



Quality, Reliability, Life

Clean Water Pump 60Hz



www.prakashpump.com

Applications

- House hold water supply
- Garden watering
- Pressure boosting system
- Agriculture
- Irrigation

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Max. operating pressure : 10 bar
- Max. immersion depth : up to 8 m
- Liquid PH : 6.5-8.5

Feature and Benefits

- Light weight, compact design for easy transport and positioning of pump.
- Built-in thermal protection prevent motor from overloading, overheating.
- Chrome plated shaft ensure high corrosion resistant and durability.

Performance Range

- Flow : up to 1100 LPM
- Head : up to 42m
- Speed : 3450 RPM
- Power : 0.37 - 1.5 kW

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IPX8 / IP68
- Insulation class : F
- Voltage : 220-240v, 60Hz
- Thermal protection : built-in

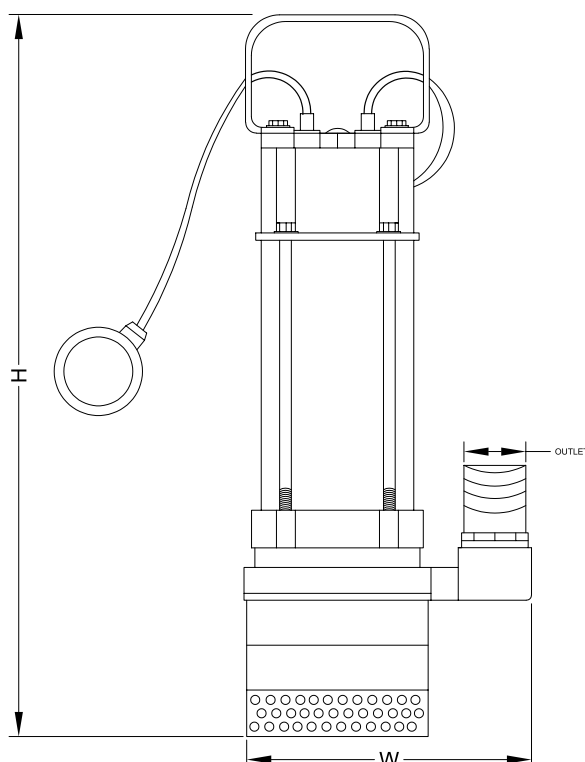
Installation and use

This model of pump is characterized with high heads, compact size, light weight and convenient use and vastly used In high-position water delivery, flush and places as construction sites. The float switch can automatically control on and off with the change of the water level. The protector in the motor can automatically cut off the power when it overheat or over current.

Pump Selection Chart

Model	Power		Pump Size		Cable (mm ² / Mtr.)	Voltage/ 60Hz	Outlet (Inch)	Max. Flow (LPM)	Max. Head (m)	Net Weight (Kg)
	Kw	HP	H (mm)	W (mm)						
PCWP7-9-0.37F	0.37	0.5	380	152	3Cx0.75 / 6m	220-240v	1.25"	150	7	4.6
PCWP6-18-0.37FB	0.37	0.5	362	200	3Cx0.75 / 10m	220-240v	1"	100	18	9.8
PCWP8-33-0.75FB	0.75	1.0	426	240	3Cx0.75 / 10m	220-240v	1"	117	33	16.6
PCWP15-28-1.1F	1.1	1.5	510	235	3Cx2.0 / 10m	220-240v	2"	250	28	21.2
PCWP14-42-1.5F	1.5	2.0	570	230	3Cx2.0 / 10m	220-240v	2"	234	42	25.6
PCWP40-7-1.1F	1.1	1.5	510	280	3Cx2.0 / 10m	220-240v	3"	900	10	22.8
PCWP40-9-1.5F	1.5	2.0	550	265	3cx2.0 / 10m	220-240v	3"	1100	13.5	25.5

G.A Drawing

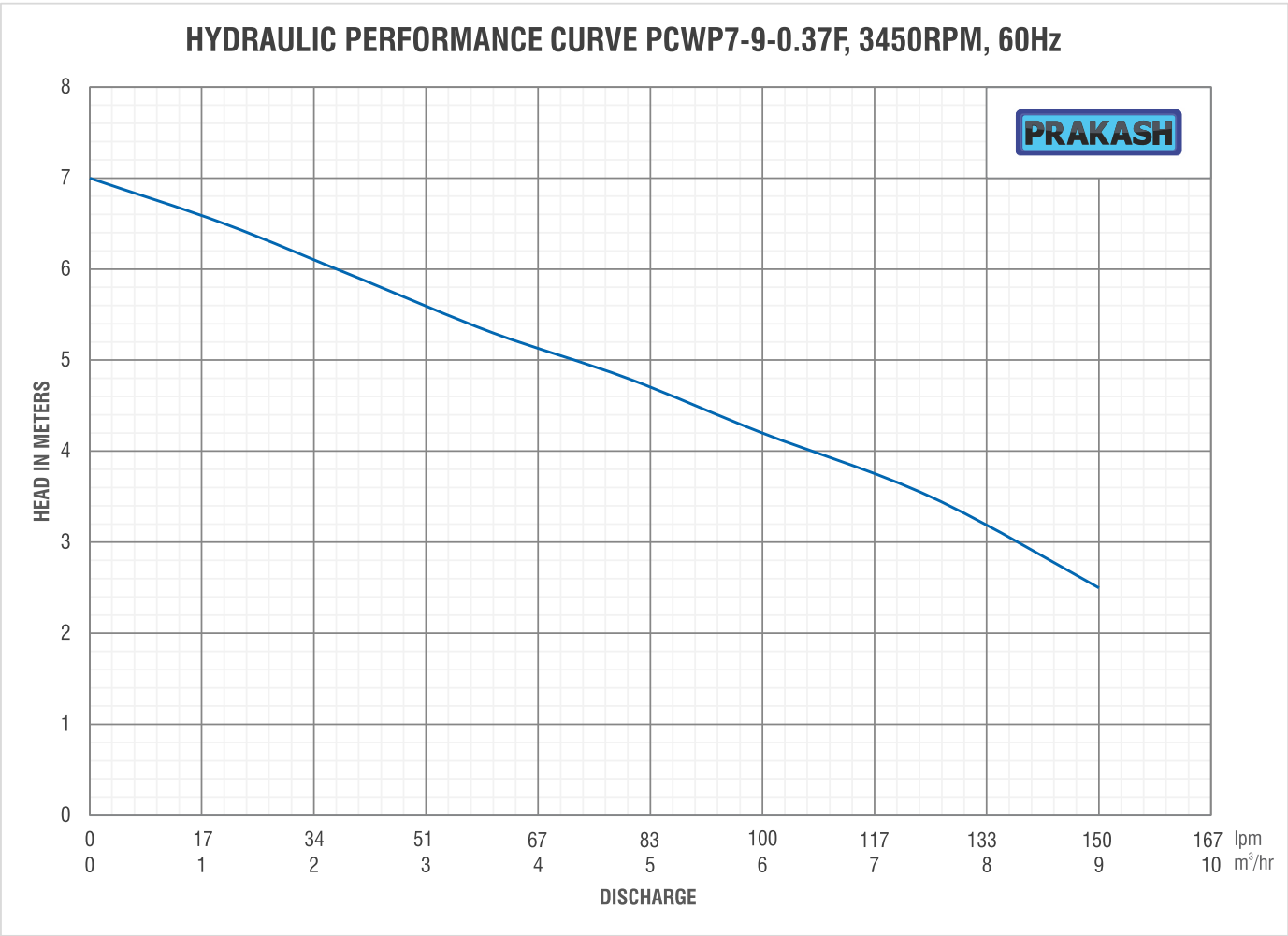


Pump Performance Chart

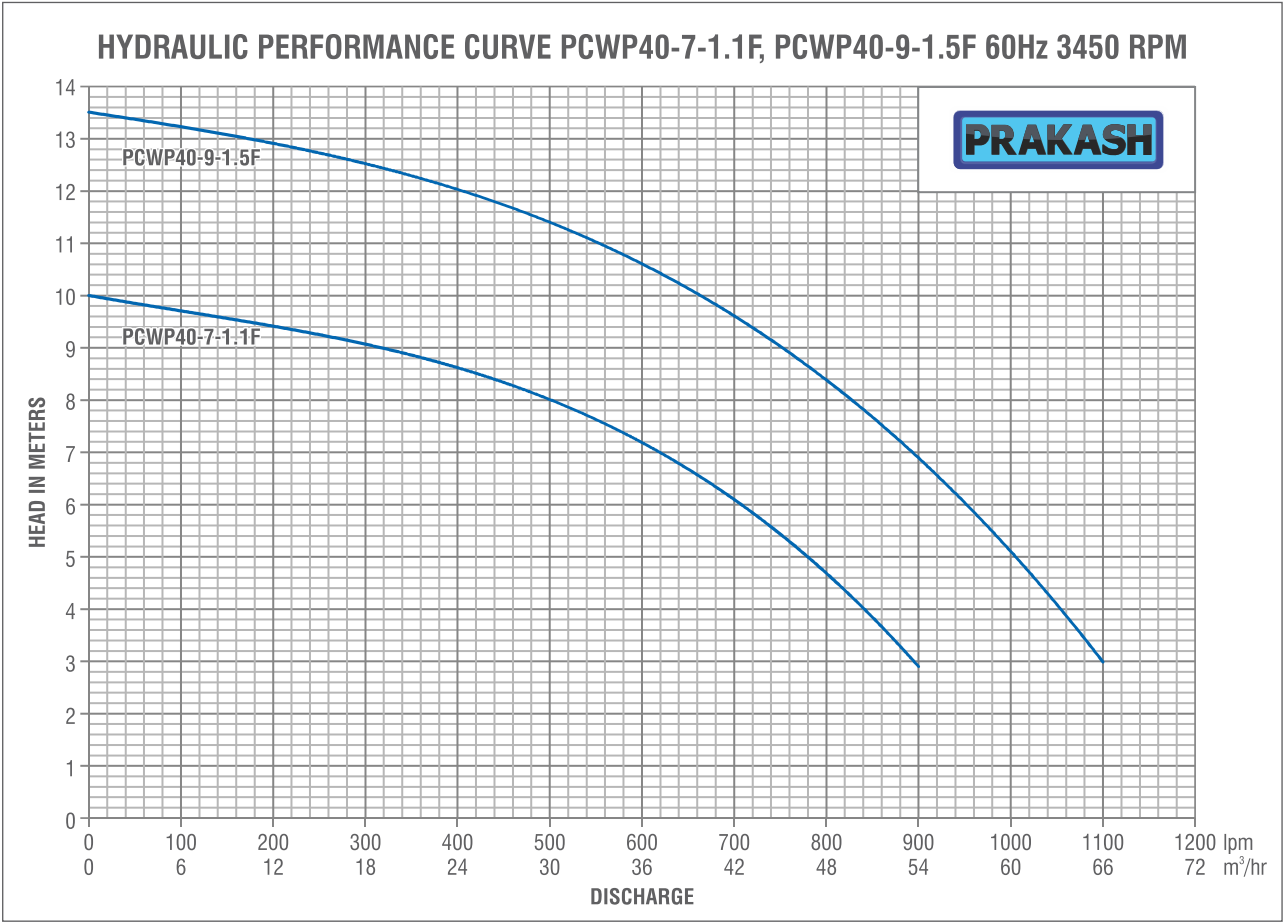
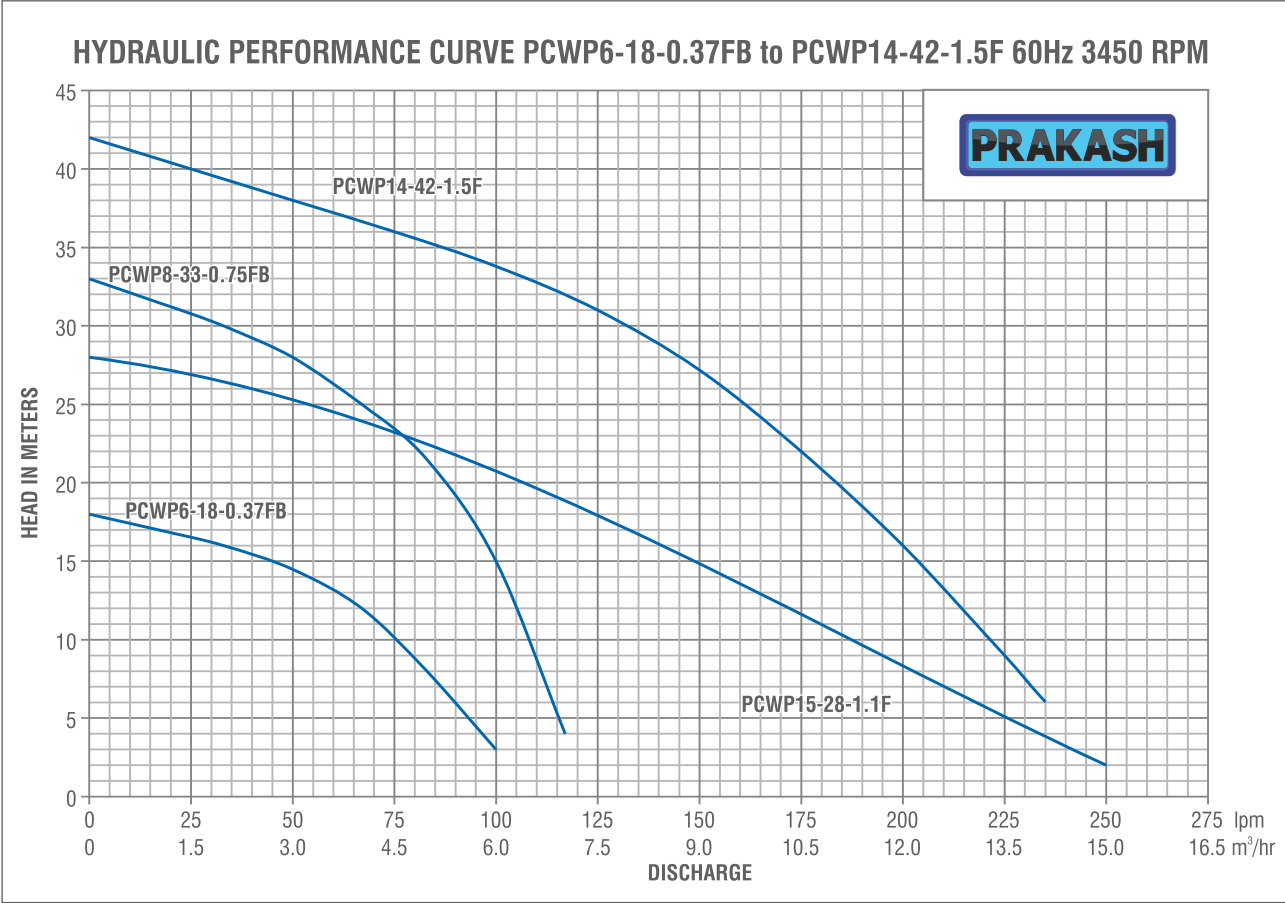
Model	Power		Q	US GPM	0	4	9	13	18	22	26	31	35	40
				M3/H	0	1	2	3	4	5	6	7	8	9
	KW	HP		LPM	0	17	33	50	67	83	100	117	133	150
PCWP7-9-0.37F	0.37	0.5	Head (m)		7	6.6	6.1	5.6	5.1	4.7	4.2	3.8	3.2	2.5
PCWP6-18-0.37FB	0.37	0.5	Head (m)		18	17	16	14.5	12	8	3			
PCWP8-33-0.75FB	0.75	1.0	Head (m)		33	31.5	30	28	25	21.5	15	4		

Model	Power		Q	US GPM	0	7	13	20	26	33	40	46	53	62	66
				M3/H	0	1.5	3	4.5	6	7.5	9	10.5	12	14	15
	KW	HP		LPM	0	25	50	75	100	125	150	175	200	234	250
PCWP15-28-1.1F	1.1	1.5	Head (m)		28	27	25.5	23.5	20.5	17.5	14	10	6	4	2
PCWP14-42-1.5F	1.5	2.0	Head (m)		42	40	38	36	34	31	27.5	22	16	6	

Model	Power		Q	US GPM	0	26	53	79	106	132	159	185	211	238	246	291
				M3/H	0	6.0	12	18.0	24	30.0	36	42.0	48	54.0	60	66
	KW	HP		LPM	0	100	200	300	400	500	600	700	800	900	1000	1100
PCWP40-7-1.1F	1.1	1.5	Head (m)		10	9.7	9.5	9	8.5	8	7.5	6	4.5	3		
PCWP40-9-1.5F	1.5	2.0	Head (m)		13.5	13.2	13	12.5	12	11.5	10.5	9.5	8.5	7	5	3



Performance Curve



PRAKASH

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