

Vertical Stainless Steel Multistage Centrifugal Pumps

PL2 / PL4 / PL8 / PL16 / PL32 / PL45 / PL64 / PL90 Serie

Applications

- ◆ Water Supply Systems
- ◆ Pressure Boiler Feeding
- ◆ Refining / Chemical Industries
- ◆ Pure water treating Systems
- ◆ Pharmaceutical & Food processing
- ◆ Washing & Sprinkling Systems
- ◆ Potable water Booster Sets



PL Series

Working Conditions

Transporting medium	Clean, thin non-explosive liquids
Fluid temperature range	-15°C ~ +110 C
Maximum ambient temperature	+40°C
Maximum working pressure	Upto 25 kg/cm ² g
Radial Suction	Radial Discharge
To avoid overload, pump must be operated within performance range	

Materials of Construction

Casing, impeller, diffusor assembly, pump shaft, back cover & guide plate	SS304 (Optional SS316L)
Outer barrel & bottom cover	SS304
Base plate / Adaptor	Cast iron- GCI 25 (GJL-250)
In / Out Flange	GCI 40 (GJS-400)
Elastomers	EPDM (Viton optional)
Shaft sealing : Mechanical Seal	Viton / WC / Carbon
Sleeve sealing	NBR O-rings
Optional Connection	Bayonet lock DN flanges
Special Mechanical Seals	Available on request

Motor Specifications

Type	T.E.F.C - 2 Pole
Phase	Single / Three phase
Speed	2900 rpm
Frequency	50 Hz
Single phase voltage	220 V (±5%)
Three phase voltage	415 V (±5%)
Insulation class	F
Protection class	I P 55
Efficiency class	EFF 2
Duty	Continuous
Motor case	Aluminum
Altitude	≤1000 m

Features

- ◆ CE approved
- ◆ High quality
- ◆ Performance ISO 2548 °(20 C)
- ◆ High reliability
- ◆ Ease in operation
- ◆ Unique in design
- ◆ Energy efficient
- ◆ Aesthetic appeal

Model Ordering Code Instruction

PL - Vertical - 16 - 20

↑ ↑ ↑ ↑ ↑

Series	Flow	Stages x 10	Small Phase Impellers
PL - Vertical	2 2 m ³ /hr	20 2 stage	D - Single
	4 4 m ³ /hr	80 8 stage	Blank - Three
	8 8 m ³ /hr	120 12 stage	1 1 impeller
Pump	16 16 m ³ /hr	220 22 stage	2 2 impeller
	32 32 m ³ /hr		Blank Nil
	45 45 m ³ /hr		
	64 64 m ³ /hr		
	90 90 m ³ /hr		

WATER MANAGEMENT SYSTEM

Shah Pneumatics

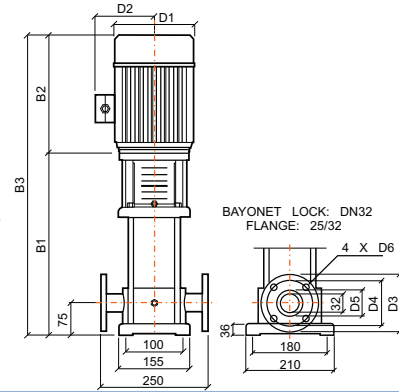
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 Telephone: +91-22-6695 1090~94. Facsimile: +91-22-2687 5317
 Email: shahpneu@bom3.vsnl.net.in
 Website: www.shah-pneumatics.com



Vertical Stainless Steel Multistage Centrifugal Pumps

PL2 / PL4 Series

Outline Diagram



Dimensions

Model	Dimensions (mm)									Weight Kg.
	B1	B2	B3	D1	D2	D3	D4	D5	D6	
PL2-30	273	237	510	135.6	102	125	85	65	14	26
PL2-50	309	265	574	156.6	110	125	85	65	14	31
PL2-60	327	265	592	156.6	110	125	85	65	14	32.5
PL2-70	345	265	610	156.6	110	125	85	65	14	33
PL2-90	381	265	646	156.6	110	125	85	65	14	34
PL2-110	417	265	682	156.6	110	125	85	65	14	34
PL2-130	453	275	728	176.6	118	125	85	65	14	39
PL2-150	489	275	764	176.6	118	125	85	65	14	39
PL2-180	543	275	818	176.6	118	125	85	65	14	42
PL2-220	615	275	890	176.6	118	125	85	65	14	42
PL2-260	697	325	1022	196.6	135	125	85	65	14	49
PL4-60	381	265	646	156.6	110	140	100	76	18	33
PL4-80	435	275	710	176.6	118	140	100	76	18	33.5
PL4-100	489	275	764	176.6	118	140	100	76	18	38
PL4-120	543	275	818	176.6	118	140	100	76	18	38
PL4-140	607	325	932	196.6	135	140	100	76	18	46.5
PL4-160	661	325	986	196.6	135	140	100	76	18	46.5
PL4-190	742	325	1067	196.6	135	140	100	76	18	53
PL4-220	823	325	1148	196.6	135	140	100	76	18	53

Performance Data

Model		Power		Flow (m ³ /hr)	Head (m)	Suction Size mm (DN)	Discharge Size mm (DN)	Flow														
		kW	HP					m ³ /hr	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0	8.0			
Single Phase 220 V	Three Phase 415 V							l/min	16.7	25	33.3	41.7	50	58.3	67	83	100	117	134			
								Head														
								m	26	25	22	20	17	13	-	-	-	-	-	-	-	
PL2-30D	PL2-30	0.37	0.5	2	22	25(1")	25(1")		43	41	38	32	28	21	-	-	-	-	-	-	-	-
PL2-50D	PL2-50	0.55	0.75	2	38	25(1")	25(1")		52	50	47	43	39	33	-	-	-	-	-	-	-	-
PL2-60D	PL2-60	0.75	1.0	2	47	25(1")	25(1")		61	57	52	46	39	29	-	-	-	-	-	-	-	-
PL2-70D	PL2-70	0.9	1.2	2	52	25(1")	25(1")		78	74	69	63	58	46	-	-	-	-	-	-	-	-
PL2-90D	PL2-90	1.1	1.5	2	69	25(1")	25(1")		96	91	85	80	72	57	-	-	-	-	-	-	-	-
PL2-110D	PL2-110	1.1	1.5	2	85	25(1")	25(1")		112	107	100	90	81	69	-	-	-	-	-	-	-	-
PL2-130D	PL2-130	1.5	2.0	2	100	25(1")	25(1")		130	124	114	104	93	77	-	-	-	-	-	-	-	-
PL2-150D	PL2-150	1.5	2.0	2	114	25(1")	25(1")		156	149	138	130	114	96	-	-	-	-	-	-	-	-
PL2-180D	PL2-180	2.2	3.0	2	138	25(1")	25(1")		185	173	165	150	121	100	-	-	-	-	-	-	-	-
PL2-220D	PL2-220	2.2	3.0	2	165	25(1")	25(1")		218	203	194	176	150	120	-	-	-	-	-	-	-	-
PL2-260D	PL2-260	3.0	4.0	2	194	25(1")	25(1")		-	-	52	-	50	-	45	41	34	23	14	-	-	-
PL4-60D	PL4-60	1.1	1.5	4	45	32(1 1/2")	32(1 1/2")		-	-	70	-	66.5	-	61	54	46	32	21	-	-	-
PL4-80D	PL4-80	1.5	2.0	4	61	32(1 1/2")	32(1 1/2")		-	-	86	-	80	-	74	66	56	41	23	-	-	-
PL4-100D	PL4-100	2.2	3.0	4	74	32(1 1/2")	32(1 1/2")		-	-	105	-	99	-	91	82	68	47	27	-	-	-
PL4-120D	PL4-120	2.2	3.0	4	91	32(1 1/2")	32(1 1/2")		-	-	123	-	116	-	106	93	79	56	29	-	-	-
PL4-140D	PL4-140	2.2	3.0	4	106	32(1 1/2")	32(1 1/2")		-	-	142	-	133	-	122	111	94	67	34	-	-	-
PL4-160D	PL4-160	3.0	4.0	4	122	32(1 1/2")	32(1 1/2")		-	-	172	-	160	-	148	134	115	89	47	-	-	-
PL4-190D	PL4-190	4.0	5.5	4	148	32(1 1/2")	32(1 1/2")		-	-	190	-	177	-	163	142	119	91	60	-	-	-
PL4-220D	PL4-220	4.0	5.5	4	163	32(1 1/2")	32(1 1/2")															

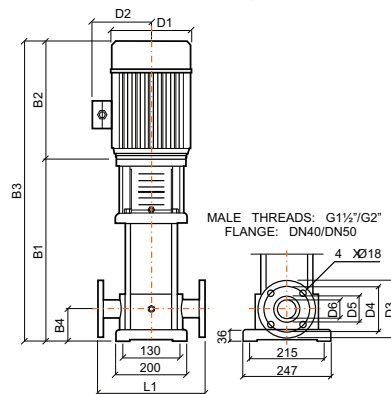
CATALOGUE VERTICAL MULTISTAGE CENTRIFUGAL PUMPS - PL



Vertical Stainless Steel Multistage Centrifugal Pumps

PL8 / PL16 Series

Outline Diagram



Dimensions

Model	Dimensions (mm)											Weight Kg.
	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	L1	
PL8-30	406	265	671	80	157	110	150	110	84	40	280	38.5
PL8-40	436	275	711	80	177	118	150	110	84	40	280	46.5
PL8-50	466	275	741	80	177	118	150	110	84	40	280	50.5
PL8-60	496	275	771	80	177	118	150	110	84	40	280	51.5
PL8-80	566	325	891	80	197	135	150	110	84	40	280	59
PL8-100	626	325	951	80	197	135	150	110	84	40	280	69
PL8-120	686	325	1011	80	197	135	150	110	84	40	280	75
PL8-140	766	379	1145	80	255	157	150	110	84	40	280	95
PL8-160	826	379	1205	80	255	157	150	110	84	40	280	96
PL8-180	886	417	1303	80	255	157	150	110	84	40	280	110
PL8-200	946	417	1363	80	255	157	150	110	84	40	280	113
PL16-20	408	278	636	90	177	127	165	125	99	50	300	42
PL16-30	484	337	821	90	197	127	165	125	99	50	300	56
PL16-40	529	337	866	90	197	127	165	125	99	50	300	58
PL16-50	577	380	957	90	258	173	165	125	99	50	300	87
PL16-60	622	380	1002	90	258	173	165	125	99	50	300	89
PL16-70	667	380	1047	90	258	173	165	125	99	50	300	96
PL16-80	712	380	1092	90	258	173	165	125	99	50	300	102
PL16-100	830	485	1315	90	320	320	165	125	99	50	300	136
PL16-120	920	485	1405	90	320	320	165	125	99	50	300	170
PL16-140	1010	485	1495	90	320	320	165	125	99	50	300	186
PL16-160	1100	485	1585	90	320	320	165	125	99	50	300	190

Performance Data

Model	Power		Flow (m ³ /hr)	Head (m)	Suction Size mm (DN) MALE THREADS	Discharge Size mm (DN) MALE THREADS	Flow														
							m														
							l/min	5	6	7	8	9	10	11	12	14	16	18	20	22	
PL8-30	1.1	1.5	8	27	40 (1½")	40 (1½")	30	29.5	28.5	27	25	24	21	19	-	-	-	-	-	-	
PL8-40	1.5	2.0	8	36	40 (1½")	40 (1½")	41	39.5	38	36	34	32	28	26	-	-	-	-	-	-	
PL8-50	2.2	3.0	8	45	40 (1½")	40 (1½")	52	50	48	45	42	40	36	32	-	-	-	-	-	-	
PL8-60	2.2	3.0	8	54	40 (1½")	40 (1½")	62	60	57	54	51	48	43	39	-	-	-	-	-	-	
PL8-80	3.0	4.0	8	73	40 (1½")	40 (1½")	83	80	77	73	69	65	58	52	-	-	-	-	-	-	
PL8-100	4.0	5.5	8	92	40 (1½")	40 (1½")	104	100	97	92	87	81	73	65	-	-	-	-	-	-	
PL8-120	4.0	5.5	8	111	40 (1½")	40 (1½")	124	120	116	111	104	92	87	78	-	-	-	-	-	-	
PL8-140	5.5	7.5	8	130	40 (1½")	40 (1½")	145	141	136	130	122	113	102	92	-	-	-	-	-	-	
PL8-160	5.5	7.5	8	148	40 (1½")	40 (1½")	166	161	156	148	139	130	118	106	-	-	-	-	-	-	
PL8-180	7.5	10	8	167	40 (1½")	40 (1½")	187	182	175	167	157	146	134	120	-	-	-	-	-	-	
PL8-200	7.5	10	8	186	40 (1½")	40 (1½")	208	202	195	186	175	163	150	135	-	-	-	-	-	-	
PL16-20	2.2	3.0	16	24	50 (2)	50 (2)	-	-	-	26	-	25	-	24	23	22	21	20	18	-	
PL16-30	3.0	4.0	16	36	50 (2)	50 (2)	-	-	-	38	-	37	-	36	35	33	31	28	25	-	
PL16-40	4.0	5.5	16	48	50 (2)	50 (2)	-	-	-	52	-	50	-	49	47	46	43	39	35	-	
PL16-50	5.5	7.5	16	60	50 (2)	50 (2)	-	-	-	62	-	61	-	59	57	55	50	45	40	-	
PL16-60	5.5	7.5	16	72	50 (2)	50 (2)	-	-	-	76	-	74	-	71	69	66	62	56	50	-	
PL16-70	7.5	10	16	84	50 (2)	50 (2)	-	-	-	89	-	87	-	85	82	78	74	69	60	-	
PL16-80	9.2	12.5	16	96	50 (2)	50 (2)	-	-	-	102	-	100	-	97	95	92	85	77	70	-	
PL16-100	11	15	16	120	50 (2)	50 (2)	-	-	-	125	-	122	-	118	114	110	103	96	85	-	
PL16-120	11	15	16	144	50 (2)	50 (2)	-	-	-	153	-	149	-	146	142	137	129	120	110	-	
PL16-140	15	20	16	168	50 (2)	50 (2)	-	-	-	178	-	175	-	172	167	157	155	147	128	-	
PL16-160	15	20	16	192	50 (2)	50 (2)	-	-	-	204	-	200	-	196	191	186	176	168	146	-	

CATALOGUE VERTICAL MULTISTAGE CENTRIFUGAL PUMPS - PL



Vertical Stainless Steel Multistage Centrifugal Pumps

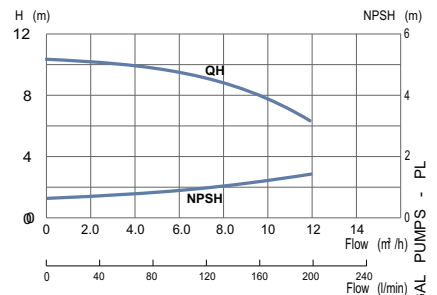
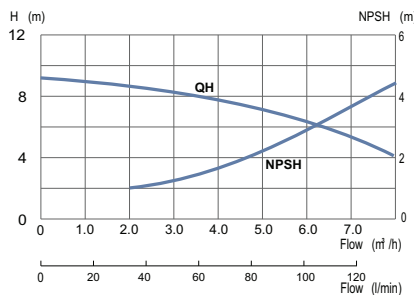
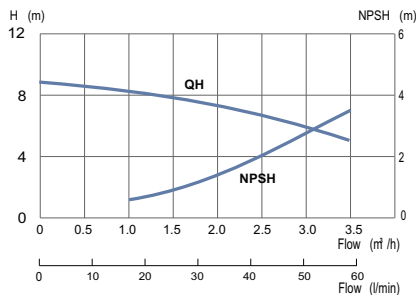
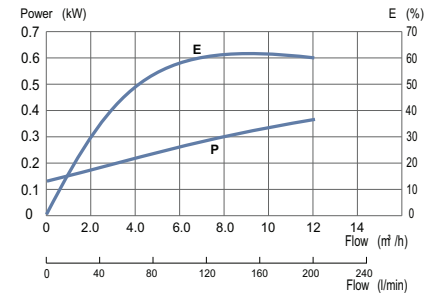
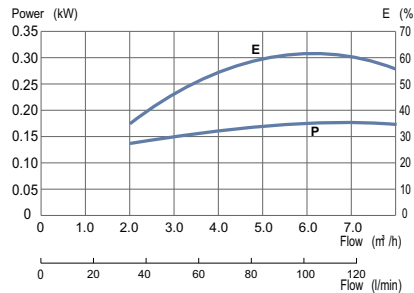
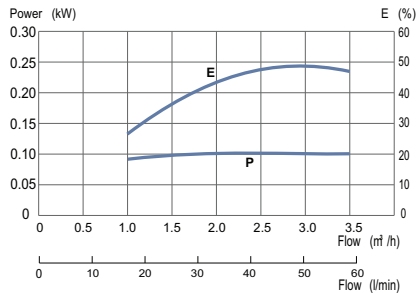
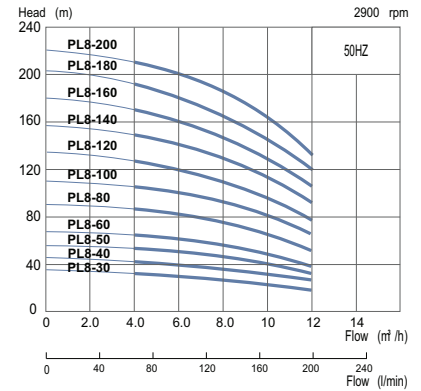
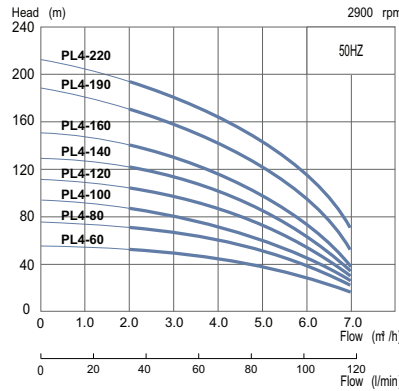
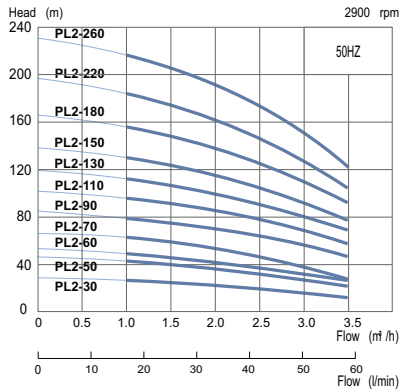
PL2 / PL4 / PL8 Series

Performance Curves

PL 2

PL 4

PL 8



Water test temp: ° 20 C

Performance Limits: ISO2548

Std Class C pu

WATER

MANAGEMENT

Shah Pneumatics

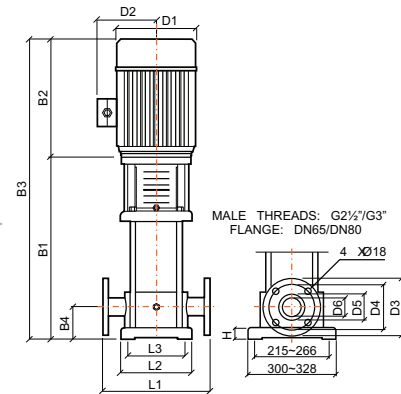
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 Telephone: +91-22-6695 1090-94. Facsimile: +91-22-2687 5317
 Email: shahpneu@bom3.vsnl.net.in
 Website: www.shah-pneumatics.com

FOR DISTRIBUTOR STAMP

Vertical Stainless Steel Multistage Centrifugal Pumps

PL32 / PL45 Series

Outline Diagram



Dimensions

Model	Dimensions (mm)														Weight Kg.
	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	L1	L2	L3	H	
PL32-10-1	505	290	795	105	190	155	185	145	107	74	320	226	170	30	71
PL32-10	505	290	795	105	190	155	185	145	107	74	320	226	170	30	71
PL32-20-2	575	335	910	105	230	188	185	145	107	74	320	226	170	30	84
PL32-20	575	335	910	105	230	188	185	145	107	74	320	226	170	30	84
PL32-30	645	430	1075	105	260	208	185	145	107	74	320	226	170	30	93
PL32-40	715	430	1145	105	260	208	185	145	107	74	320	226	170	30	102
PL32-50	895	490	1425	105	330	255	185	145	107	74	320	226	170	30	175
PL32-60	965	490	1455	105	330	25	185	145	107	74	320	226	170	30	176
PL32-70	1035	490	1525	105	330	255	185	145	107	74	320	226	170	30	188
PL32-80	1105	490	1595	105	330	255	185	145	107	74	320	226	170	30	192
PL32-90	1175	550	1725	105	330	255	185	145	107	74	320	226	170	30	218
PL32-100	1245	550	1795	105	330	255	185	145	107	74	320	226	170	30	222
PL32-110	1315	590	1905	105	360	285	185	145	107	74	320	226	170	30	259
PL32-120	1385	590	1975	105	360	285	185	145	107	74	320	226	170	30	263
PL32-130	1455	660	2115	105	400	310	185	145	107	74	320	226	170	30	327
PL32-140	1525	660	2185	105	400	310	185	145	107	74	320	226	170	30	331
PL45-10-1	558	335	893	140	190	188	200	160	120	85	365	248	190	45	92
PL45-10	558	335	893	140	230	188	200	160	120	85	365	248	190	45	92
PL45-20-2	638	430	1068	140	260	208	200	160	120	85	365	248	190	45	107
PL45-20	638	430	1068	140	260	208	200	160	120	85	365	248	190	45	107
PL45-30	826	490	1316	140	330	255	200	160	120	85	365	248	190	45	175
PL45-40	906	490	1396	140	330	255	200	160	120	85	365	248	190	45	187
PL45-50	986	550	1536	140	330	255	200	160	120	85	365	248	190	45	208
PL45-60	1066	590	1656	140	360	285	200	160	120	85	365	248	190	45	251
PL45-70	1146	660	1806	140	400	310	200	160	120	85	365	248	190	45	315
PL45-80	1226	660	1886	140	400	310	200	160	120	85	365	248	190	45	319
PL45-90	1308	660	1968	140	400	310	200	160	120	85	365	248	190	45	355
PL45-100-2	1388	660	2048	140	420	350	200	160	120	85	365	248	190	45	365
PL45-100	1388	660	2048	140	420	350	200	160	120	85	365	248	190	45	365

Performance Data

Model	Power		Flow (m ³ /hr)	Head (m)	Suction Size mm (DN)	Discharge Size mm (DN)	Flow										
							m ³ /hr										
							16	20	24	28	30	32	36	40	45	50	55
Three Phase 415 V	kW	HP			MALE THREADS	MALE THREADS	l/min										
							267	334	400	467	500	534	600	667	750	834	917
							Head										
							m										
							16	13	12	11	-	14	7	9	-	-	-
PL32-10-1	1.5	2.0	32	14	65 (2")	65 (2")	16	13	12	11	-	14	7	9	-	-	-
PL32-10	2.2	3.0	32	14	65 (2")	65 (2")	18	17	16	15	-	14	12	10	-	-	-
PL32-20-2	3.0	4.0	32	28	65 (2")	65 (2")	31	31	17	15	-	28	14	11	-	-	-
PL32-20	4.0	5.5	32	28	65 (2")	65 (2")	35	33	32	30	-	28	24	18	-	-	-
PL32-30	5.5	7.5	32	42	65 (2")	65 (2")	52	50	48	45	-	42	36	28	-	-	-
PL32-40	7.5	10	32	55	65 (2")	65 (2")	69	66	63	59	-	55	47	37	-	-	-
PL32-50	11	15	32	69	65 (2")	65 (2")	86	83	79	74	-	69	59	46	-	-	-
PL32-60	11	15	32	82	65 (2")	65 (2")	103	99	94	88	-	82	70	55	-	-	-
PL32-70	15	20	32	96	65 (2")	65 (2")	120	116	110	103	-	96	82	64	-	-	-
PL32-80	15	20	32	109	65 (2")	65 (2")	137	132	125	117	-	109	93	73	-	-	-
PL32-90	18.5	25	32	123	65 (2")	65 (2")	155	149	141	132	-	123	105	83	-	-	-
PL32-100	18.5	25	32	136	65 (2")	65 (2")	172	165	156	146	-	136	116	82	-	-	-
PL32-110	22	30	32	150	65 (2")	65 (2")	189	182	172	161	-	150	128	101	-	-	-
PL32-120	22	30	32	164	65 (2")	65 (2")	206	198	188	176	-	164	140	110	-	-	-
PL32-130	30	40	32	177	65 (2")	65 (2")	223	215	204	191	-	177	152	119	-	-	-
PL32-140	30	40	32	190	65 (2")	65 (2")	240	231	219	205	-	190	163	128	-	-	-
PL45-10-1	3.0	4.0	45	19	80 (3)	80 (3)	-	-	20	-	19	-	18	17	16	13	11
PL45-10	4.0	5.5	45	19	80 (3)	80 (3)	-	-	24	-	23	-	22	21	19	17	13
PL45-20-2	5.5	7.5	45	39	80 (3)	80 (3)	-	-	40	-	38	-	37	34	31	27	23
PL45-20	7.5	10	45	39	80 (3)	80 (3)	-	-	48	-	46	-	44	42	39	34	31
PL45-30	11	15	45	58	80 (3)	80 (3)	-	-	71	-	69	-	66	63	58	53	47
PL45-40	15	20	45	78	80 (3)	80 (3)	-	-	95	-	92	-	88	84	78	71	62
PL45-50	18.5	25	45	97	80 (3)	80 (3)	-	-	119	-	115	-	110	105	97	88	78
PL45-60	22	30	45	116	80 (3)	80 (3)	-	-	143	-	138	-	132	125	116	106	93
PL45-70	30	40	45	135	80 (3)	80 (3)	-	-	166	-	161	-	154	146	135	124	109
PL45-80	30	40	45	141	80 (3)	80 (3)	-	-	190	-	184	-	176	167	154	141	124
PL45-90	37	50	45	187	80 (3)	80 (3)	-	-	226	-	219	-	211	198	187	170	150
PL45-100-2	37	50	45	196	80 (3)	80 (3)	-	-	243	-	235	-	233	212	196	178	158
PL45-100	45	60	45	205	80 (3)	80 (3)	-	-	251	-	244	-	241	220	205	188	165



Horizontal Multistage Stainless Steel Centrifugal Pumps

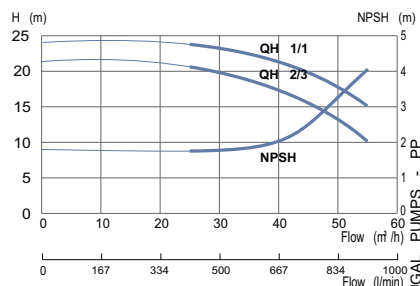
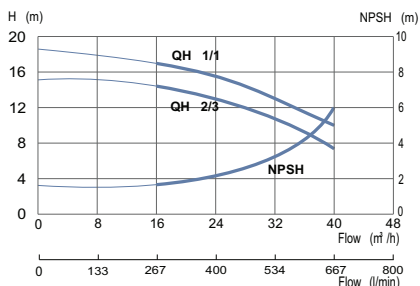
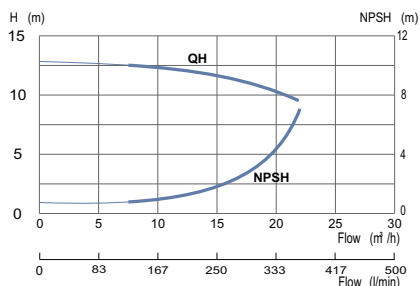
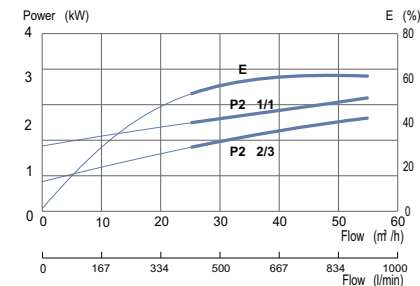
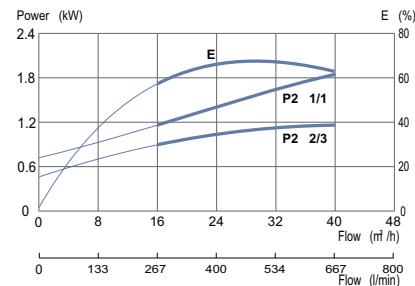
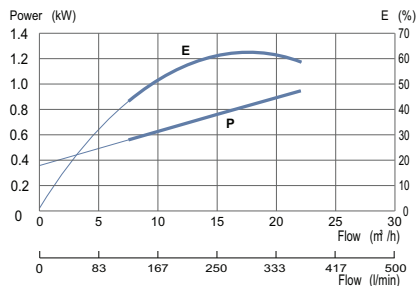
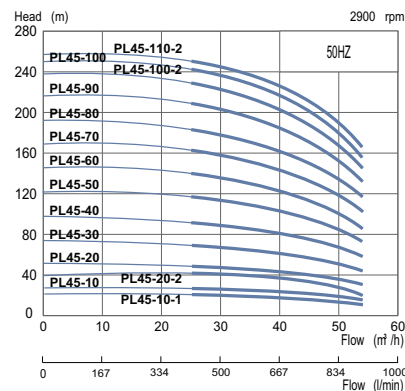
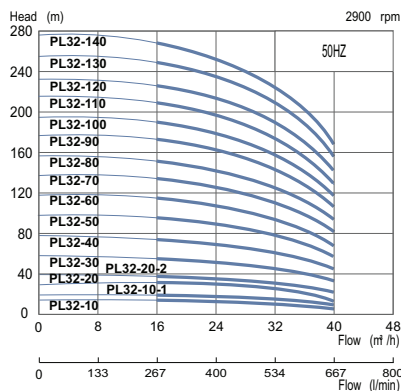
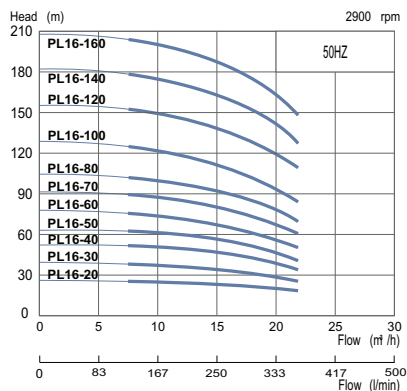
PL16 / PL32 / PL45 Series

Performance Curves

PL 16

PL 32

PL 45



Water test temp: ° 20 C

Performance Limits: ISO2548

Std Class C pu

WATER

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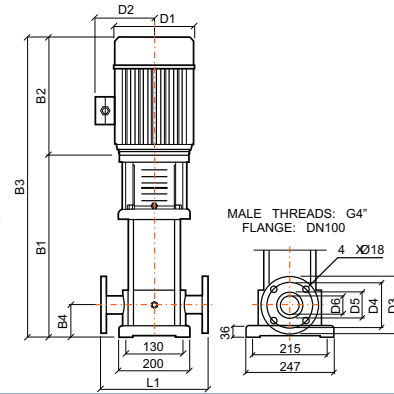
Regd. Office: 28-30 Navketan Indl. Estate, Mahakali Caves Road,
 Andheri (East), Mumbai- 400 093. INDIA.
 Telephone: +91-22-6695 1090-94. Facsimile: +91-22-2687 5317
 Email: shahpneu@bom3.vsnl.net.in
 Website: www.shah-pneumatics.com

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Vertical Stainless Steel Multistage Centrifugal Pumps

PL64 / PL90 Series

Outline Diagram



Dimensions

Model	Dimensions (mm)										Weight Kg.
	B1	B2	D1	D2	D3	D4	D5	L1	L2	L3	
PL64-10-1	561	330	220	150	220	180	150	365	251	190	105
PL64-10	561	420	260	210	220	180	150	365	251	190	120
PL64-20-2	644	420	260	210	220	180	150	365	251	190	130
PL64-20	754	500	330	260	220	180	150	365	251	190	165
PL64-30-1	836	500	330	260	220	180	150	365	251	190	205
PL64-30	836	550	380	310	220	180	150	365	251	190	215
PL64-40-2	919	600	380	310	220	180	150	365	251	190	270
PL64-40	919	600	380	310	220	180	150	365	251	190	270
PL64-50	1001	660	420	350	220	180	150	365	251	190	350
PL64-60-2	1084	660	420	350	220	180	150	365	251	190	355
PL64-60	1084	660	420	350	220	180	150	365	251	190	375
PL64-70-1	1166	660	420	350	220	180	150	365	251	190	380
PL64-70	1166	710	470	375	220	180	150	365	251	190	445
PL64-80-1	1248	710	470	375	220	180	150	365	251	190	450
PL90-10-1	571	420	260	210	235	190	156	380	261	199	125
PL90-10	571	420	260	210	235	190	156	380	261	199	130
PL90-20-2	773	500	330	260	235	190	156	380	261	199	170
PL90-20	773	500	330	260	235	190	156	380	261	199	205
PL90-30-2	864	550	380	310	235	190	156	380	261	199	220
PL90-30	864	600	380	310	235	190	156	380	261	199	270
PL90-40	957	660	420	350	235	190	156	380	261	199	355
PL90-50	1049	660	420	350	235	190	156	380	261	199	380
PL90-60	1141	710	470	375	235	190	156	380	261	199	445

Performance Data

Model	Power		Flow (m ³ /hr)	Head (m)	Suction Size mm (DN) FLANGE	Discharge Size mm (DN) FLANGE	Flow														
							Three Phase 415 V	kW	HP	m ³ /hr	l/min	Head									
												30	40	45	50	60	70	80	90	100	110
PL64-10-1	4.0	5.5	64	13	100 (2)	100 (2)	20	18	-	16	14	12	9	-	-	-	-	-			
PL64-10	5.5	7.5	64	21	100 (2)	100 (2)	28	26	-	24	22	20	17	-	-	-	-	-			
PL64-20-2	7.5	10	64	29	100 (2)	100 (2)	40	38	-	36	31	26	19	-	-	-	-	-			
PL64-20	11.0	15	64	44	100 (2)	100 (2)	55	52	-	49	46	42	36	-	-	-	-	-			
PL64-30-1	15.0	20	64	60	100 (2)	100 (2)	75	72	-	68	63	56	48	-	-	-	-	-			
PL64-30	18.5	25	64	69	100 (2)	100 (2)	85	80	-	76	71	64	55	-	-	-	-	-			
PL64-40-2	18.5	25	64	75	100 (2)	100 (2)	96	93	-	88	79	70	59	-	-	-	-	-			
PL64-40	22	30	64	90	100 (2)	100 (2)	111	107	-	102	96	84	75	-	-	-	-	-			
PL64-50	30	40	64	115	100 (2)	100 (2)	141	136	-	129	120	110	98	-	-	-	-	-			
PL64-60-2	30	40	64	122	100 (2)	100 (2)	154	149	-	140	129	115	100	-	-	-	-	-			
PL64-60	37	50	64	139	100 (2)	100 (2)	170	164	-	155	145	132	116	-	-	-	-	-			
PL64-70-1	37	50	64	152	100 (2)	100 (2)	190	184	-	173	160	146	127	-	-	-	-	-			
PL64-70	45	60	64	165	100 (2)	100 (2)	202	195	-	185	172	155	137	-	-	-	-	-			
PL64-80-1	45	60	64	180	100 (2)	100 (2)	223	215	-	203	189	170	149	-	-	-	-	-			
PL90-10-1	5.5	7.5	90	14	100 (2)	100 (2)	-	-	22	21	20	18	16	14	11	7	-	-			
PL90-10	7.5	10	90	20	100 (2)	100 (2)	-	-	27	26	25	24	22	20	17	14	-	-			
PL90-20-2	11.0	15	90	30	100 (2)	100 (2)	-	-	44	43	42	38	35	30	24	18	-	-			
PL90-20	15.0	20	90	43	100 (2)	100 (2)	-	-	56	55	53	49	46	43	38	32	-	-			
PL90-30-2	18.5	25	90	52	100 (2)	100 (2)	-	-	73	72	68	64	58	52	44	35	-	-			
PL90-30	22	30	90	65	100 (2)	100 (2)	-	-	87	85	80	76	71	65	58	50	-	-			
PL90-40	30	40	90	88	100 (2)	100 (2)	-	-	117	115	108	103	96	88	80	70	-	-			
PL90-50	37	50	90	112	100 (2)	100 (2)	-	-	147	144	136	128	120	112	100	88	-	-			
PL90-60	45	60	90	136	100 (2)	100 (2)	-	-	178	175	166	156	146	136	123	107	-	-			

CATALOGUE VERTICAL MULTISTAGE CENTRIFUGAL PUMPS - PL



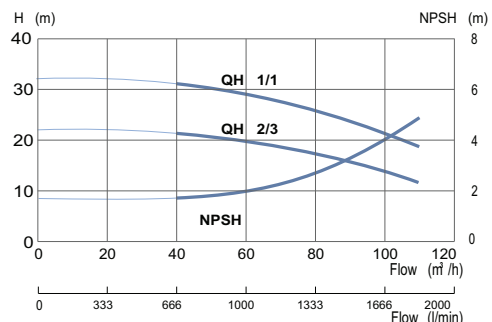
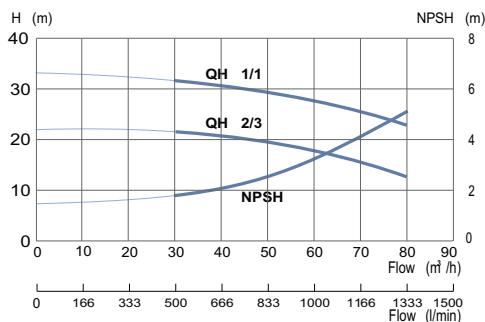
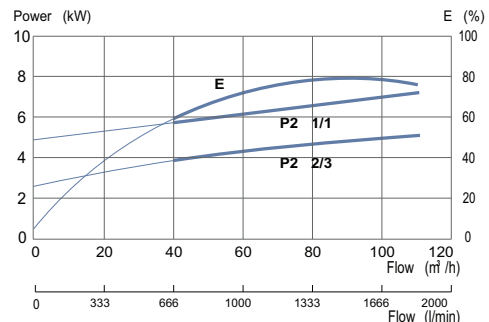
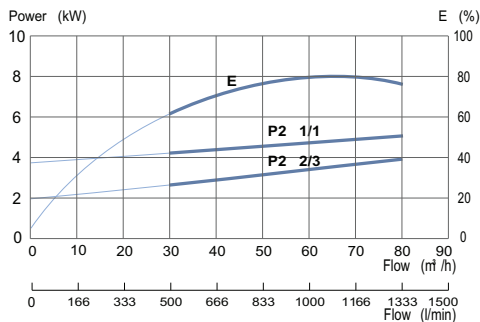
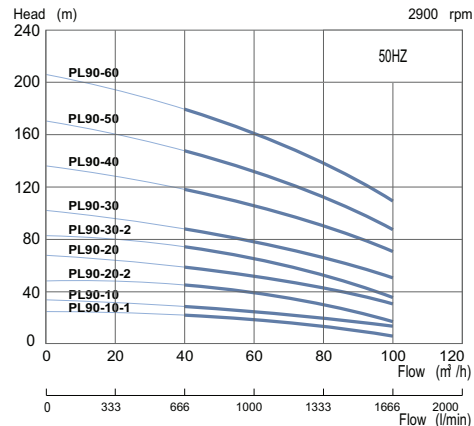
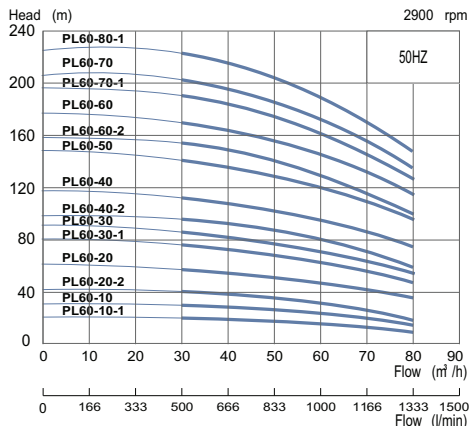
Horizontal Multistage Stainless Steel Centrifugal Pumps

PL64 / PL90 Series

Performance Curves

PL 60

PL 90



Water test temp: ° 20 C

Performance Limits: ISO2548

Std Class C pu

WATER

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Shah Pneumatics

Regd. Office: 28-30 Navketan Indl. Estate, Mahakali Caves Road,
 Andheri (East), Mumbai- 400 093. INDIA.
 Telephone: +91-22-6695 1090-94. Facsimile: +91-22-2687 5317
 Email: shahpneu@bom3.vsnl.net.in
 Website: www.shah-pneumatics.com

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