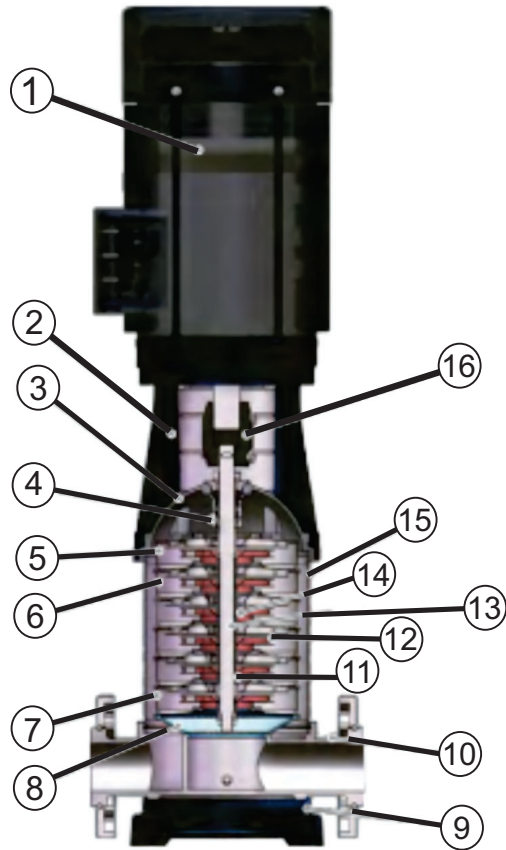
TECHNICAL DATA

P V S L I N E VERTICAL MULTISTAGE CENTRIFUGAL PUMP

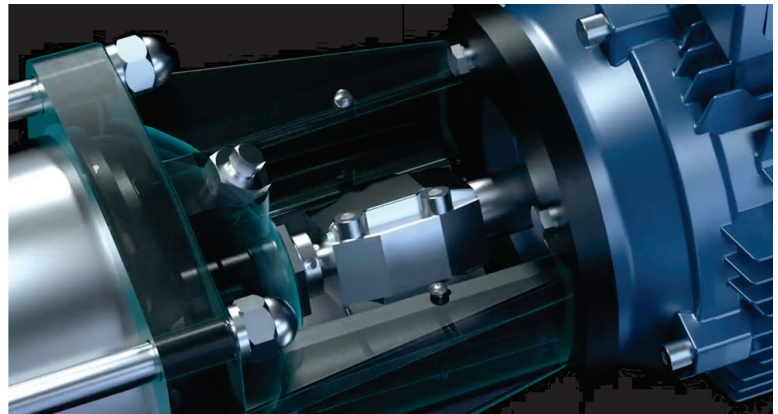
	DN	B	A	B	D	G	S	W	Net Weight Peso Neto
PVS 1-9	1"	25.2"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	61.7 lbs
PVS 1-13	1"	28"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	68.4 lbs
PVS 1-17	1"	33"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	83.8 lbs
PVS 1-21	1"	35.8"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	92.6 lbs
PVS 2-5	1"	22.3"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	57.3 lbs
PVS 2-7	1"	25.6"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	70.6 lbs
PVS 2-11	1"	28.7"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	81,6 lbs
PVS 2-13	1"	32.7"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	97,2 lbs
PVS 3-8	1"	24.4"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	59,5 lbs
PVS 3-10	1"	28"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	75 lbs
PVS 3-11	1"	28.7"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	75 lbs
PVS 3-17	1"	33"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	88,2 lbs
PVS 3-21	1"	38.4"	2"	3.9"	8.3"	8.3"	0.6"	2.4"	108 lbs
PVS 4-4	1 1/4"	25.2"	2"	3.9"	8.3"	8.3"	0.7"	2.4"	68,4 lbs
PVS 4-6	1 1/4"	27.3"	2"	3.9"	8.3"	8.3"	0.7"	2.4"	77,2 lbs
PVS 4-7	1 1/4"	30.9"	2"	3.9"	8.3"	8.3"	0.7"	2.4"	92,6 lbs
PVS 4-8	1 1/4"	32.7"	2"	3.9"	8.3"	8.3"	0.7"	2.4"	92,6 lbs
PVS 4-12	1 1/4"	36.7"	2"	3.9"	8.3"	8.3"	0.7"	2.4"	114,7 lbs
PVS 4-14	1 1/4"	40.9"	2"	3.9"	8.3"	8.3"	0.7"	2.4"	141,1 lbs
PVS 10-5	1 1/2"	31.2"	3"	5.1"	10.2"	9.7"	0.7"	3"	134,5 lbs
PVS 10-6	1 1/2"	32.8"	3"	5.1"	10.2"	9.7"	0.7"	3"	154,3 lbs
PVS 10-8	1 1/2"	36.9"	3"	5.1"	10.2"	9.7"	0.7"	3"	205 lbs
PVS 10-10	1 1/2"	39.3"	3"	5.1"	10.2"	9.7"	0.7"	3"	216,1 lbs
PVS 10-12	1 1/2"	41.6"	3"	5.1"	10.2"	9.7"	0.7"	3"	220,5 lbs
PVS 16-3	2"	34"	3.5"	5.1"	10.2"	9.7"	0.7"	3"	150 lbs
PVS 16-4	2"	35.7"	3.5"	5.1"	10.2"	9.7"	0.7"	3"	165,4 lbs
PVS 16-5	2"	45.3"	3.5"	5.1"	10.2"	9.7"	0.7"	3"	326,3 lbs
PVS 16-8	2"	50.6"	3.5"	5.1"	10.2"	9.7"	0.7"	3"	359,4 lbs
PVS 20-3	2"	33.9"	3.5"	5.1"	10.2"	9.7"	0.7"	3"	152,1 lbs
PVS 20-4	2"	35.7"	3.5"	5.1"	10.2"	9.7"	0.7"	3"	174,2 lbs
PVS 20-6	2"	47"	3.5"	5.1"	10.2"	9.7"	0.7"	3"	330,8 lbs
PVS 20-8	2"	50.6"	3.5"	5.1"	10.2"	9.7"	0.7"	3"	359,4 lbs

PARTS

P V S L I N E VERTICAL MULTISTAGE CENTRIFUGAL PUMP



ITEM	PART NAME	MATERIAL	ITEM	PART NAME	MATERIAL
1	Motor	IP55 Class F	9	Base Plate	Cast iron
2	Pump Case	Cast iron	10	Inlet/Outlet Chamber	SS304
3	Seal Base	Stainless Steel SS304	11	Bearing	Tungsten Carbide
4	Mechanical Seal	Stainless Steel SS304	12	Impeller	SS304
5	Top Diffuser	Stainless Steel SS304	13	Shaft	SS304
6	Diffuser	Stainless Steel SS304	14	Impeller Sleeve	SS304
7	Support Diffuser	Stainless Steel SS304	15	Cylinder	SS304
8	Inducer	Stainless Steel SS304	16	Coupling	Carbon Steel



Inlet and outlet inline

Hydraulic part in stainless steel.
Manufactured with the latest technology.
Meets the highest demands with the lowest

