



Quality, Reliability, Life

Centrifugal Stainless Steel Pump

Pump
SS316



www.prakashpump.com

Application

This series is suitable for transporting clean media which are non-aggressive to stainless steel 316

- Water supply system
- Pressure boiler feeding
- Pure water treating system or R.O plant
- Refining & chemical industries
- Washing & sprinkling

Application Limits

- Liquid temperature : up to 90°C
- Ambient temperature : up to 40°C
- Max. suction : up to 8 m
- Max. operating pressure : 8 bar
- Liquid PH : 4-10
- Altitude : <1000m

Performance Range

- Flow : up to 15.6 m³/hr
- Head : up to 42m
- Power : 0.75kw to 2.2kw
- Speed : 2900 rpm

Product feature

Compact & nice in appearance while being efficient and low in voice. Our pumps have reliable seal which results in case of maintenance & use.

Pump Selection Chart

Model		Power		Voltage (v) AT 50Hz	Inlet x Outlet	Max. Flow (m3/h)	Max. Head (m)	Max. Suction (m)
Single Phase	Three Phase	KW	HP					
P70/0.75SS316	P70/0.75T SS316	0.75	1.0	220-240V & 380-420V	1.25" x 1"	7.2	25	8
P70/1.1 SS316	P70/1.1T SS316	1.1	1.5	220-240V & 380-420V	1.25" x 1"	9.6	34	8
P70/1.5 SS316	P70/1.5T SS316	1.5	2.0	220-240V & 380-420V	1.25" x 1"	10.8	39	8
P120/0.75 SS316	P120/0.75T SS316	0.75	1.0	220-240V & 380-420V	1.25" x 1"	10.8	22	8
P120/1.1 SS316	P120/1.1T SS316	1.1	1.5	220-240V & 380-420V	1.25" x 1"	10.8	30	8
P120/1.5 SS316	P120/1.5T SS316	1.5	2.0	220-240V & 380-420V	1.25" x 1"	10.8	35	8
P120/2.2 SS316	P120/2.2T SS316	2.2	3.0	220-240V & 380-420V	1.25" x 1"	10.8	42	8
P200/1.5 SS316	P200/1.5T SS316	1.5	2.0	220-240V & 380-420V	1.5" x 1"	15.6	30	8
P200/2.2 SS316	P200/2.2T SS316	2.2	3.0	220-240V & 380-420V	1.5" x 1"	15.6	33	8

Pump Dimension Chart

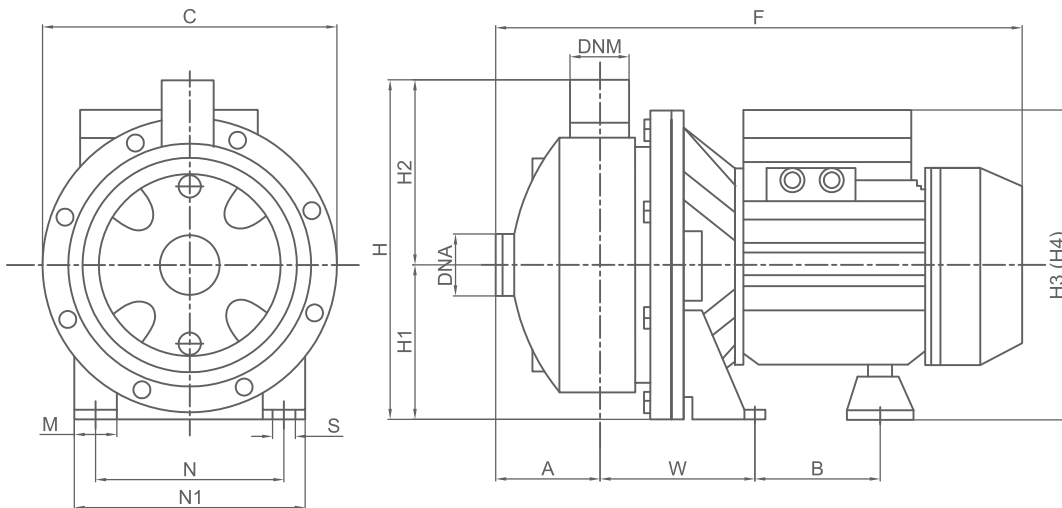
Model		DIMENSIONS IN MM																
Single Phase	Three Phase	A	C	F	H	H1	H2	H3	H4	M	N	N1	S	W	B	DNA	DNM	N.W
P70/0.75 SS316	P70/0.75T SS316	53	213	327	232	108	124	211	210	39	120	160	9	93	76	G1 1/4"	G1"	10
P70/1.1 SS316	P70/1.1T SS316	53	213	370	232	108	124	248	222	39	120	160	9	93	82	G1 1/4"	G1"	14.8
P70/1.5 SS316	P70/1.5T SS316	53	235	383	252	120	132	260	234	39	140	180	9	96	90	G1 1/4"	G1"	15.8
P120/0.75 SS316	P120/0.75T SS316	53	213	327	232	108	124	211	210	39	120	160	9	93	76	G1 1/4"	G1"	
P120/1.1 SS316	P120/1.1T SS316	53	213	370	232	108	124	248	222	39	120	160	9	93	82	G1 1/4"	G1"	
P120/1.5 SS316	P120/1.5T SS316	53	235	383	252	120	132	260	234	39	140	180	9	96	90	G1 1/4"	G1"	18.1
P120/2.2 SS316	P120/2.2T SS316	53	235	383	252	120	132	260	234	39	140	180	9	96	90	G1 1/4"	G1"	
P200/1.5 SS316	P200/1.5T SS316	54	213	371	232	108	124	248	222	39	120	160	9	93	79	G1 1/2"	G1"	
P200/2.2 SS316	P200/2.2T SS316	54	213	371	232	108	124	248	222	39	120	160	9	93	79	G1 1/2"	G1"	

Note : H3 for single-phase motors and H4 for three-phase motors.

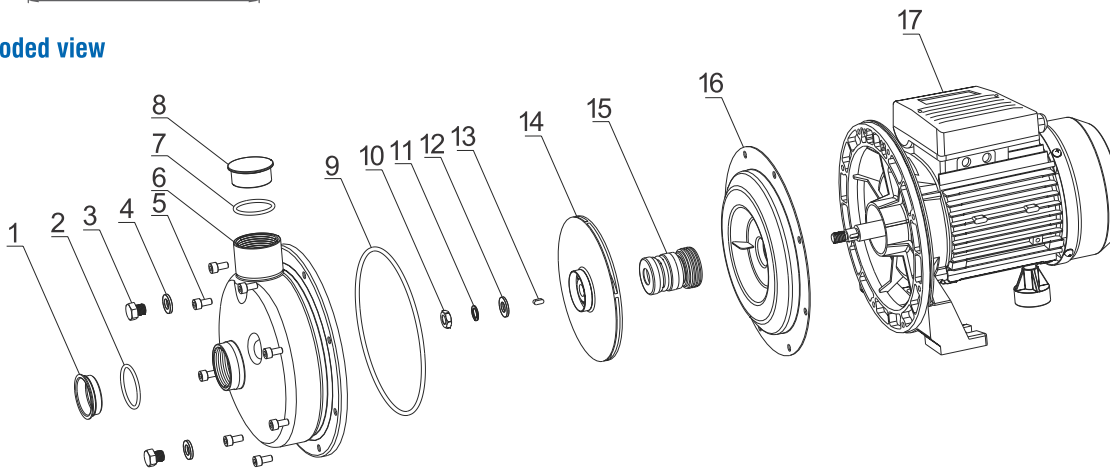
Centrifugal Stainless Steel Pump

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G.A. Drawing



Exploded view



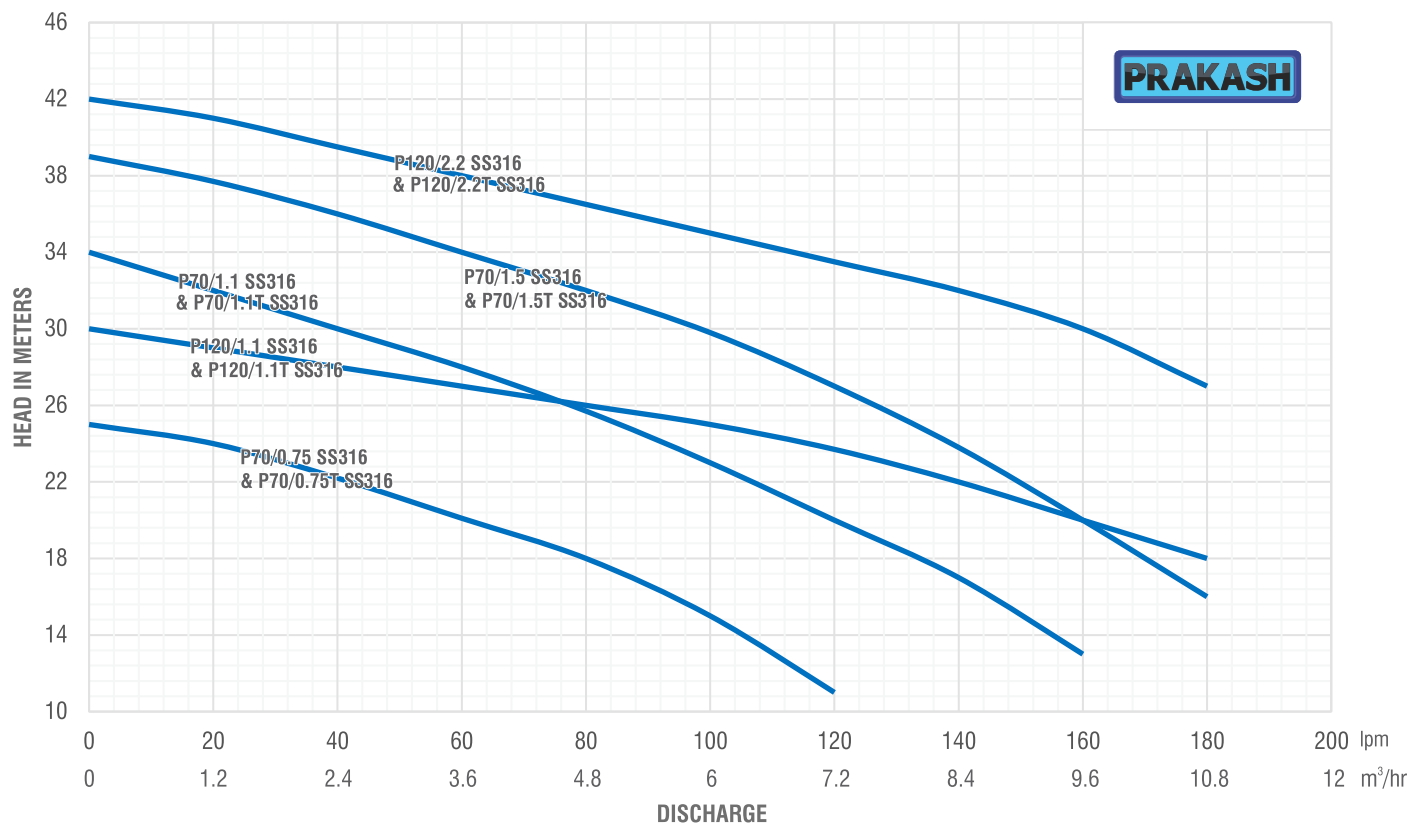
Material Of Construction (MOC)

Code no.	Parts name	Material	Code no.	Parts name	Material
1	Dust cap	Plastic	10	Hexagonal nut	SS316
2	O-ring	NBR	11	Spring washer	SS316
3	Plug	SS316	12	Plan washer	SS316
4	Plan washer	SS316	13	Key	SS316
5	Allen hexagonal bolt	SS316	14	Impeller	SS316
6	Pump housing/Body	SS316	15	Mechanical seal	Sic/Viton/SS
7	O-ring	NBR	16	Pump cover	SS316
8	Dust cap	Plastic	17	Motor	AL
9	O-ring	NBR/EPDM			

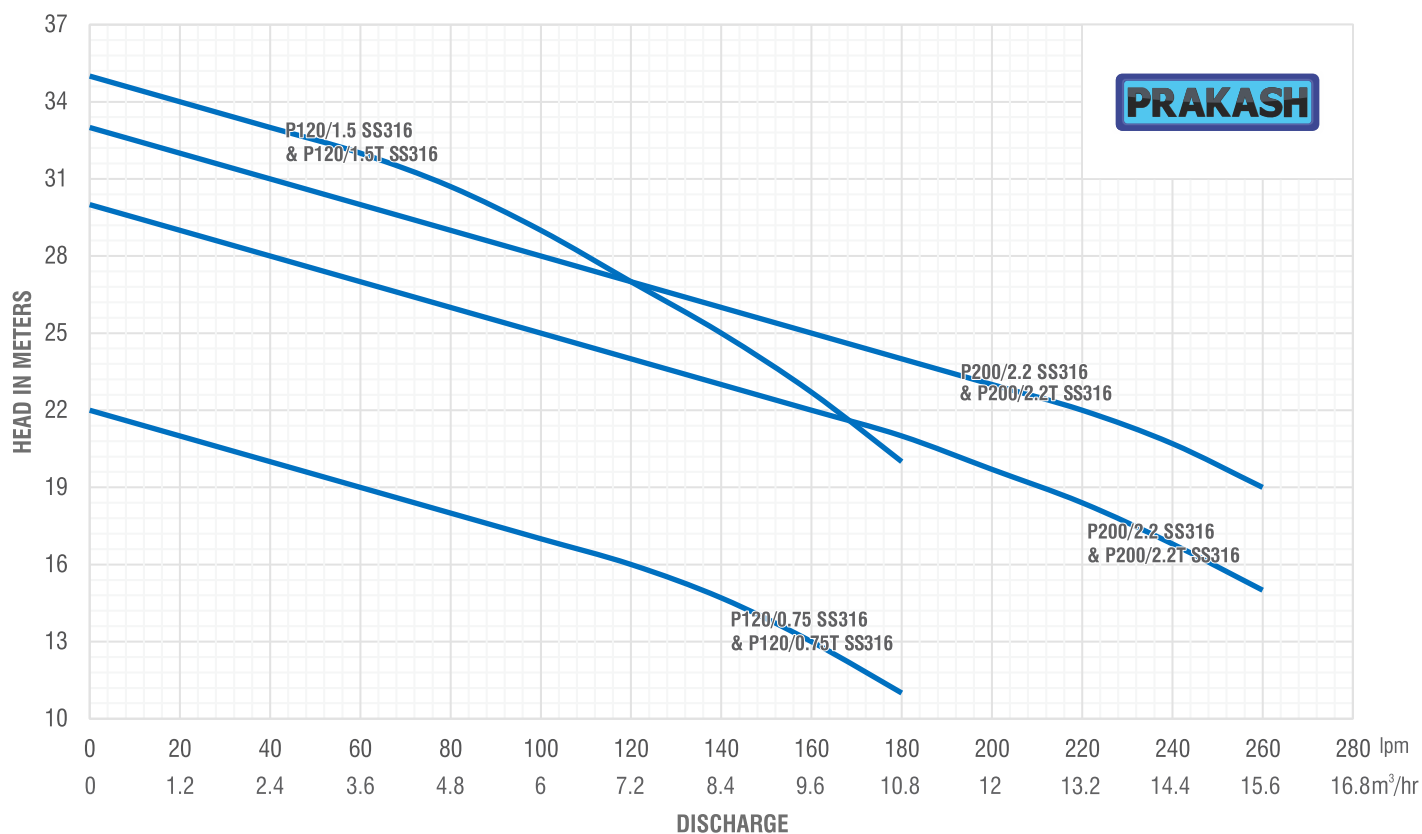
Performance Chart

Model		Power		Q	US GPM	0	5	11	16	21	26	32	37	42	48	53	58	63	69
					M ³ /H	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0	13.2	14.4	15.6
Single Phase	Three Phase	KW	HP		LPM	0	20	40	60	80	100	120	140	160	180	200	220	240	260
P70/0.75 SS316	P70/0.75T SS316	0.75	1.0	Head (m)	25	24	22	20	18	15	11								
P70/1.1 SS316	P70/1.1T SS316	1.1	1.5	Head (m)	34	32	30	28	26	23	20	17	13						
P70/1.5 SS316	P70/1.5T SS316	1.5	2.0	Head (m)	39	37	36	34	32	30	27	23	20	16					
P120/0.75 SS316	P120/0.75T SS316	0.75	1.0	Head (m)	22	21	20	19	18	17	16	15	13	11					
P120/1.1 SS316	P120/1.1T SS316	1.1	1.5	Head (m)	30	29	28	27	26	25	24	22	20	18					
P120/1.5 SS316	P120/1.5T SS316	1.5	2.0	Head (m)	35	34	33	32	31	29	27	25	23	20					
P120/2.2 SS316	P120/2.2T SS316	2.2	3.0	Head (m)	42	41	39	38	36	35	33	32	30	27					
P200/1.5 SS316	P200/1.5T SS316	1.5	2.0	Head (m)	30	29	28	27	26	25	24	23	22	21	19	18	17	15	
P200/2.2 SS316	P200/2.2T SS316	2.2	3.0	Head (m)	33	32	31	30	29	28	27	26	25	24	23	22	21	19	

HYDRAULIC PERFORMANCE CURVE CENTRIFUGAL STAINLESS STEEL PUMP 2900RPM, 50Hz



HYDRAULIC PERFORMANCE CURVE CENTRIFUGAL STAINLESS STEEL PUMP 2900RPM, 50Hz



PRAKASH

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To get
Quotation by email



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