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Reciprocating Positive Displacement Pumps (Piston Pumps)

GPP Series































 Reciprocating Positive Displacement Pumps (Piston Pumps)

GPP Series

Function:

GPP is a series of Piston Pumps with positive displacement and double action. It is self-priming, smooth running pump offering a longer operational life.

Application:

These pumps are suitable for homes, hotels, flats, small farm houses, car washing and construction sites, etc.

Material of Construction:

Main Body, Head, Pulley, Bracket and Piston in Cast Iron. Piston Rod and Cylinder in S.S., Crank Shaft in super finish S.G. Iron, Gland Nut in Brass and abrasion proof silently working Robber Valves fitted on easily accessible ABS-Plastic/Cast Iron Valve Plate with seats in S.S./ Brass. All Gaskets are in Rubber and Rocker Rail in Galvanized Mild Steel with insulation bushes to avoid the flow of current from a short circuit motor to the pump and pipe lines (GPP1). These pumps have built in safety valves for user's safety.

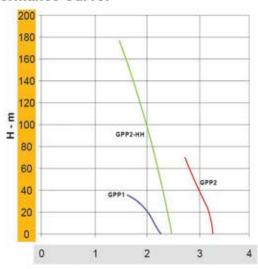
Installation:

Always prim e the pump before first start up. Fill up lubricating oil chamber according to oil gauge before operation.

Pump Performance Data:

Capacity: 3.2 m³/h (max.)
Head: 175 m (max.)
Suction: 8 m (max.)
Ambient Temperature: +50°C (max.)
Liquid Temperature: +60°C (max.)
Pump Pulley Speed: 290 ~ 310 RPM

Performance Curve:



Q - m³/h

Performance Chart:

Model	Motor		otor ey Size	Belt		Q - Capacity (m³/h - US gpm - lpm)														
						1.6	1.7	1.8	1.9	2	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3	3.1	3.2
						6.8	7.3	7.9	8.4	8.9	9.5	10	10.5	11	11.6	12.1	12.6	13.2	13.7	14.2
	НР	kW	E B E E E	Туре	No.	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54
							H - Total Head (m) @ 2900 RPM													
GPP1	0.5	0.37	2"	36-A	1			35	32	23	2									
GPP2	2	1.5	3"	48/49-A	2											67	55	37	19	2
GPP2-HH	3	2.2				175	160	140	112	86	54	26	2							

Dimension Table:

Model	DNa	DNm	Α	В	C	D	E	F	G	Н	1	J	K	L	M	N	0	P	Q	R	S	T	Weight (kg)
GPP1	1"	1"	528	114	42.5	226	145	147	120	18.5	38	63	52	210	255	422	74	129	49	82	62	242	25
GPP2/GPP2-HH	1.25*	1.25"	678	129	59	312	160	198	154	13.5	80	82	80	275	361	557	80	160	56	142	32	355	60