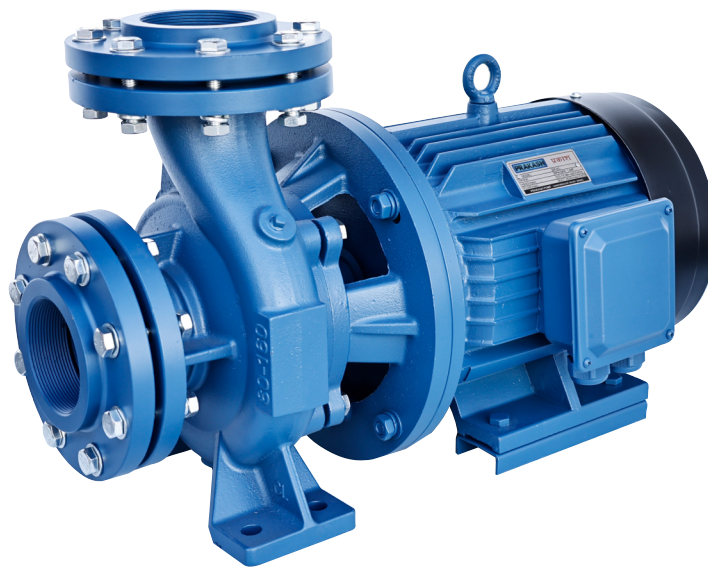




Quality, Reliability, Life

Centrifugal Monoblock Pump 60Hz



www.prakashpump.com

Application

- Agricultural, Industries, Plant
- Irrigation of fields/farms
- Hot & cold water circulation
- Housing complexes
- Fire fighting system
- Community Water supply

Material of Construction (MOC)

- Pump body : Cast iron
- Bracket : Cast iron
- Impeller : Cast iron
- Shaft : Stainless steel 1045/304
- Mechanical seal : Sic/Ceramic/NBR

Application Limits

- Liquid temperature : up to 105°C
- Ambient temperature : up to 40°C
- Max. suction : up to 8 m
- Max. operating pressure : 10 bar
- Liquid PH : 6-8
- Altitude : <1000m

Motor Details

- 2 Pole induction motor (TEFC)
- 100% Copper winding
- Protection class : IPX4 / IP54
- Insulation class : F
- Voltage : 380-420v, 60Hz

Performance Range

- Flow: up to 90 m³/h
- Head: up to 44m
- Speed: 3500 RPM
- Power: 4.0Kw -11Kw

Installation and use

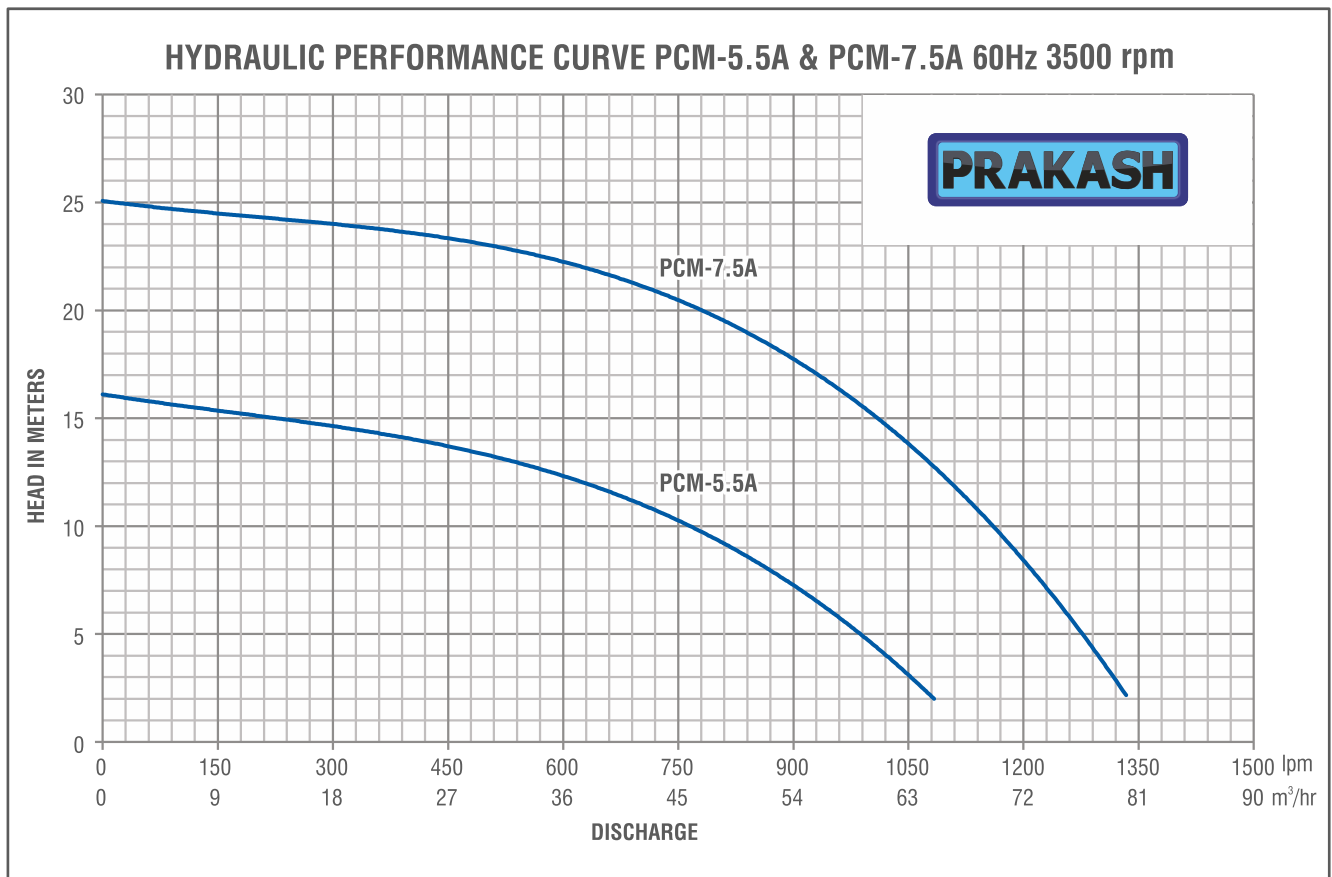
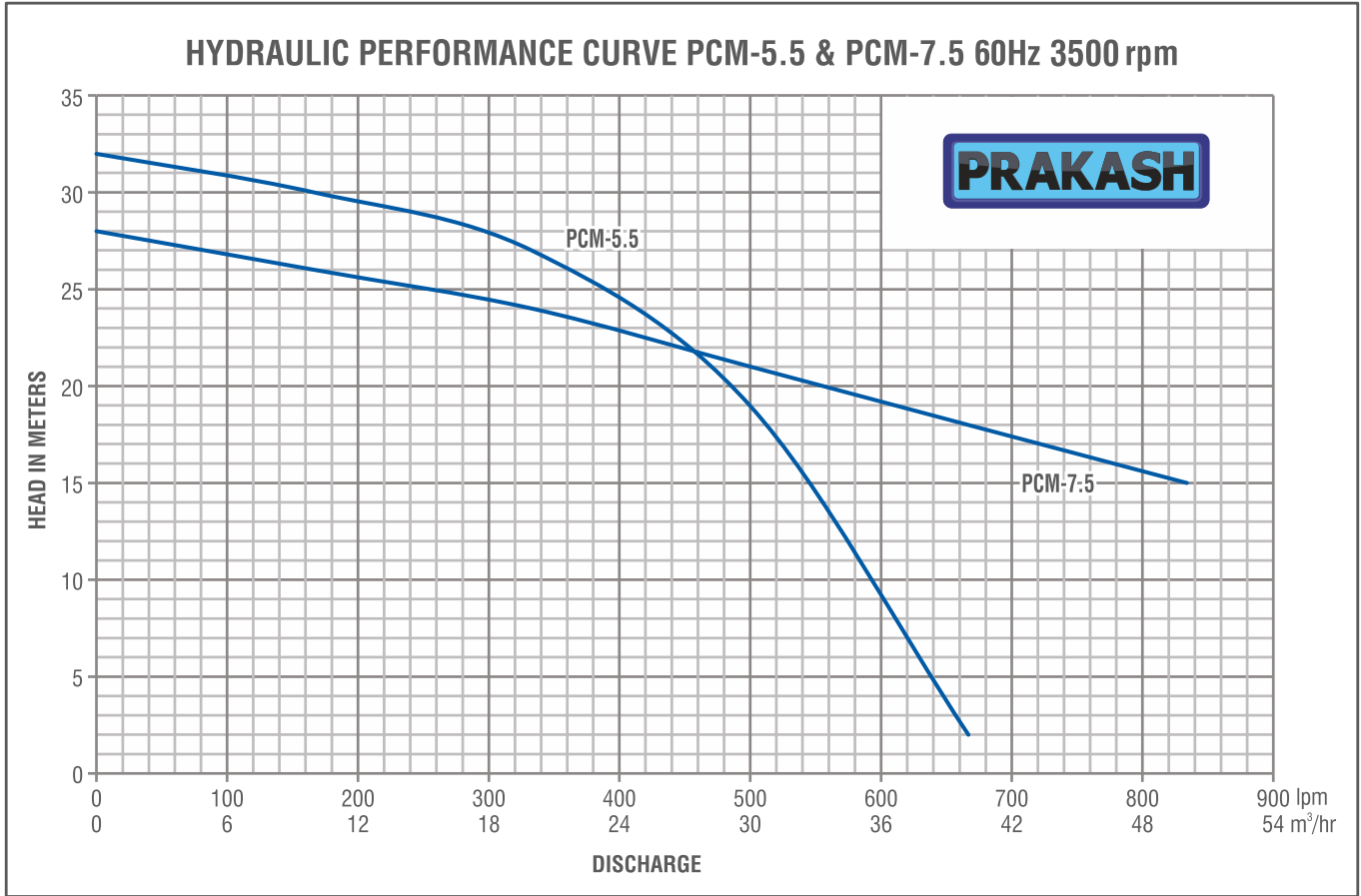
These pumps are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids and thanks to it Special design which allows back pull out of the motor and the rotary parts of the pump can be easily and conveniently used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system heating, conditioning and any other service requiring transfer of clean liquids.

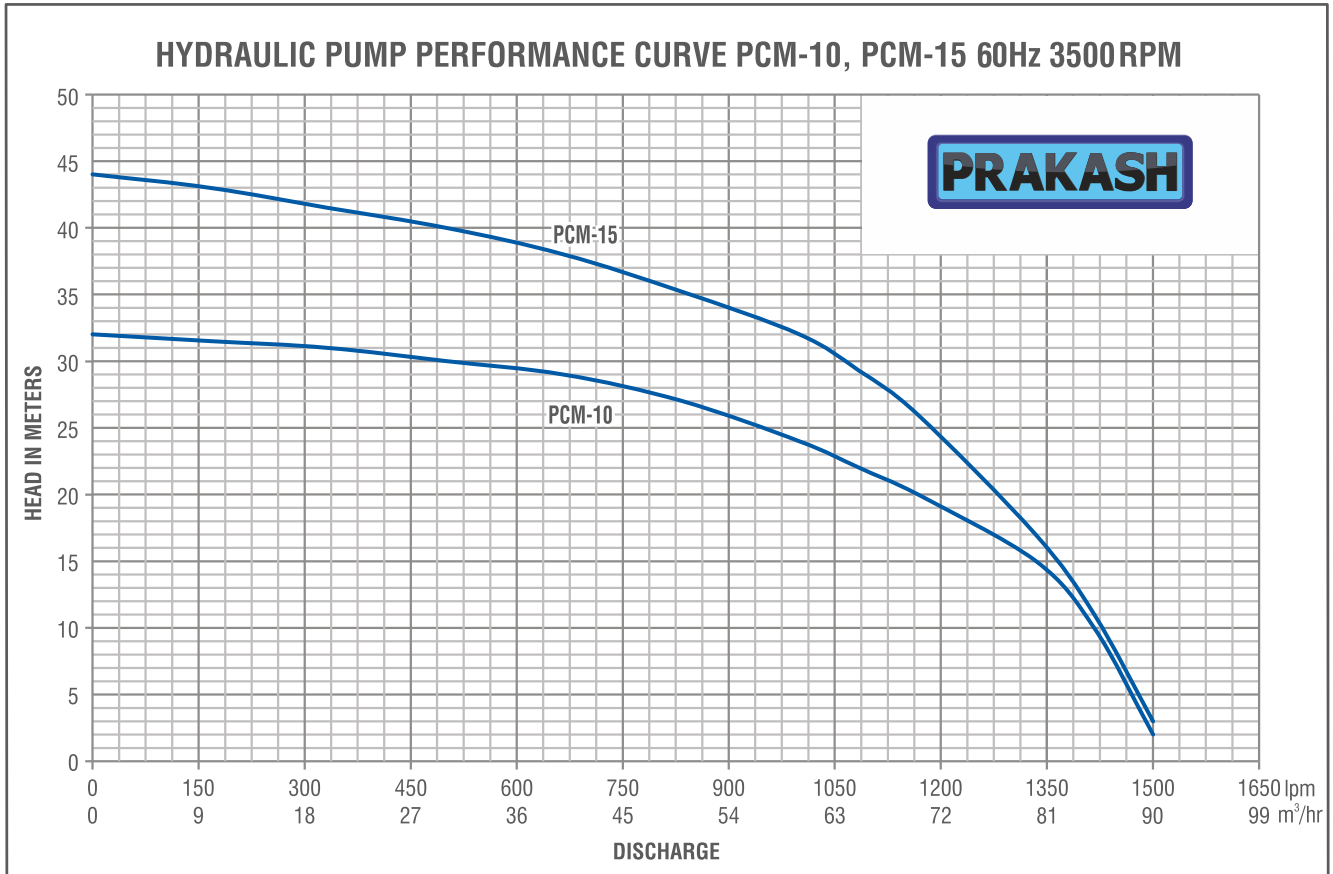
Pump Selection Chart

Model	Power		Volt / 60Hz	Phase	Inlet x Outlet	Speed (RPM)	Max. Flow (m ³ /h)	Max. Head (m)
	KW	HP						
PCM-5.5	4.0	5.5	380-420	3 Φ	2.5" x 2.5"	3500	40	32
PCM-5.5A	4.0	5.5	380-420	3 Φ	3" x 3"	3500	66	16
PCM-7.5	5.5	7.5	380-420	3 Φ	2.5" x 2.5"	3500	50	28
PCM-7.5A	5.5	7.5	380-420	3 Φ	3" x 3"	3500	80	25
PCM-10	7.5	10	380-420	3 Φ	3" x 3"	3500	90	32
PCM-15	11	15	380-420	3 Φ	3" x 3"	3500	90	44

Performance Chart

Model	Power		Q	US GPM	0	44	88	132	176	220	264	286	308	352	374	396
	KW	HP		M ³ /H	0	10	20	30	40	50	60	65	70	80	85	90
				LPM	0	167	333	500	667	834	1000	1084	1167	1334	1417	1500
PCM-5.5	4.0	5.5	Head (meters)	32	30	27	19	2								
PCM-7.5	5.5	7.5	Head (meters)	28	26	24	20	18	15							
PCM-10	7.5	10	Head (meters)	32	31.5	31	30	29	27	24	22	20	15	10	2	
PCM-15	11	15	Head (meters)	44	43	41.5	40	38	35	32	29.5	26	17	11	3	
PCM-5.5A	4.0	5.5	Head (meters)	16	15.5	14.5	13	12	10	4	2					
PCM-7.5A	5.5	7.5	Head (meters)	25	24.5	24	23	22	19	15	13	12	2			





PRAKASH

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