



Quality, Reliability, Life

Vertical Multistage Stainless Steel Pump



www.prakashpump.com



Applications

This series are suitable for transferring liquids of low viscosity, non-inflammable and non-Explosive, not containing solid particles or fibers.

- Water supply: Water supply and drainage for high-rise buildings, filtration and transfer at waterworks, pressure boosting in main pipe
- Industry: Washing and cleaning systems, boiler feeding, cooling water circulation, water treatment systems, auxiliary systems, support equipments.
- Water treatment: ultra-filtration systems, reverse-osmosis systems, distillation systems, separators, swimming pools.
- Agricultural irrigation: sprinkler irrigation ,drip-feed irrigation
- Food and beverage industry
- Fire-fighting systems

Application Limits

Low viscosity non-inflammable and non-explosive liquids not containing solid particles or fibers. The liquids must not chemically attack the pump materials. When pumping liquids with a density is higher than that of water, a motor with a higher output power rating shall be used.

- Liquid temperature :- 15°C - 120°C
- Flow range :- 1.4-240m³/h
- pH:- 4-10
- Max. ambient temperature :- +40°C
- Max. operation pressure:- 33 bar
- Altitude :- up to 1000m

Description

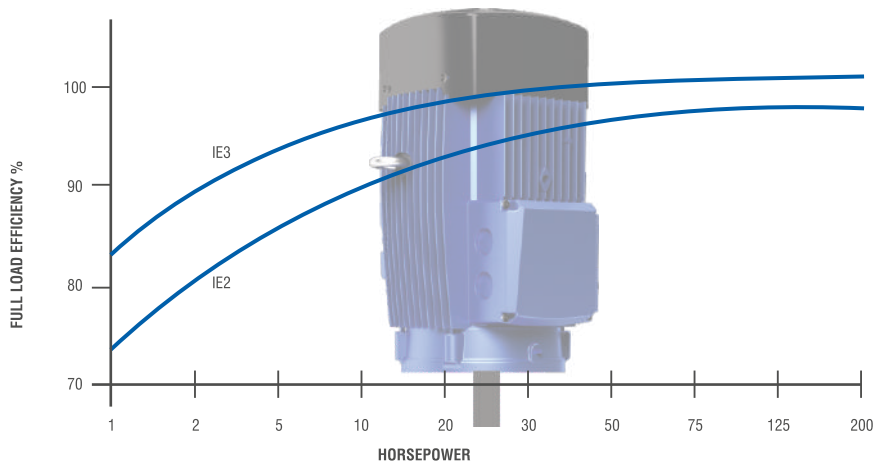
Stainless steel vertical multistage centrifugal pumps for high pressure water supply system, which are compact in size and maintain constant pressure.

Features

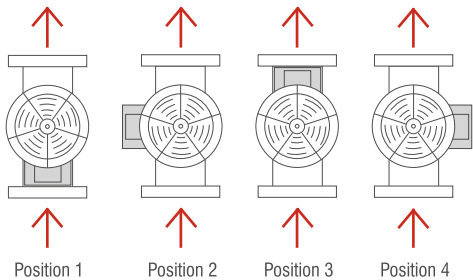
Compact, Nice Appearance, Efficient, Low Noise, Reliable Seal, Easy to use and Maintain.

Motor Details

- Totally enclosed and fan cooled motor
- Protection class :- IP 55
- Voltage: Single phase 220-240v, 60Hz, $\pm 5\%$
Three phase 380-420v, 60Hz, $\pm 10\%$



Terminal Box Positions



Position 1 Position 2 Position 3 Position 4

(Note: Set to position 1 before delivery)

PVMP(SS): Stainless steel wetted parts
PVMP: Cast iron base & pump cover

Condition For Minimum Inlet Pressure of Pump

- The liquid temperature is high.
- The flow is significantly higher than the rated flow.
- Water is drawn from depths.
- Water is drawn through long pipes.
- Inlet condition is poor.

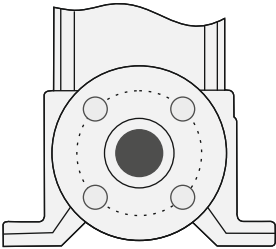
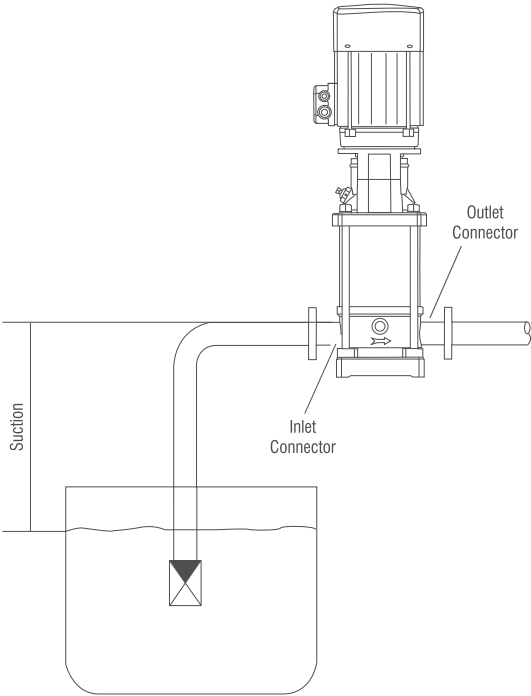
MAXIMUM INLET PRESSURE

Model	Max. Inlet Pressure (bar)
PVMP(SS)3-2 to 3-15	10
PVMP(SS)3-17 to 3-25	15
PVMP(SS)4-2 to 4-7	10
PVMP(SS)4-8 to 4-12	15
PVMP(SS)5-2 to 5-9	10
PVMP(SS)5-10 to 5-24	15
PVMP(SS)10-1 to 10-5	8
PVMP(SS)10-6 to 10-17	10
PVMP(SS)15-1 to 15-2	8
PVMP(SS)15-3 to 15-12	10
PVMP(SS)20-1	8
PVMP(SS)20-2 to 20-10	10
PVMP(SS)32-1-1 to 32-2	4
PVMP(SS)32-3-2 to 32-6	10
PVMP(SS)32-7-2 to 32-10-2	15
PVMP(SS)45-1-1 to 45-1	4

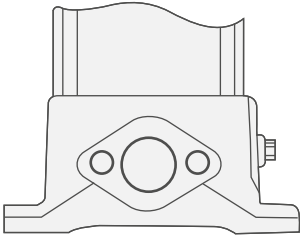
Model	Max. Inlet Pressure (bar)
PVMP(SS)45-2-2 to 45-3	10
PVMP(SS)45-4-2 to 45-7	15
PVMP(SS)64-1-1	4
PVMP(SS)64-1 to 64-2-1	10
PVMP(SS)64-4-2 to 64-5-2	15
PVMP(SS)90-1-1 to 90-2-2	10
PVMP(SS)90-2-1 to 90-4-2	15
PVMP(SS)120-1-1 to PVMP120-1	10
PVMP(SS)120- 2-2 to 120-3-1	15
PVMP(SS)120- 3 to 120-5-2	20
PVMP(SS)150-1-1	10
PVMP(SS)150-1 to 150-2	15
PVMP(SS)150-3-2 to 150-4-2	20
PVMP(SS)200-1-D to 200-1	15
PVMP(SS)200-2-2D to 200-3-2C	20

Maximum Inlet Pressure

Product Range	PUMP(SS)3	PUMP(SS)5	PUMP(SS)10	PUMP(SS)15	PUMP(SS)20	PUMP(SS)32	PUMP(SS)45	PUMP(SS)64	PUMP(SS)90	PUMP(SS)120	PUMP(SS)150	PUMP(SS)200
DESCRIPTION												
Rated flow [m3/h]	3.6	6.8	12	20	25	36	54	77	108	120	150	200
Flow range [m3/h]	1.4-5.4	3-10	6-15.5	10-28	13-35	18-48	26-70	36-100	54-142	60-160	80-180	100-240
Max. pressure [bar]	24	24	25	24	21	27	26	18	16			
Motor power [kW]	0.37-4	0.55-4	0.75-11	1.5-18.5	2.2-18.5	2.2-30	5.5-45	7.5-4.5	11-45	15-75	15-75	30-110
Temperature Range [t]	20°C ~ +120°C (Note: Both the Max. permissible pressure and liquid temperature range refer to the pump capacity.)											
Max. pump efficiency [%]	59	67	70	72	72	76	78	79	80	74	73	78
Pipe connection-PVMP												
Oval flange	G1	G1/4	-	-	-	-	-	-	-	-	-	-
DIN flange	DN25	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Pipe connection-PVMP(SS)												
Oval flange	-	-	-	-	-	-	-	-	-	-	-	-
DIN flange	DN32	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Clamp connector	Ø42	Ø42	-	-	-	-	-	-	-	-	-	-
Threaded connector	G1 1/4	G1 1/4	-	-	-	-	-	-	-	-	-	-

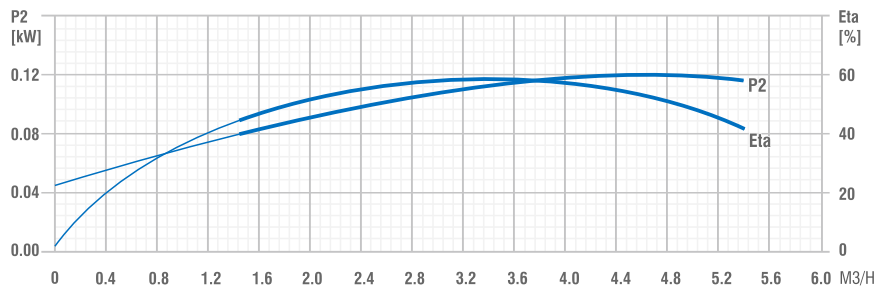
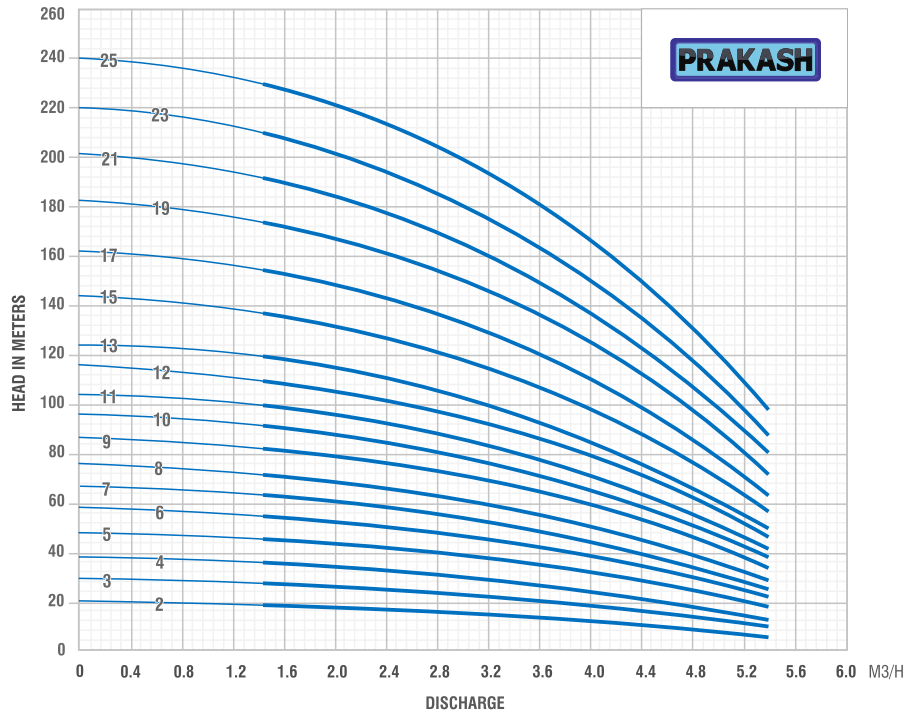


DIN FLANGE



OVAL FLANGE

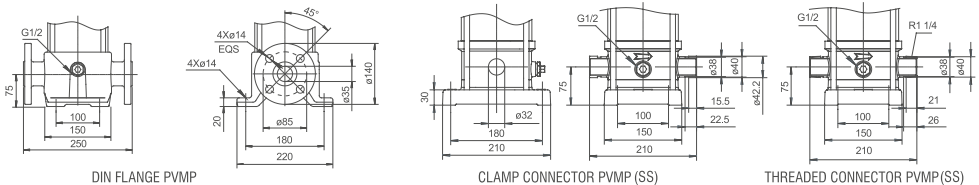
HYDRAULIC PERFORMANCE CURVE PVMP3, 3500RPM, 60Hz



PRAKASH

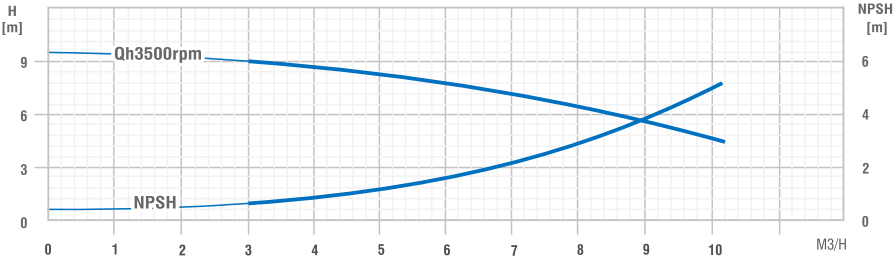
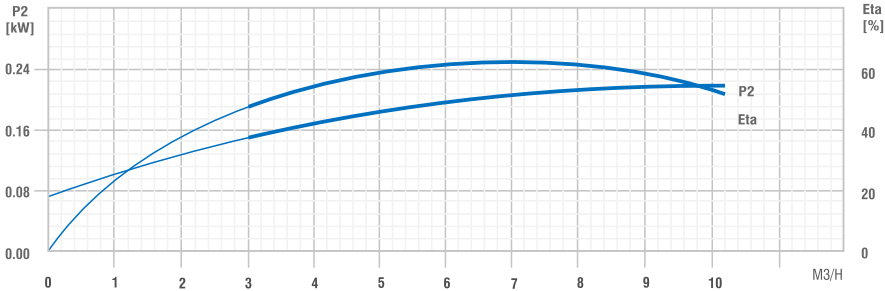
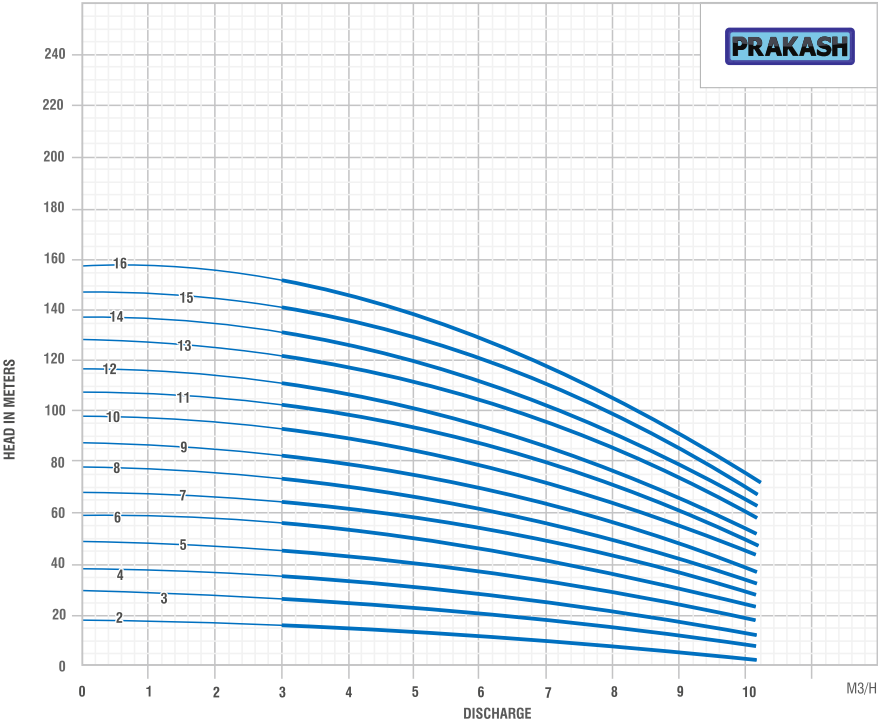
Model	Power		Q	US	6.6	8.8	11	13	16	18	20	22	24
				GPM	25	33	42	50	60	67	75	83	90
	LPM	M³/H		1.5	2	2.5	3	3.6	4	4.5	5	5.4	
	KW	HP		Head (m)									
PVMP(SS)3-2	0.37	0.5	Head (m)	17	17	16	15	13	11	9	7	5	
PVMP(SS)3-3	0.55	0.75	Head (m)	26	25	24	22	20	18	15	12	9	
PVMP(SS)3-4	0.55	0.75	Head (m)	35	34	32	30	27	24	20	16	12	
PVMP(SS)3-5	0.75	1.0	Head (m)	44	43	41	38	34	31	27	22	17	
PVMP(SS)3-6	1.1	1.5	Head (m)	54	52	49	46	42	38	33	27	21	
PVMP(SS)3-7	1.1	1.5	Head (m)	62	60	57	54	48	44	38	31	24	
PVMP(SS)3-8	1.1	1.5	Head (m)	71	68	65	61	55	50	43	35	27	
PVMP(SS)3-9	1.5	2.0	Head (m)	81	79	75	71	64	58	51	41	33	
PVMP(SS)3-10	1.5	2.0	Head (m)	90	87	83	78	70	64	56	46	37	
PVMP(SS)3-11	1.5	2.0	Head (m)	99	96	91	86	77	71	61	50	40	
PVMP(SS)3-12	2.2	3.0	Head (m)	110	106	101	95	85	78	68	56	45	
PVMP(SS)3-13	2.2	3.0	Head (m)	119	114	109	103	92	85	74	60	48	
PVMP(SS)3-15	2.2	3.0	Head (m)	136	131	125	118	106	97	84	69	55	
PVMP(SS)3-17	2.2	3.0	Head (m)	154	148	141	133	119	109	94	77	61	
PVMP(SS)3-19	3.0	4.0	Head (m)	174	168	160	150	135	125	108	88	72	
PVMP(SS)3-21	3.0	4.0	Head (m)	191	185	176	165	148	137	119	97	78	
PVMP(SS)3-23	3.0	4.0	Head (m)	209	202	192	181	161	149	129	106	85	
PVMP(SS)3-25	4.0	5.5	Head (m)	229	222	212	199	178	165	144	118	95	

Model	Oval Flange PVMP		DIN Flange PVMP (SS)		D1	D2
	B1	B1+B2	B1	B1+B2		
PVMP(SS)3-2	256.5	486.5	282	512	132	84
PVMP(SS)3-3	256.5	486.5	282	512	132	84
PVMP(SS)3-4	274.5	504.5	300	530	132	84
PVMP(SS)3-5	296.5	546.5	322	572	150	95
PVMP(SS)3-6	314.5	564.5	340	590	150	95
PVMP(SS)3-7	332.5	582.5	358	608	150	95
PVMP(SS)3-8	350.5	600.5	376	626	150	95
PVMP(SS)3-9	384.5	694.5	410	720	168	112
PVMP(SS)3-10	402.5	712.5	428	738	168	112
PVMP(SS)3-11	420.5	730.5	446	756	168	112
PVMP(SS)3-12	438.5	748.5	464	774	168	112
PVMP(SS)3-13	456.5	766.5	482	792	168	112
PVMP(SS)3-15	492.5	802.5	518	828	168	112
PVMP(SS)3-17	528.5	838.5	554	864	168	112
PVMP(SS)3-19	568.5	898.5	594	924	194	124
PVMP(SS)3-21	604.5	934.5	630	960	194	124
PVMP(SS)3-23	640.5	970.5	666	996	194	124
PVMP(SS)3-25	-	-	702	1059	212	142



NOTES:-
PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
PVMP(SS)= PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

HYDRAULIC PERFORMANCE CURVE PVMP5, 3500RPM, 60Hz



SERVICE AT YOUR DOOR STEP

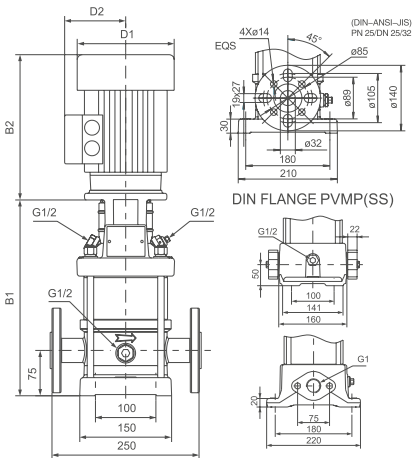
Vertical Multistage Stainless Steel Pump

PRAKASH

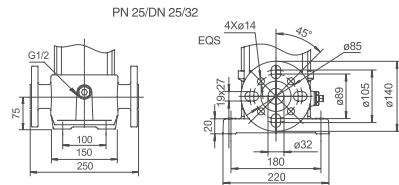
Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US	13	18	22	26	30	35	40	44
				GPM								
	KW	HP		LPM	50	67	83	100	113	133	150	167
				M ³ /H	3	4	5	6	6.8	8.0	9.0	10
PVMP(SS)5-2	0.55	0.75	Head (m)		17	15	14	13	11	9	6	4
PVMP(SS)5-3	1.1	1.5	Head (m)		26	25	23	21	19	16	13	9
PVMP(SS)5-4	1.1	1.5	Head (m)		35	34	31	29	26	22	18	14
PVMP(SS)5-5	1.5	2.0	Head (m)		46	44	41	38	35	30	25	20
PVMP(SS)5-6	2.2	3.0	Head (m)		55	53	50	46	43	37	32	25
PVMP(SS)5-7	2.2	3.0	Head (m)		65	62	59	54	50	44	37	30
PVMP(SS)5-8	2.2	3.0	Head (m)		74	71	67	62	58	50	43	35
PVMP(SS)5-9	2.2	3.0	Head (m)		83	80	75	70	65	57	48	39
PVMP(SS)5-10	3.0	4.0	Head (m)		93	90	85	79	74	65	56	46
PVMP(SS)5-11	3.0	4.0	Head (m)		103	99	94	87	81	71	61	51
PVMP(SS)5-12	3.0	4.0	Head (m)		112	108	102	95	89	78	67	55
PVMP(SS)5-13	4.0	5.5	Head (m)		123	118	113	105	98	86	75	62
PVMP(SS)5-14	4.0	5.5	Head (m)		132	127	121	113	105	93	81	67
PVMP(SS)5-15	4.0	5.5	Head (m)		142	136	130	121	112	99	86	71
PVMP(SS)5-16	4.0	5.5	Head (m)		151	145	138	129	120	106	92	76

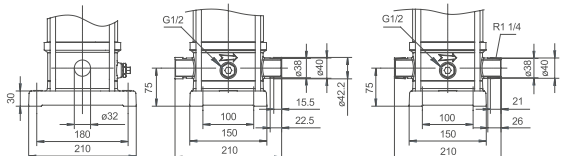
G.A Drawing



OVAL FLANGE PVMP



DIN FLANGE PVMP



CLAMP CONNECTOR PVMP(SS)

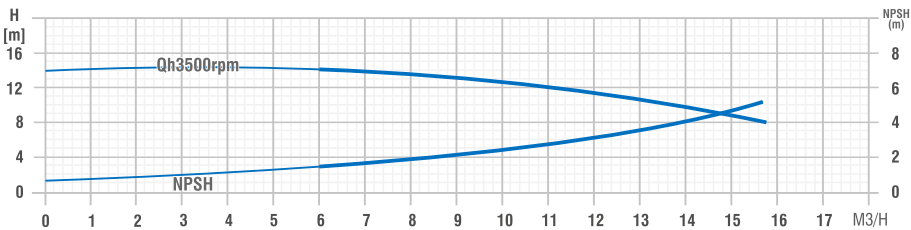
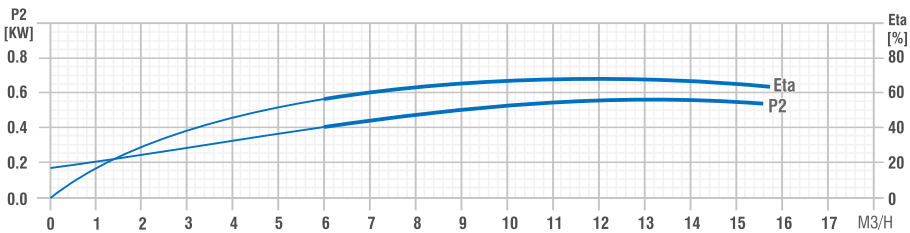
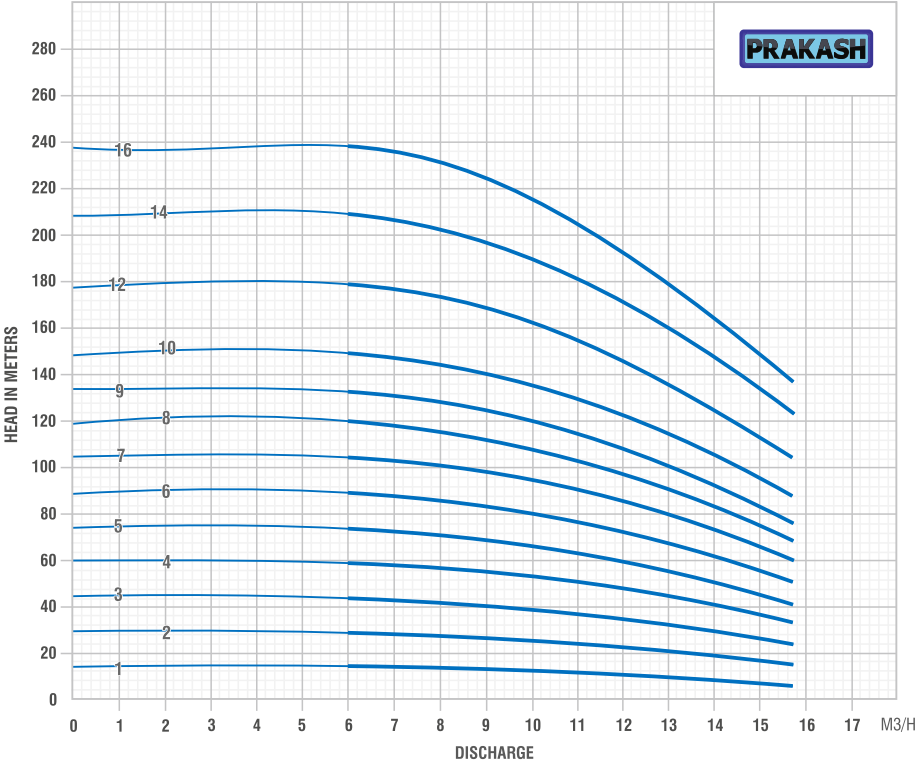
THREADED CONNECTOR PVMP (SS)

NOTES:-

PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER

PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

HYDRAULIC PERFORMANCE CURVE PVMP10, 3500RPM, 60Hz

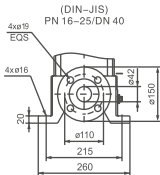
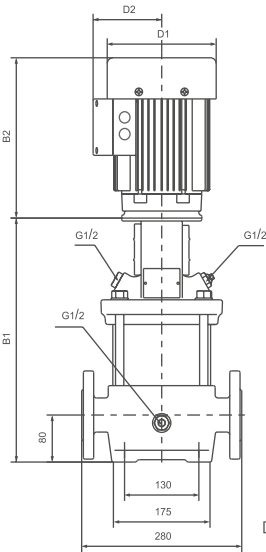


SERVICE AT YOUR DOOR STEP

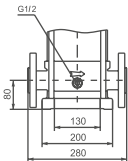
Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US GPM	26	35	44	53	62	68
				LPM	100	133	167	200	233	258
	KW	HP		M³/H	6	8	10	12	14	15.5
PVMP(SS)10-1	0.75	1.0	Head (m)	14	13	12	10.5	8	6	
PVMP(SS)10-2	1.5	2.0	Head (m)	29	28	26	23	19	15	
PVMP(SS)10-3	2.2	3.0	Head (m)	44	42	39	35	29	22	
PVMP(SS)10-4	3.0	4.0	Head (m)	59	57	53	47	40	32	
PVMP(SS)10-5	3.0	4.0	Head (m)	74	71	66	58	50	40	
PVMP(SS)10-6	4.0	5.5	Head (m)	90	86	80	71	60	50	
PVMP(SS)10-7	5.5	7.5	Head (m)	104	101	94	84	72	60	
PVMP(SS)10-8	5.5	7.5	Head (m)	119	115	107	95	82	68	
PVMP(SS)10-9	5.5	7.5	Head (m)	134	129	120	106	92	75	
PVMP(SS)10-10	7.5	10	Head (m)	149	144	135	119	103	85	
PVMP(SS)10-12	7.5	10	Head (m)	178	172	161	142	123	105	
PVMP(SS)10-14	11	15	Head (m)	210	203	189	169	146	122	
PVMP(SS)10-16	11	15	Head (m)	139	231	215	190	165	146	

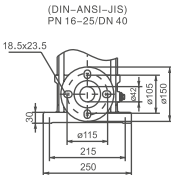
G.A Drawing



DIN FLANGE



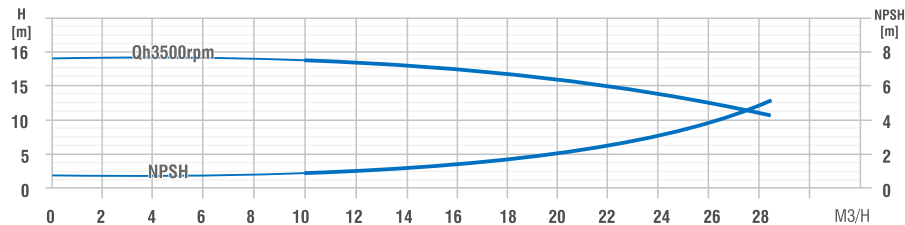
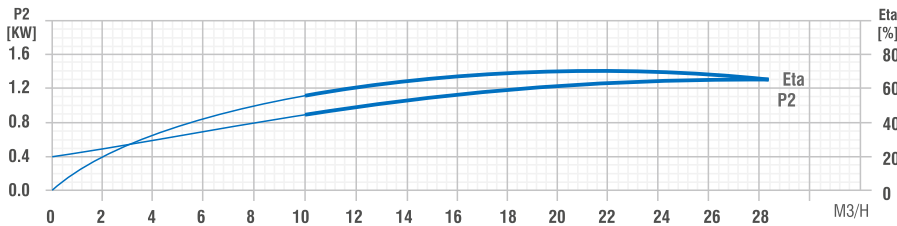
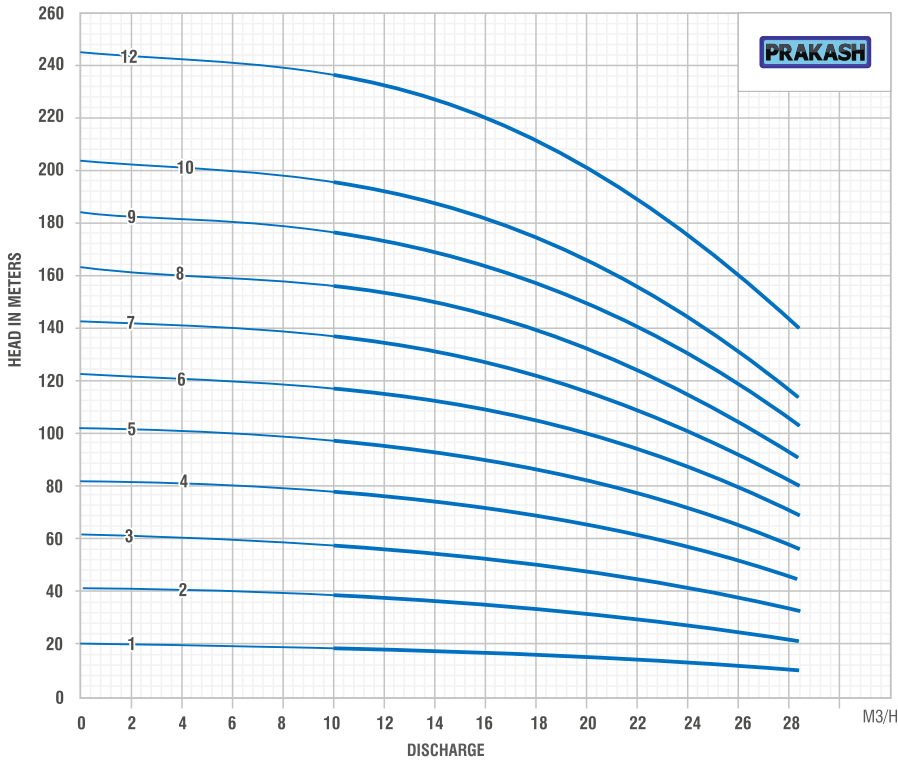
DIN FLANGE (SS)



NOTES:-
PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

Model	DIN Flange PVMP		DIN Flange PVMP (SS)		D1	D2
	B1	B1+B2	B1	B1+B2		
PVMP(SS)10-1	367	617	353.5	603.5	150	95
PVMP(SS)10-2	367	677	369.5	679.5	168	112
PVMP(SS)10-3	397	707	399.5	709.5	168	112
PVMP(SS)10-4	432	762	434.5	764.5	194	124
PVMP(SS)10-5	462	792	464.5	794.5	194	124
PVMP(SS)10-6	492	849	494.5	851.5	212	142
PVMP(SS)10-7	554	952	556.5	954.5	259	164
PVMP(SS)10-8	584	982	586.5	984.5	254	164
PVMP(SS)10-9	614	1012	616.5	1014.5	254	164
PVMP(SS)10-10	644	1042	646.5	1044.5	254	164
PVMP(SS)10-12	704	1102	706.5	1104.5	254	164
PVMP(SS)10-14	841	1346	843.5	1348.5	330	255
PVMP(SS)10-16	901	1406	903.5	1408.5	330	255

HYDRAULIC PERFORMANCE CURVE PVMP15, 3500RPM, 60Hz



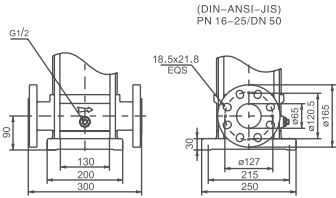
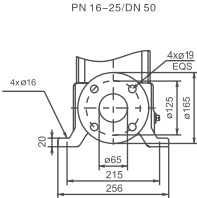
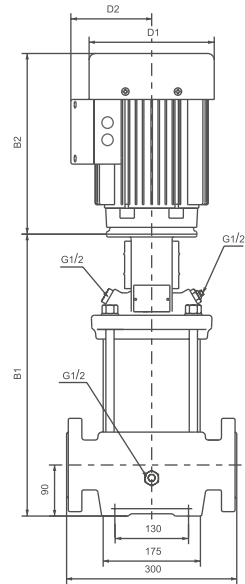
SERVICE AT YOUR DOOR STEP

Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US GPM	53	70	88	106	123
				LPM	200	267	333	400	466
	KW	HP		M³/H	12	16	20	24	28
PVMP(SS)15-1	1.5	2.0	Head (m)		18	17	15	12	9
PVMP(SS)15-2	3.0	4.0	Head (m)		38	35	32	27	22
PVMP(SS)15-3	4.0	5.5	Head (m)		57	53	48	42	33
PVMP(SS)15-4	5.5	7.5	Head (m)		76	72	65	56	46
PVMP(SS)15-5	7.5	10	Head (m)		96	90	81	71	57
PVMP(SS)15-6	11	15	Head (m)		116	110	98	87	70
PVMP(SS)15-7	11	15	Head (m)		135	127	114	101	82
PVMP(SS)15-8	11	15	Head (m)		154	145	130	114	93
PVMP(SS)15-9	15	20	Head (m)		174	164	148	130	105
PVMP(SS)15-10	15	20	Head (m)		193	182	164	144	117
PVMP(SS)15-12	18.5	25	Head (m)		233	220	198	174	142

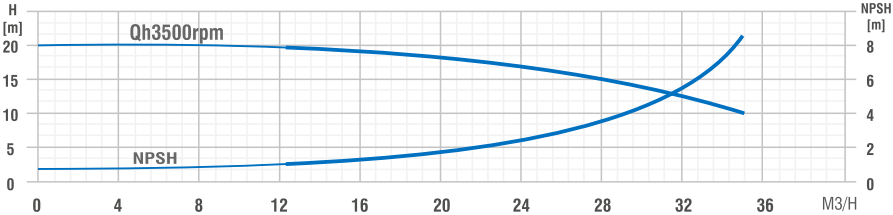
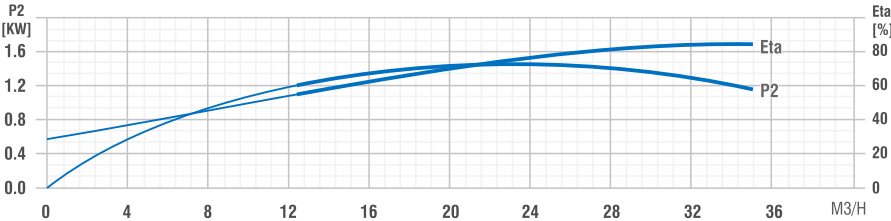
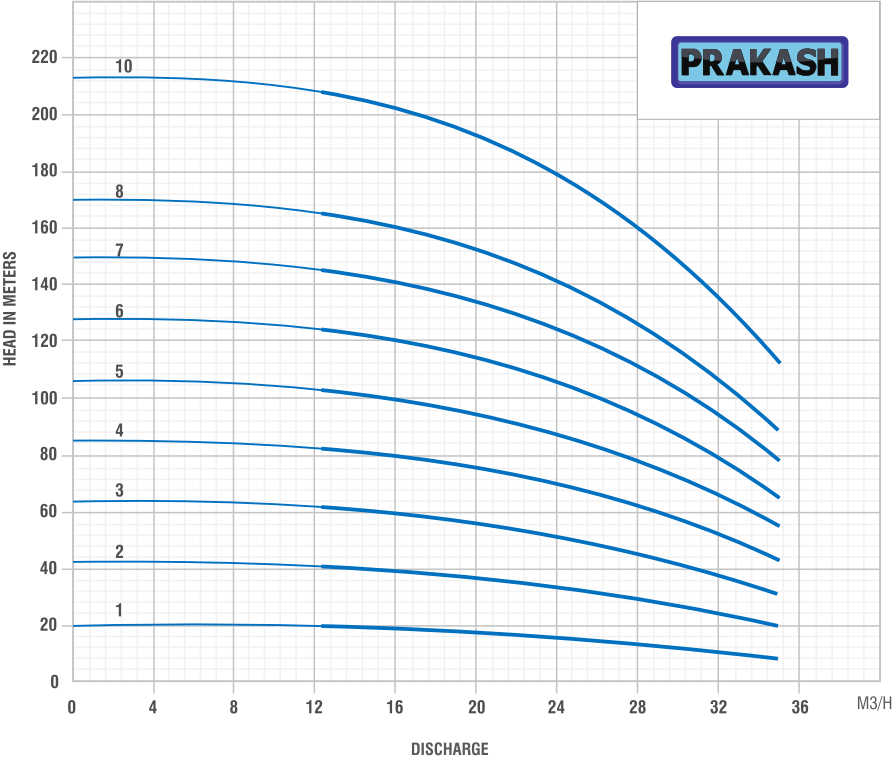
G.A Drawing

Model	DIN Flange PVMP		DIN Flange PVMP (SS)		D1	D2
	B1	B1+B2	B1	B1+B2		
PVMP(SS)15-1	415	725	413.5	723.5	168	112
PVMP(SS)15-2	420	750	418.5	748.5	194	124
PVMP(SS)15-3	465	822	463.5	820.5	212	142
PVMP(SS)15-4	542	940	540.5	938.5	259	164
PVMP(SS)15-5	587	985	585.5	983.5	259	164
PVMP(SS)15-6	709	1214	707.5	1212.5	330	255
PVMP(SS)15-7	754	1259	752.5	1257.5	330	255
PVMP(SS)15-8	799	1304	797.5	1302.5	330	255
PVMP(SS)15-9	844	1349	842.5	1347.5	330	255
PVMP(SS)15-10	889	1394	887.5	1392.5	330	255
PVMP(SS)15-12	979	1539	977.5	1537.5	330	255



NOTES:-
PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

HYDRAULIC PERFORMANCE CURVE PVMP20, 3500RPM, 60Hz

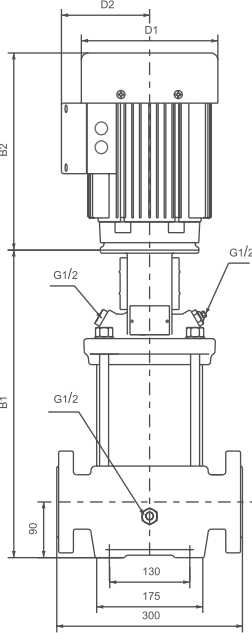


SERVICE AT YOUR DOOR STEP

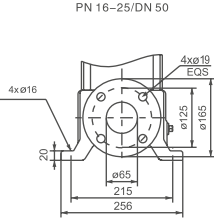
Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US GPM	57	75	92	110	128	154
				LPM	217	283	350	416	483	583
	KW	HP		M³/H	13	17	21	25	29	35
PVMP(SS)20-1	2.2	3.0	Head (m)		19	18	17	15	13	8
PVMP(SS)20-2	4.0	5.5	Head (m)		40	38	36	33	28	19
PVMP(SS)20-3	5.5	7.5	Head (m)		60	58	55	50	44	30
PVMP(SS)20-4	7.5	10	Head (m)		81	78	74	67	59	42
PVMP(SS)20-5	11	15	Head (m)		103	99	93	85	75	53
PVMP(SS)20-6	11	15	Head (m)		123	119	112	100	89	64
PVMP(SS)20-7	15	20	Head (m)		144	139	132	119	106	78
PVMP(SS)20-8	15	20	Head (m)		164	159	150	135	121	88
PVMP(SS)20-10	18.5	25	Head (m)		207	200	189	171	154	113

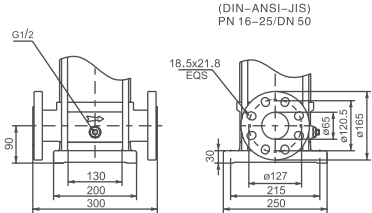
G.A Drawing



Model	DIN Flange PVMP		DIN Flange PVMP (SS)		D1	D2
	B1	B1+B2	B1	B1+B2		
PVMP(SS)20-1	415	725	413.5	723.5	168	112
PVMP(SS)20-2	420	777	418.5	775.5	212	142
PVMP(SS)20-3	497	895	495.5	893.5	259	164
PVMP(SS)20-4	542	940	540.5	938.5	259	164
PVMP(SS)20-5	664	1169	662.5	1167.5	330	255
PVMP(SS)20-6	709	1214	707.5	1212.5	330	255
PVMP(SS)20-7	754	1259	752.5	1257.5	330	255
PVMP(SS)20-8	799	1304	797.5	1302.5	330	255
PVMP(SS)20-10	889	1449	887.5	1447.5	330	255



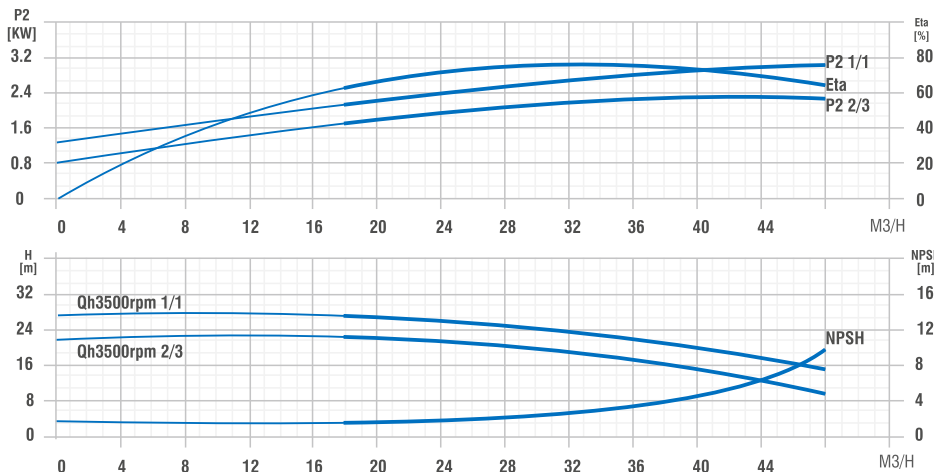
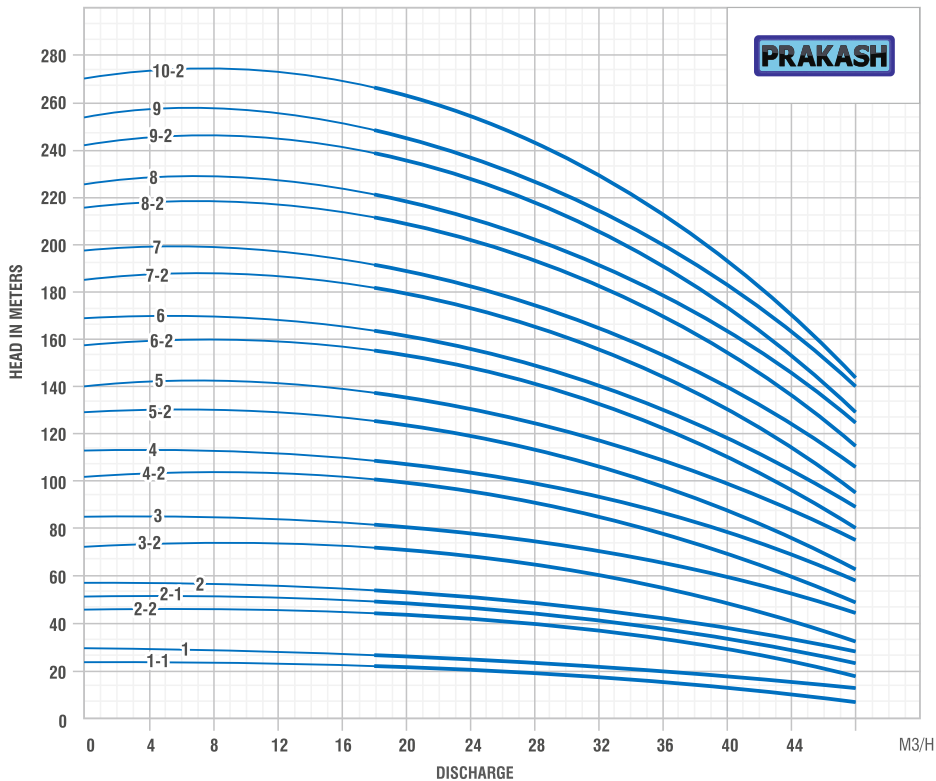
DIN FLANGE
PVMP



DIN FLANGE
PVMP(SS)

NOTES:-
PVMP= PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
PVMP(SS)= PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

HYDRAULIC PERFORMANCE CURVE PVMP32, 3500RPM, 60Hz

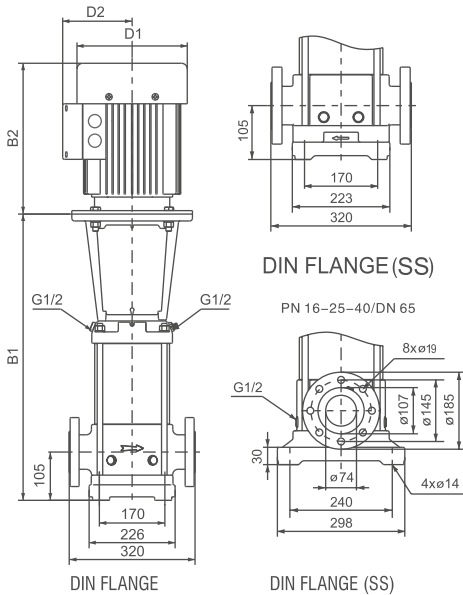


SERVICE AT YOUR DOOR STEP

Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US	88	110	132	158	176	211
				GPM	333	416	500	600	666	800
	KW	HP		LPM	20	25	30	36	40	48
				M³/H	20	25	30	36	40	48
PVMP(SS)32-1-1	2.2	3.0	Head (m)	21	20	18	15.5	13	7	
PVMP(SS)32-1	3.0	4.0	Head (m)	25	24	23	20.5	18	13	
PVMP(SS)32-2-2	5.5	7.5	Head (m)	44	42	39	33	29	18	
PVMP(SS)32-2-1	5.5	7.5	Head (m)	48	46	43	38	33	23	
PVMP(SS)32-2	7.5	10	Head (m)	53	51	48	43	39	29	
PVMP(SS)32-3-2	11	15	Head (m)	71	67	62	55	48	32	
PVMP(SS)32-3	11	15	Head (m)	81	77	73	66	60	45	
PVMP(SS)32-4-2	11	15	Head (m)	98	94	88	78	70	49	
PVMP(SS)32-4	15	20	Head (m)	107	103	96	87	79	59	
PVMP(SS)32-5-2	15	20	Head (m)	125	119	111	99	89	63	
PVMP(SS)32-5	18.5	25	Head (m)	135	129	122	110	100	75	
PVMP(SS)32-6-2	18.5	25	Head (m)	153	146	136	122	110	80	
PVMP(SS)32-6	18.5	25	Head (m)	161	154	145	131	119	90	
PVMP(SS)32-7-2	22	30	Head (m)	180	172	162	145	131	96	
PVMP(SS)32-7	22	30	Head (m)	188	180	170	154	141	106	
PVMP(SS)32-8-2	30	40	Head (m)	209	201	189	170	154	115	
PVMP(SS)32-8	30	40	Head (m)	218	209	198	179	164	126	
PVMP(SS)32-9-2	30	40	Head (m)	236	226	213	192	174	130	
PVMP(SS)32-9	30	40	Head (m)	245	235	222	201	184	140	
PVMP(SS)32-10-2	30	40	Head (m)	263	252	237	214	194	145	

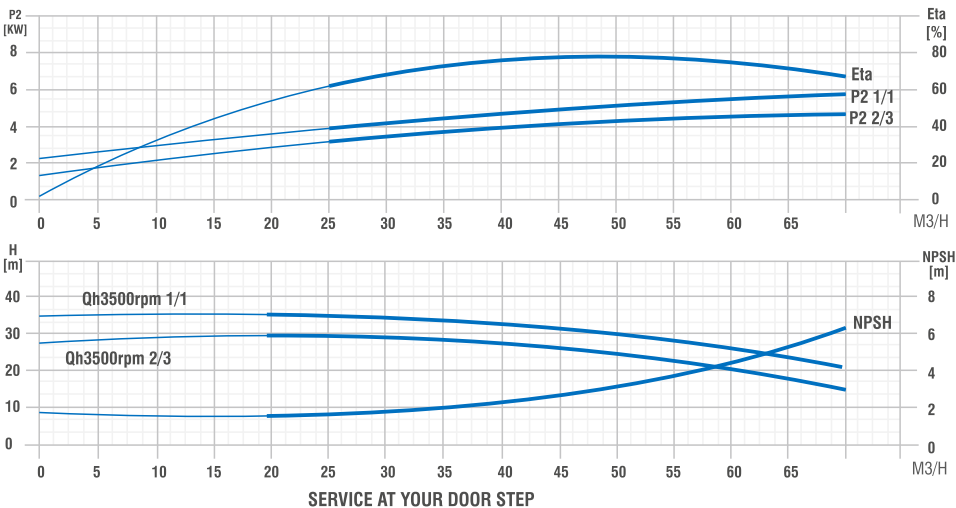
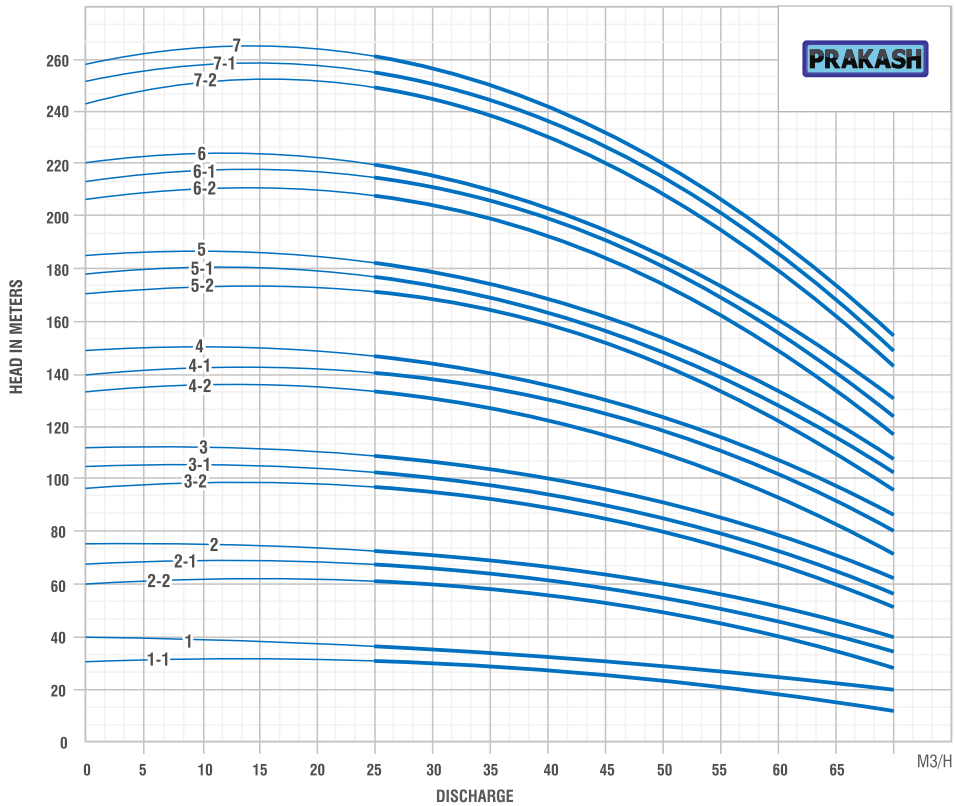
G.A Drawing



NOTES:-
PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

Model	DIN Flange PVMP (SS)		D1	D2
	B1	B1 + B2		
PVMP(SS)32-1-1	455	765	168	112
PVMP(SS)32-1	455	785	194	124
PVMP(SS)32-2-2	575	973	275	210
PVMP(SS)32-2-1	575	973	275	210
PVMP(SS)32-2	575	973	275	210
PVMP(SS)32-3-2	755	1260	330	255
PVMP(SS)32-3	755	1260	330	255
PVMP(SS)32-4-2	825	1330	330	255
PVMP(SS)32-4	825	1330	330	255
PVMP(SS)32-5-2	895	1400	330	255
PVMP(SS)32-5	895	1455	330	255
PVMP(SS)32-6-2	965	1525	330	255
PVMP(SS)32-6	965	1525	330	255
PVMP(SS)32-7-2	1035	1625	380	280
PVMP(SS)32-7	1035	1625	380	280
PVMP(SS)32-8-2	1105	1765	420	305
PVMP(SS)32-8	1105	1765	420	305
PVMP(SS)32-9-2	1175	1835	420	305
PVMP(SS)32-9	1175	1835	420	305
PVMP(SS)32-10-2	1245	1905	420	305

HYDRAULIC PERFORMANCE CURVE PVMP45, 3500RPM, 60Hz



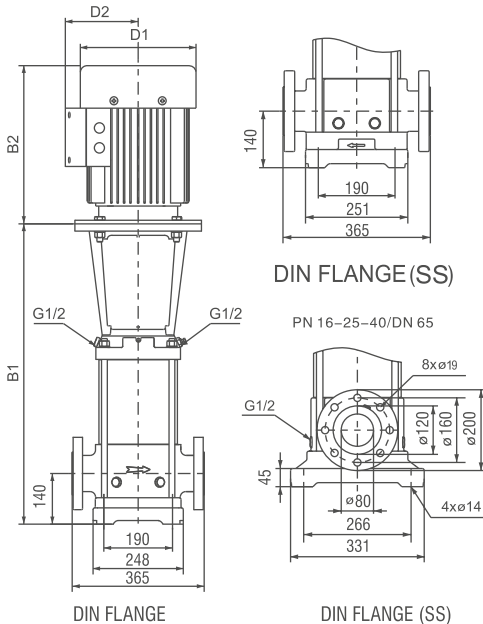
Vertical Multistage Stainless Steel Pump

PRAKASH

Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US	132	176	220	238	264	308
				GPM	500	666	833	900	1000	1166
	KW	HP		LPM	500	666	833	900	1000	1166
				M³/H	30	40	50	54	60	70
PVMP(SS)45-1-1	5.5	7.5	Head (m)	29	27	24	22	19	13	
PVMP(SS)45-1	7.5	10	Head (m)	34	32	29	28	25	20	
PVMP(SS)45-2-2	11	15	Head (m)	60	56	49	46.5	40	28	
PVMP(SS)45-2-1	11	15	Head (m)	65	61	55	51.5	46	35	
PVMP(SS)45-2	15	20	Head (m)	70	66	60	57	52	41	
PVMP(SS)45-3-2	18.5	25	Head (m)	95	89	80	75.5	67	51	
PVMP(SS)45-3-1	18.5	25	Head (m)	101	94	85	80.5	72	57	
PVMP(SS)45-3	18.5	25	Head (m)	106	100	90	86	78	62	
PVMP(SS)45-4-2	22	30	Head (m)	131	123	110	104	93	72	
PVMP(SS)45-4-1	30	40	Head (m)	139	131	118	112	102	81	
PVMP(SS)45-4	30	40	Head (m)	144	136	124	118	107	87	
PVMP(SS)45-5-2	30	40	Head (m)	169	159	143	135	122	96	
PVMP(SS)45-5-1	30	40	Head (m)	174	164	148	141	128	102	
PVMP(SS)45-5	30	40	Head (m)	179	169	154	146	134	108	
PVMP(SS)45-6-2	37	50	Head (m)	205	193	174	165	149	118	
PVMP(SS)45-6-1	37	50	Head (m)	211	199	181	172	156	124	
PVMP(SS)45-6	37	50	Head (m)	215	203	185	176	161	130	
PVMP(SS)45-7-2	45	60	Head (m)	245	231	209	198	180	143	
PVMP(SS)45-7-1	45	60	Head (m)	251	236	214	204	185	149	
PVMP(SS)45-7	45	60	Head (m)	257	242	220	209	191	155	

G.A Drawing

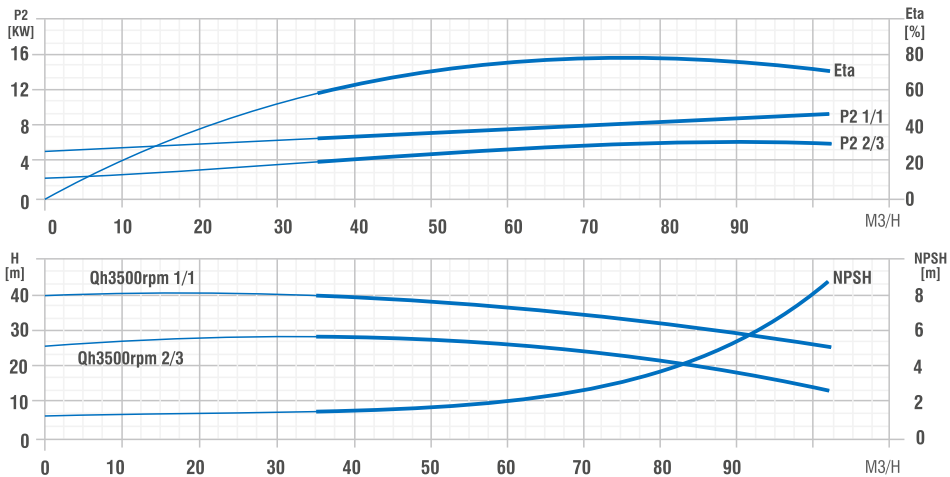
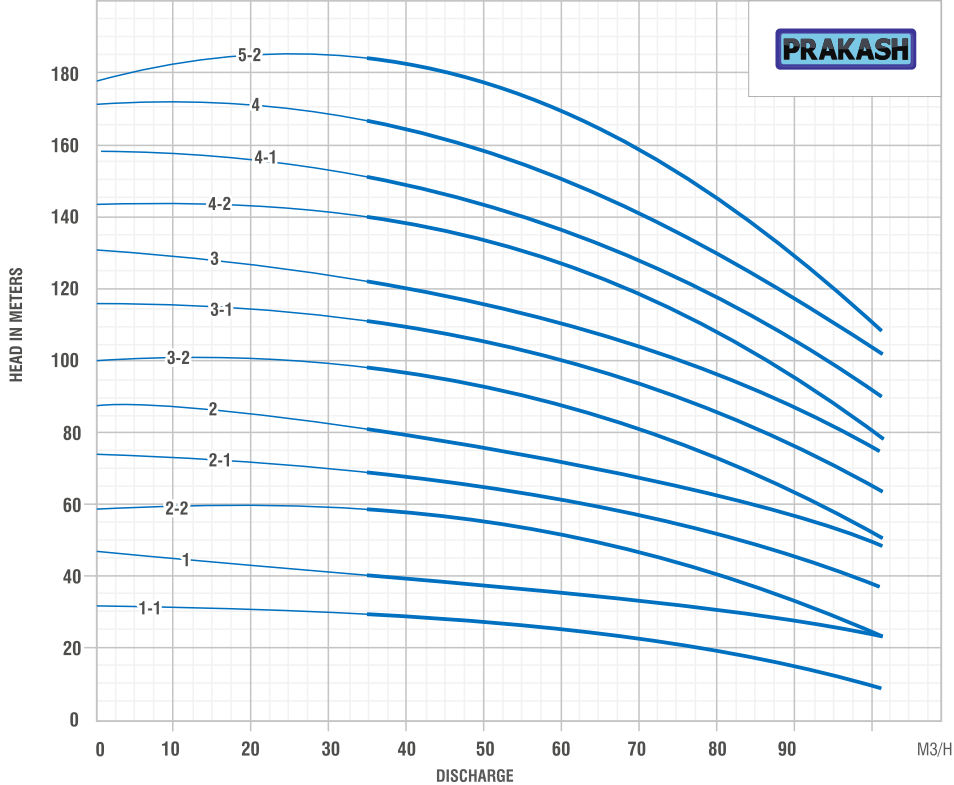


NOTES:-

PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
 PVMP(SS)= PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

Model	DIN Flange PVMP (SS)		D1	D2
	B1	B1+B2		
PVMP(SS)45-1-1	455	958.5	275	210
PVMP(SS)45-1	455	958.5	275	210
PVMP(SS)45-2-2	575	1256	330	255
PVMP(SS)45-2-1	575	1256	330	255
PVMP(SS)45-2	575	1256	330	255
PVMP(SS)45-3-2	755	1391	330	255
PVMP(SS)45-3-1	755	1391	330	255
PVMP(SS)45-3	825	1391	330	255
PVMP(SS)45-4-2	825	1501	380	280
PVMP(SS)45-4-1	895	1571	420	305
PVMP(SS)45-4	895	1571	420	305
PVMP(SS)45-5-2	965	1651	420	305
PVMP(SS)45-5-1	965	1651	420	305
PVMP(SS)45-5	1035	1651	420	305
PVMP(SS)45-6-2	1035	1731	420	305
PVMP(SS)45-6-1	1105	1731	420	305
PVMP(SS)45-6	1105	1731	420	305
PVMP(SS)45-7-2	1175	1861	470	335
PVMP(SS)45-7-1	1175	1861	470	335
PVMP(SS)45-7	1245	1861	470	335

HYDRAULIC PERFORMANCE CURVE PVMP64, 3500RPM, 60Hz



SERVICE AT YOUR DOOR STEP

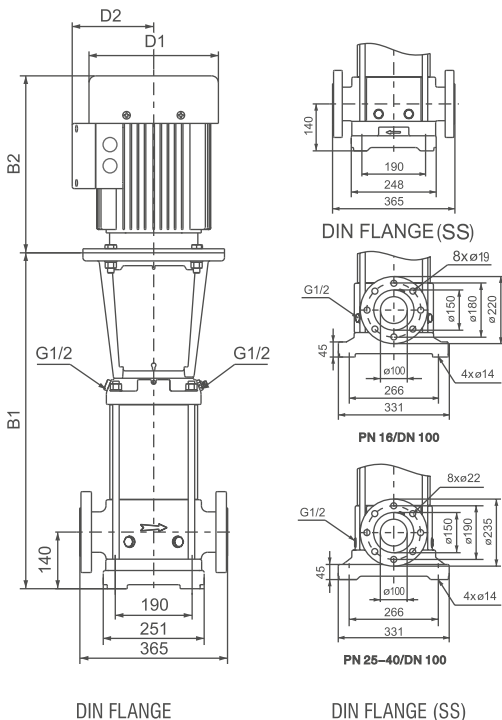
Vertical Multistage Stainless Steel Pump

PRAKASH

Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US GPM	176	264	308	339	396	440
				LPM	666	1000	1166	1283	1500	1666
	KW	HP		M³/H	40	60	70	77	90	100
PVMP(SS)64-1-1	7.5	10	Head (m)	28	27	23	20.5	15	10	
PVMP(SS)64-1	11	15	Head (m)	38	35	33	31	27	24	
PVMP(SS)64-2-2	15	20	Head (m)	57	52	47	43	33	24	
PVMP(SS)64-2-1	18.5	25	Head (m)	68	61	57	53.5	46	38	
PVMP(SS)64-2	22	30	Head (m)	79	72	68	64.5	57	49	
PVMP(SS)64-3-2	22	30	Head (m)	97	88	81	76	64	53	
PVMP(SS)64-3-1	30	40	Head (m)	109	100	93	88	77	66	
PVMP(SS)64-3	30	40	Head (m)	120	110	104	99	87	77	
PVMP(SS)64-4-2	37	50	Head (m)	139	127	119	111	96	81	
PVMP(SS)64-4-1	37	50	Head (m)	150	137	129	122	106	92	
PVMP(SS)64-4	45	60	Head (m)	164	151	142	135	119	104	
PVMP(SS)64-5-2	45	60	Head (m)	182	169	159	150	131	112	

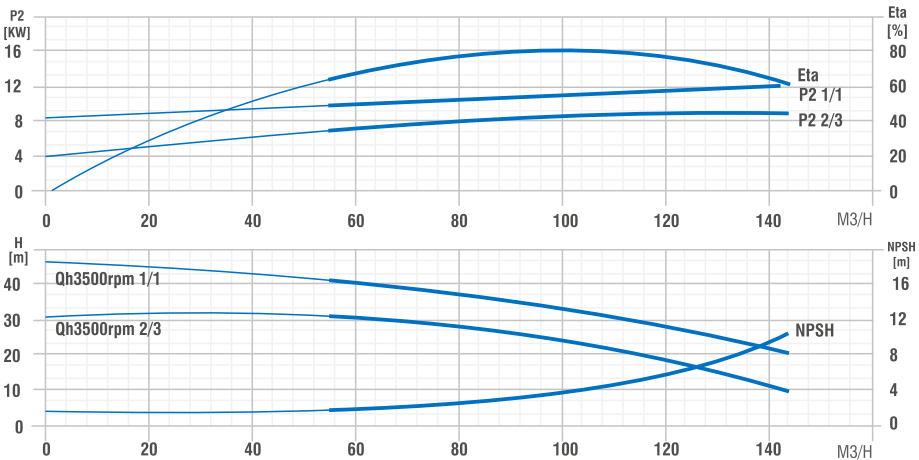
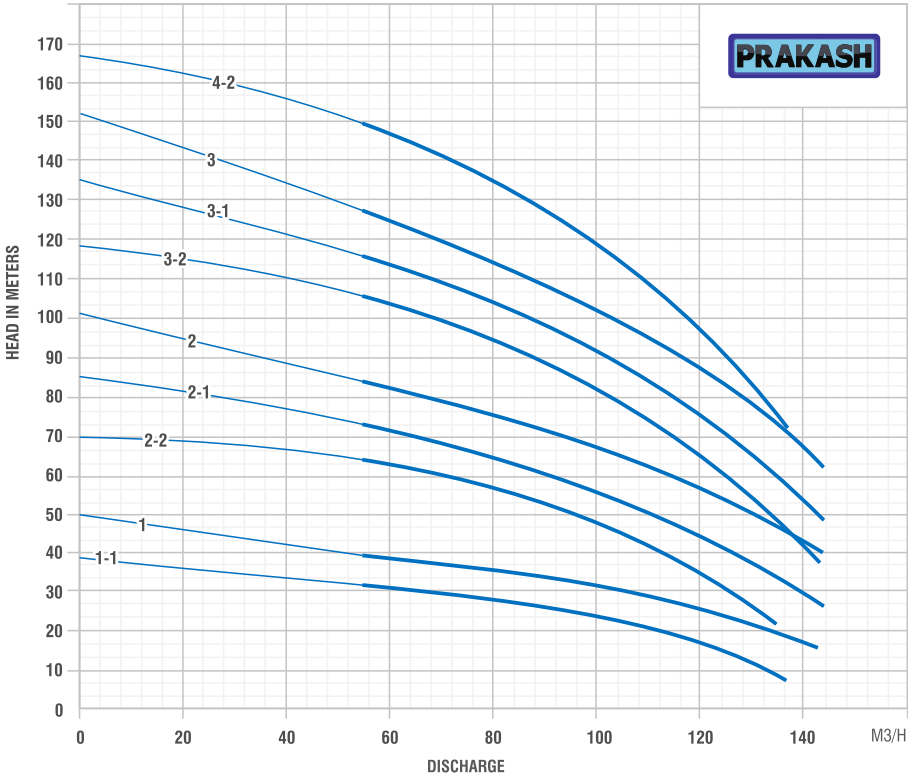
G.A Drawing



Model	DIN Flange PVMP (SS)		D1	D2
	B1	B1+B2		
PVMP(SS)64-1-1	563	961	275	210
PVMP(SS)64-1	673	1178	330	255
PVMP(SS)64-2-2	755.5	1261	330	255
PVMP(SS)64-2-1	755.5	1316	330	255
PVMP(SS)64-2	755.5	1346	380	280
PVMP(SS)64-3-2	838	1428	380	280
PVMP(SS)64-3-1	838	1498	420	305
PVMP(SS)64-3	838	1498	420	305
PVMP(SS)64-4-2	920.5	1581	420	305
PVMP(SS)64-4-1	920.5	1581	420	305
PVMP(SS)64-4	920.5	1631	470	335
PVMP(SS)64-5-2	1003	1713	470	335

NOTES:-
 PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
 PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

HYDRAULIC PERFORMANCE CURVE PVMP90, 3500RPM, 60Hz



SERVICE AT YOUR DOOR STEP

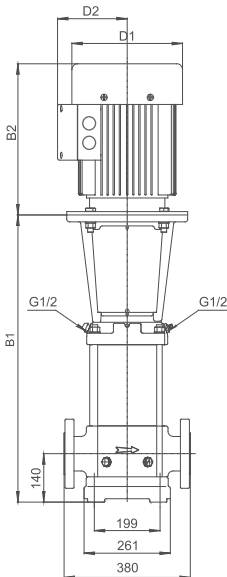
Vertical Multistage Stainless Steel Pump

PRAKASH

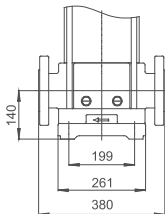
Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US GPM	264	308	352	396	440	475	528	625
				LPM	1000	1166	1333	1499	1666	1799	1999	2366
	KW	HP		M ³ /H	60	70	80	90	100	108	120	142
PVMP(SS)90-1-1	11	15	Head (m)		31	30	28	26	23	21	16.5	-
PVMP(SS)90-1	15	20	Head (m)		38.5	36	35	33	31	29	26	18
PVMP(SS)90-2-2	18.5	25	Head (m)		62	60	57	53	48	42	35	-
PVMP(SS)90-2-1	22	30	Head (m)		71	68	65	60	56	50	44.5	29
PVMP(SS)90-2	30	40	Head (m)		81	77.5	74	70.5	66.5	62	56.5	42
PVMP(SS)90-3-2	37	50	Head (m)		104	100	95.5	89.5	83	75	65.5	42
PVMP(SS)90-3-1	37	50	Head (m)		114	110	104	98	91.5	83	75	53
PVMP(SS)90-3	45	60	Head (m)		125	120	115	108	102	94	86	67
PVMP(SS)90-4-2	45	60	Head (m)		147	142	135	127	118	109	95.5	-

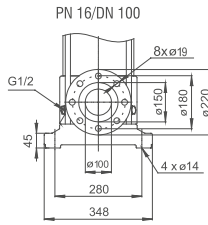
G.A Drawing



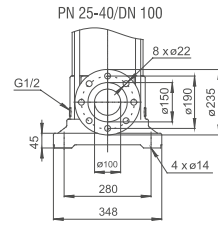
DIN FLANGE



DIN FLANGE (SS)



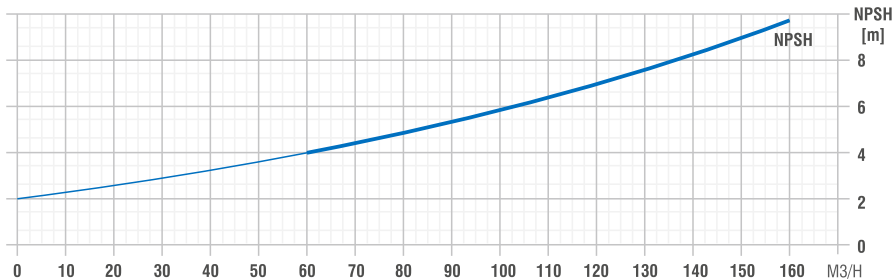
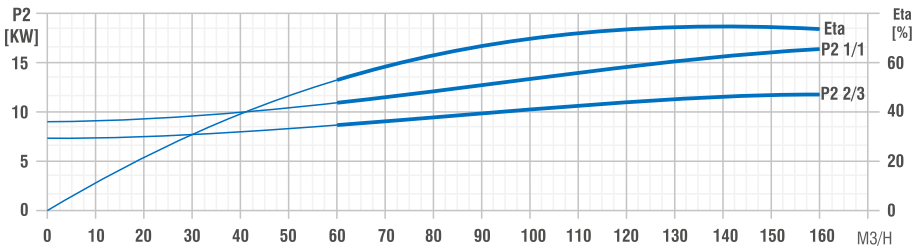
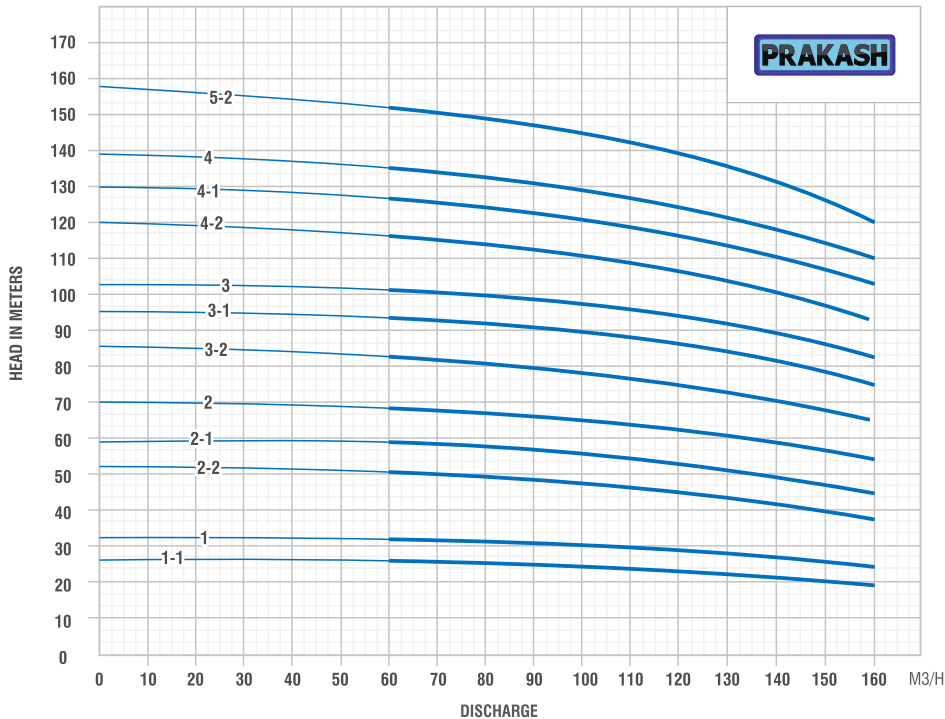
DIN FLANGE (SS)



Model	DIN Flange PVMP (SS)		D1	D2
	B1	B1+B2		
PVMP(SS)90-1-1	682	1188	330	255
PVMP(SS)90-1	682	1188	330	255
PVMP(SS)90-2-2	774	1335	330	255
PVMP(SS)90-2-1	774	1365	380	280
PVMP(SS)90-2	774	1435	420	305
PVMP(SS)90-3-2	866	1527	420	305
PVMP(SS)90-3-1	866	1527	420	305
PVMP(SS)90-3	866	1577	470	335
PVMP(SS)90-4-2	958	1669	470	335

NOTES:-
PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

HYDRAULIC PERFORMANCE CURVE PVMP120, 3500RPM, 60Hz

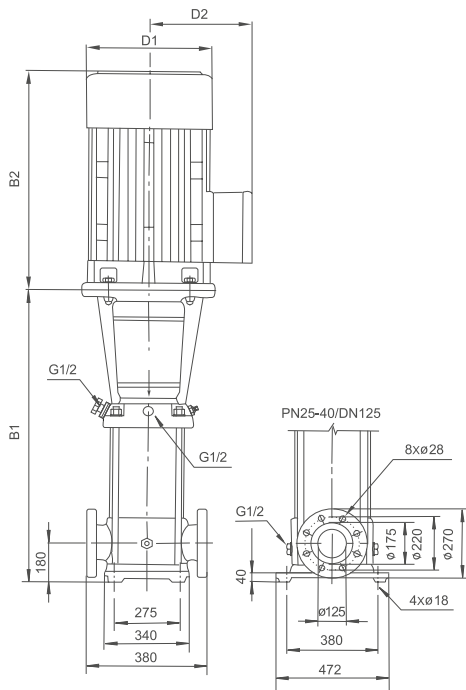


SERVICE AT YOUR DOOR STEP

Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US	264	308	352	396	440	484	258	572	616	660	704
				GPM											
	KW	HP		LPM	1000	1166	1333	1499	1666	1832	1999	2166	2332	2499	2666
				M ³ /H	60	70	80	90	100	110	120	130	140	150	160
PVMP(SS)120-1-1	15	20	Head (m)	26.5	26	25	24.5	23.8	23	22.5	21.5	21.3	21	20	
PVMP(SS)120-1	18.5	25	Head (m)	30.8	30.7	30.7	30.5	30.3	29.5	28.8	27.6	26.4	25.4	24.4	
PVMP(SS)120-2-2	30	40	Head (m)	51.5	50.5	49.5	47.5	46	45.5	44.8	43	41	39.7	38.5	
PVMP(SS)120-2-1	30	40	Head (m)	58.5	58	57.3	56	54.7	54	53	51.5	50	47.4	45	
PVMP(SS)120-2	37	50	Head (m)	66.3	66	65.7	65	64.4	63	62	60.7	59.6	57	54.6	
PVMP(SS)120-3-2	45	60	Head (m)	83	82	81	79.5	78	76	74.5	73.5	71	68.5	65	
PVMP(SS)120-3-1	45	60	Head (m)	91.3	91	90.4	89	87.7	86	84.4	82	80	76.7	73.3	
PVMP(SS)120-3	55	75	Head (m)	100.3	100	99.4	98.3	97.3	95.5	94	92	90	86.3	82.7	
PVMP(SS)120-4-2	75	100	Head (m)	116	115.5	114	113	111	109	105.5	104	100	97	93	
PVMP(SS)120-4-1	75	100	Head (m)	126	125.4	124.6	122.6	120.6	118.5	116.5	114	111.3	107	103	
PVMP(SS)120-4	75	100	Head (m)	134	133	132	131	129.5	127.5	125	122	119	114.5	109.5	
PVMP(SS)120-5-2	75	100	Head (m)	152	151	149.7	147	144	141.5	139	135.5	132	127	122	

G.A Drawing

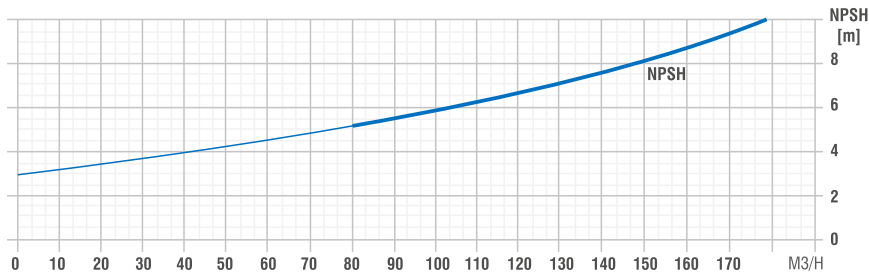
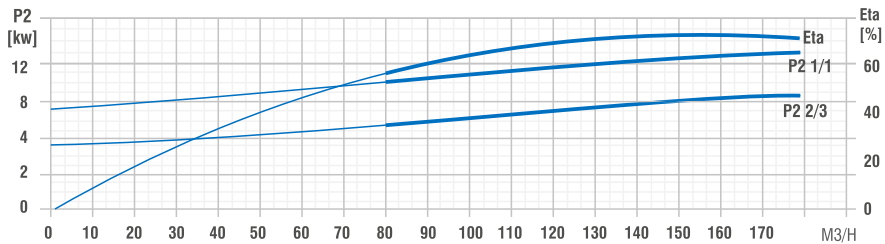
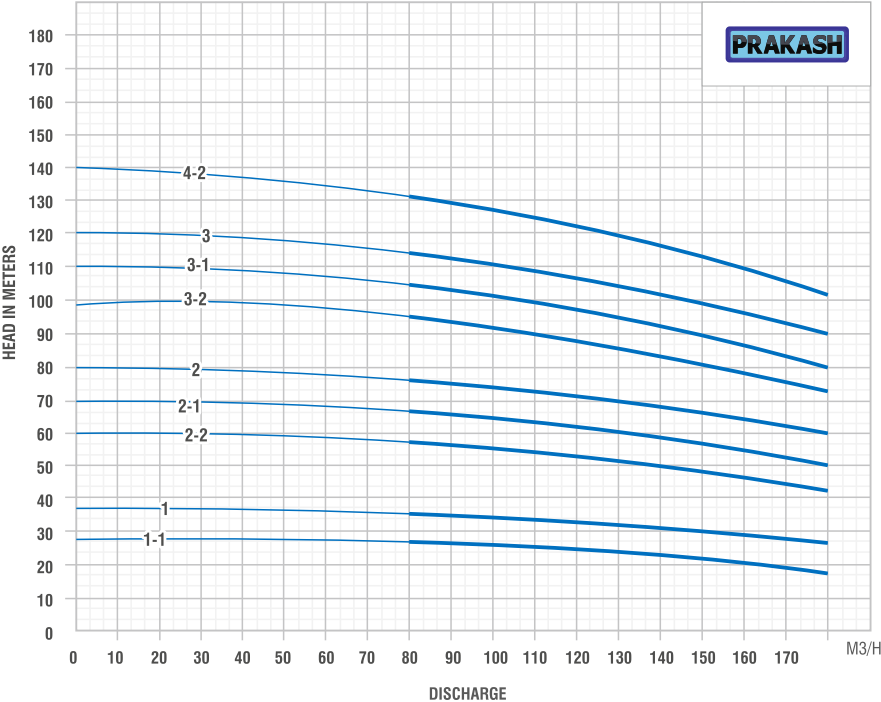


DIN FLANGE (SS)

Model	DIN Flange PVMP (SS)		D1	D2
	B1	B1 + B2		
PVMP(SS)120-1-1	840	1333	254	254
PVMP(SS)120-1	840	1400	330	330
PVMP(SS)120-2-2	1000	1680	420	420
PVMP(SS)120-2-1	1000	1680	420	420
PVMP(SS)120-2	1000	1680	420	420
PVMP(SS)120-3-2	1160	1875	470	470
PVMP(SS)120-3-1	1160	1875	470	470
PVMP(SS)120-3	1190	1975	510	510
PVMP(SS)120-4-2	1350	2195	580	580
PVMP(SS)120-4-1	1350	2195	580	580
PVMP(SS)120-4	1350	2195	580	580
PVMP(SS)120-5-2	1510	2355	580	580

NOTES:-
 PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
 PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

HYDRAULIC PERFORMANCE CURVE PVMP150, 3500RPM, 60Hz

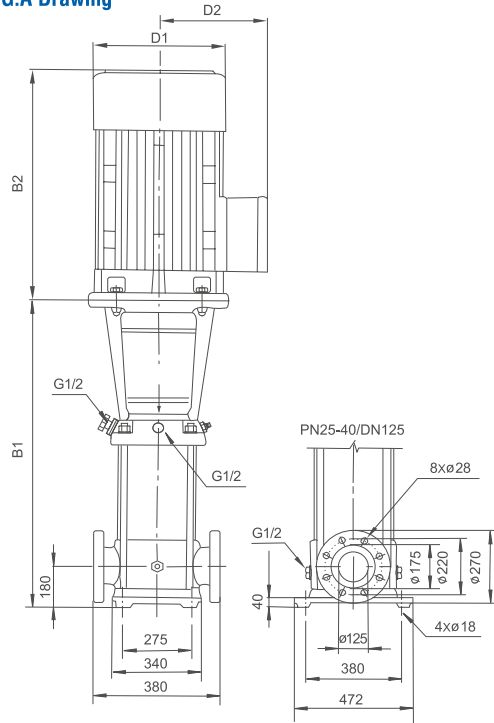


SERVICE AT YOUR DOOR STEP

Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US	352	396	440	484	258	572	616	660	704	748	792
				GPM											
	KW	HP		LPM	1333	1499	1666	1832	1999	2166	2332	2499	2666	283	2999
				M³/H	80	90	100	110	120	130	140	150	160	170	180
PVMP(SS)150-1-1	15	20	Head (m)		26.5	26	25.7	25	24.3	23.8	23.2	22.3	21.2	19.5	18
PVMP(SS)150-1	22	30	Head (m)		35	34.5	34	33.6	33	32.3	31.7	30.7	29.6	28	27
PVMP(SS)150-2-2	30	40	Head (m)		57	55.5	53	52	51.3	50	49	48	47	45	43
PVMP(SS)150-2-1	37	50	Head (m)		67	65	63.5	62	61	60	58.5	56	55	53	51
PVMP(SS)150-2	45	60	Head (m)		75.5	74.5	73.6	72	70.4	69	67.5	65.5	63.5	61	59
PVMP(SS)150-3-2	55	75	Head (m)		94	92	90.5	88.4	86.4	83.8	81	80	78	75.3	72.5
PVMP(SS)150-3-1	75	100	Head (m)		104	102.5	100	98	96	94	92	89	87	84	80
PVMP(SS)150-3	75	100	Head (m)		114.4	113	111.3	109	106.5	104	101.5	99	96	93	59.4
PVMP(SS)150-4-2	75	100	Head (m)		133	130.3	127.6	124.6	121.7	118.3	115	112.5	110	106.3	102.5

G.A Drawing

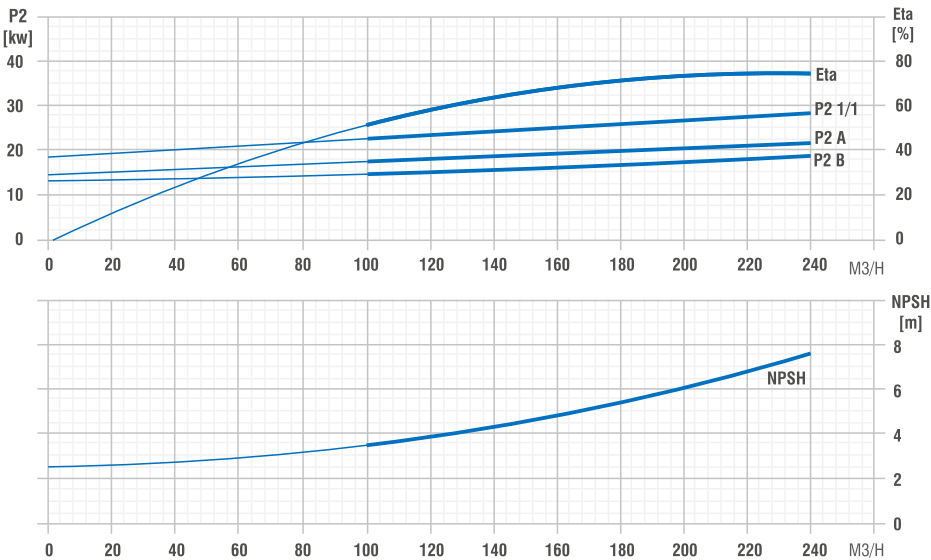
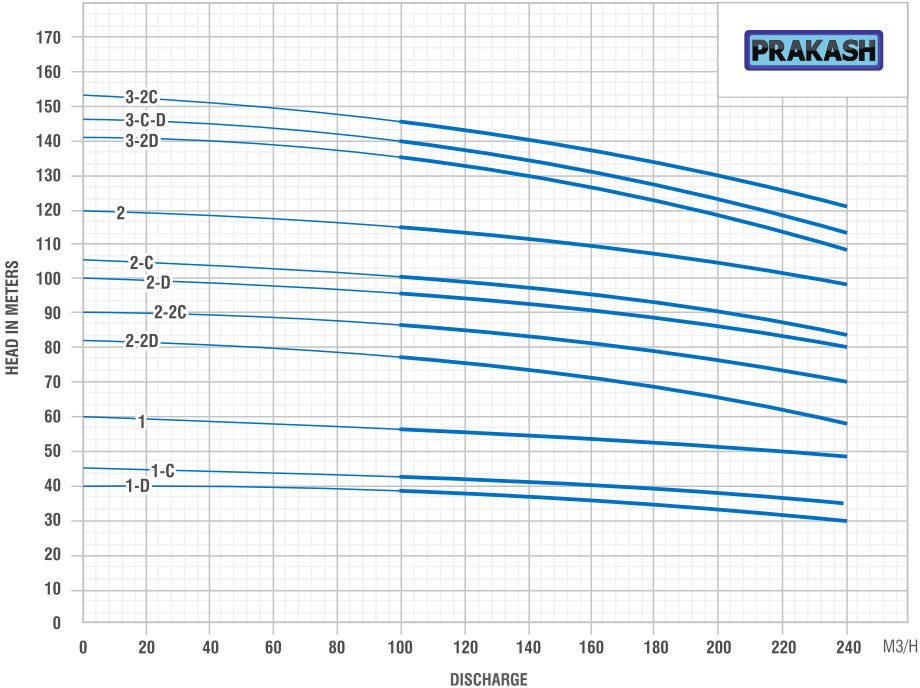


DIN FLANGE (SS)

Model	DIN Flange PVMP (SS)		D1	D2
	B1	B1 + B2		
PVMP(SS)150-1-1	840	1333	254	175
PVMP(SS)150-1	840	1440	380	280
PVMP(SS)150-2-2	1000	1680	420	305
PVMP(SS)150-2-1	1000	1680	420	305
PVMP(SS)150-2	1000	1715	470	335
PVMP(SS)150-3-2	1190	1975	510	370
PVMP(SS)150-3-1	1190	2035	580	410
PVMP(SS)150-3	1190	2035	580	410
PVMP(SS)150-4-2	1350	2195	580	410

NOTES:-
PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS

HYDRAULIC PERFORMANCE CURVE PVMP200, 3500RPM, 60Hz

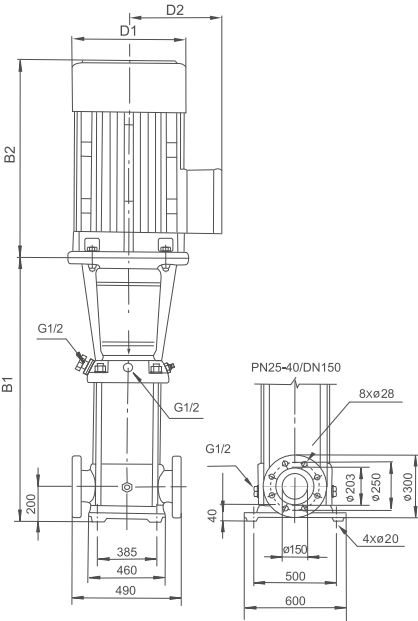


SERVICE AT YOUR DOOR STEP

Pump Performance Chart 60Hz, 3500RPM

Model	Power		Q	US GPM	440	528	616	704	792	880	968	1056
				LPM	1666	1999	2332	2666	2999	3332	3665	3998
	KW	HP		M ³ /H	100	120	140	160	180	200	220	240
PVMP(SS)200-1-D	30	40	Head (m)		38	37	36.5	35.5	34	33	31	29
PVMP(SS)200-1-C	37	50	Head (m)		43	42	41.5	40	39	38	36.5	34.5
PVMP(SS)200-1	45	60	Head (m)		56	55	54.5	53.5	53	52	50.5	48.5
PVMP(SS)200-2-2D	55	75	Head (m)		77.5	75.5	73.5	71	68.5	66	62	58.5
PVMP(SS)200-2-2C	75	100	Head (m)		87	85	83	81	79	77	74	70
PVMP(SS)200-2-D	75	100	Head (m)		95.5	93.5	92.5	90.5	88.5	86	82.5	79
PVMP(SS)200-2-C	90	120	Head (m)		100	98.5	97.5	95.5	93.5	91	88	84
PVMP(SS)200-2	90	120	Head (m)		114	112.5	111	109.5	107.5	105	101.5	98.5
PVMP(SS)200-3-2D	110	150	Head (m)		135	132.5	129.5	126	122.5	119	114	108.5
PVMP(SS)200-3-C-D	110	150	Head (m)		139	136.5	134	131	125	124	119	113.5
PVMP(SS)200-3-2C	110	150	Head (m)		145	142.5	140	137	133.5	130	125.5	120

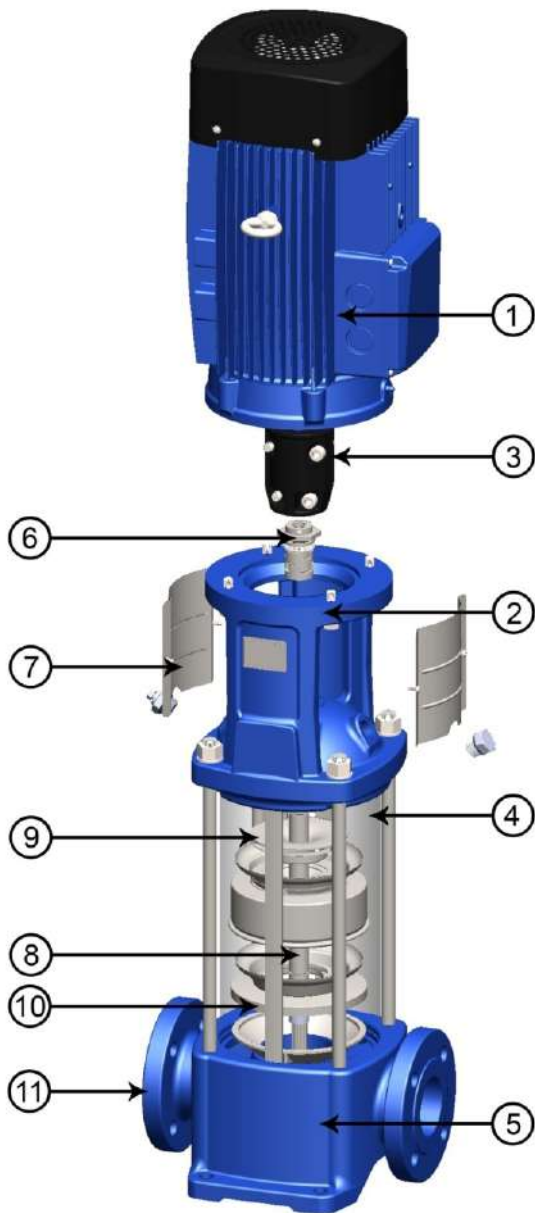
G.A Drawing



DIN FLANGE (SS)

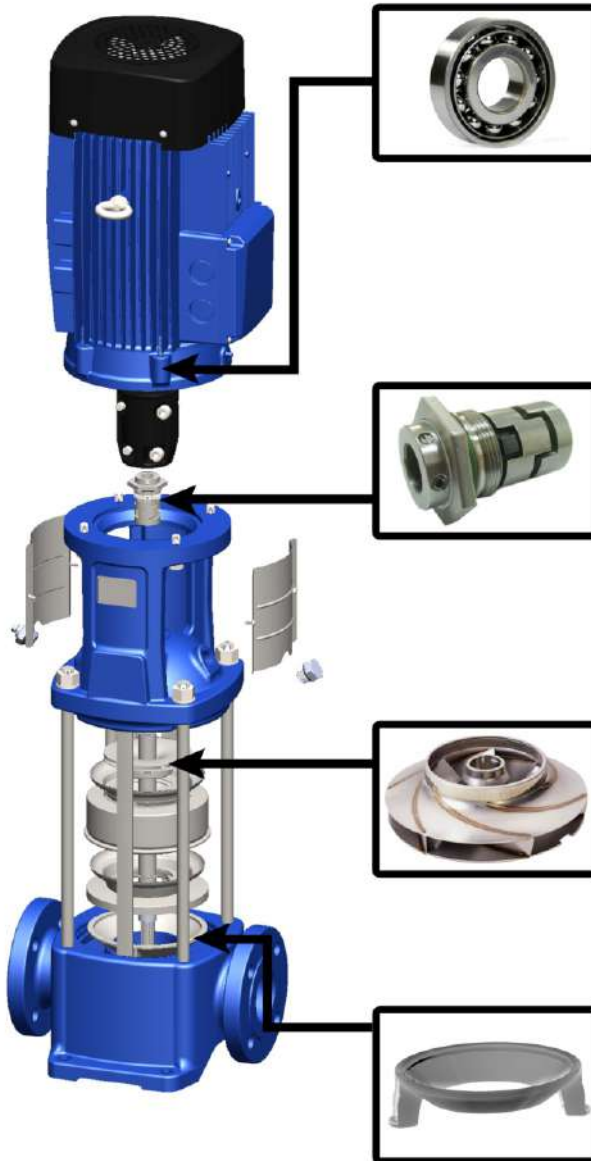
Model	DIN Flange PVMP (SS)		D1	D2
	B1	B1+B2		
PVMP(SS)200-1-D	907	1587	420	305
PVMP(SS)200-1-C	907	1587	420	305
PVMP(SS)200-1	907	1622	470	335
PVMP(SS)200-2-2D	1131	1916	510	370
PVMP(SS)200-2-2C	1131	1976	580	410
PVMP(SS)200-2-D	1131	1976	580	410
PVMP(SS)200-2-C	1131	2026	580	410
PVMP(SS)200-2	1131	2026	580	410
PVMP(SS)200-3-2D	1325	2425	645	530
PVMP(SS)200-3-C-D	1325	2425	645	530
PVMP(SS)200-3-2C	1325	2425	645	530

NOTES:-
PVMP = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL CAST IRON BASE AND PUMP COVER
PVMP(SS) = PRAKASH PUMP VERTICAL MULTISTAGE CENTRIFUGAL STAINLESS STEEL WETTED PARTS



MATERIAL OF CONSTRUCTION (MOC)

PART NUMBERS	DESCRIPTION
1	MOTOR High efficient IE2 motor Totally enclosed fan cooled Easy interchangeability
2	MOTOR BASE Grey cast iron with 1.5-4.3% carbon, 0.3-5% silicon, manganese, sulfur & phosphorus
3	COUPLINGS Cast iron based powder metallurgy
4	PUMP BODY Stainless steel AISI 304 with chromium 18-20%
5	PUMP BASE Grey cast iron with 1.5-4.3% carbon, 0.3-5% silicon, manganese, sulfur & phosphorus
6	MECHANICAL SEAL Stationary part: Graphite resist up to 500°C Dynamic part: Hard alloy fluorine rubber 'O' ring
7	GUARDING PLATE Stainless steel AISI 304 with chromium 18-20%
8	SHAFT Stainless steel AISI 304 with chromium 18-20%
9	IMPELLER High performance & high efficient design Small size with high reliable & corrosion resistance material
10	IMPELLER & DIFFUSER Stainless steel AISI 304 with chromium 18-20%
11	FITTINGS Flange standard to PN-16-25-40 Same size nozzle to avoid difficulties in piping's



HEAVY DUTY ANGULAR CONTACT BALL BEARING

Angular contact lower ball bearings have raceways in the inner and outer rings that are displaced relative to each other in the direction of the bearing axis. I.e. simultaneously acting radial and axial loads and Lower angular contact ball bearing protects to support bearing against up thrust and clogging vibrations..

MECHANICAL SEAL

6-hole mechanical seal for fixation with shaft and sleeve Stationary part is made of high Quality graphite with heat resistance up to 500°C. Dynamic part is made of hard alloy, which features high wear Resistance and heat shock resistance. Fluorine rubber o-ring, best medium resistance.

- *Quick change*
- *Easy installation*
- *Safe and reliable*

IMPELLER

Small-sized with efficient and reliable structure Continuous laser welding ensures good strength Good corrosion resistance High performance, high efficiency and long life.

PRIMARY DIFFUSER PLATE

Made in special investment cast process for good strength, good finishing, long life and corrosion free.

PRAKASH

Office in India

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PRAKASHPUMPEST

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