

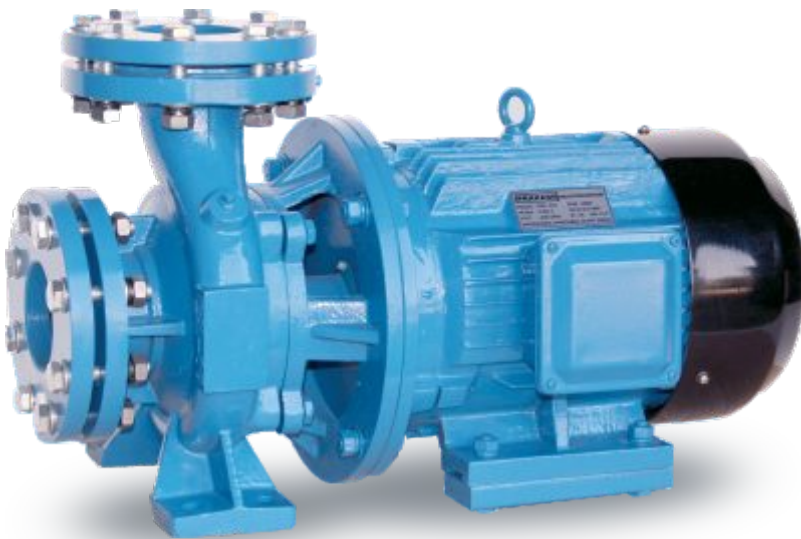


PRAKASH

Worldwide

Quality, Reliability, Life

CENTRIFUGAL MONOBLOCK PUMP FOR AGRICULTURE



Centrifugal Monoblock Pump for Agriculture

Applications

- Agricultural
- Irrigation of Fields/Farms
- Industries
- Housing complexes
- Fire fighting system
- Community water supply

Performance Range

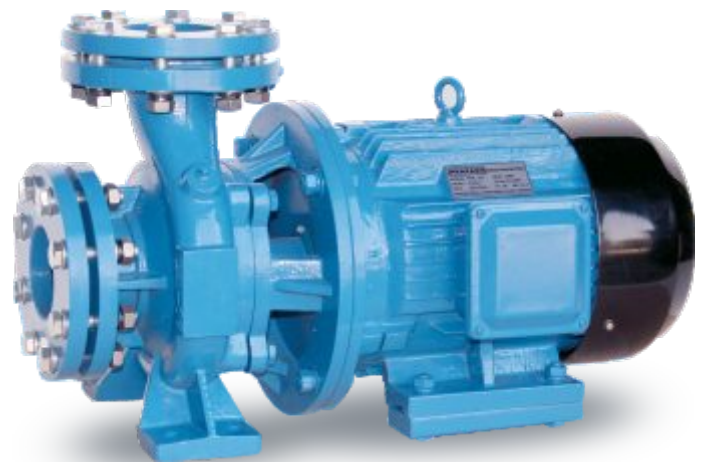
- Flow : Up to 160 M³/h
- Head: 80m
- Speed 2900 rpm
- Power 2.2Kw – 37Kw

Application Limits

- Manometric Suction Lift Up to 8m
- Liquid Temperature between 0°C to 105°C
- Ambient Temperature Up to 40°C
- Max. Working Pressure 10 Bar

Installation in applications

These pumps are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. These system can be installed in any position, provide the inlet opening faces upwards, and, thanks to it Special design which allows back pull out of the motor and the rotary parts of the pump and subsequent re-assembly without having to remove the pump body and the pipes connected to it – 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

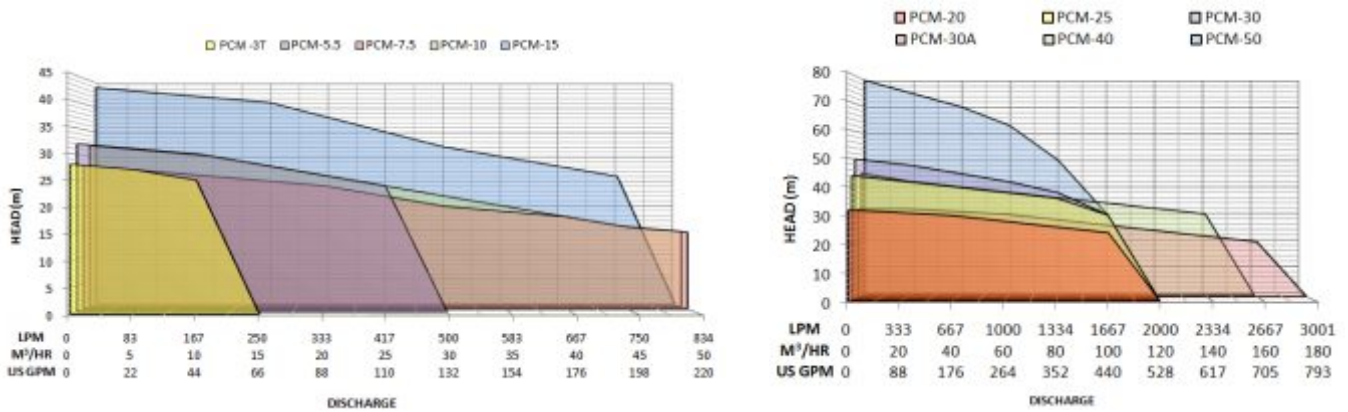
Model	Power		Phase	Inlet		Max. Flow (M ³ /h)	Max. Head (m)	Max. Suction (m)
	KW	HP		Outlet				
PCM-3T	2.2	3	3	2"	X2"	12	28	8
PCM-5.5	4	5.5		2.5"	X 2.5"	25	32	
PCM-7.5	5.5	7.5		2.5"	X 2.5"	47	28	
PCM-10	7.5	10		3"	X 3"	50	32	
PCM-15	11	15		3"	X 3"	47	44	
PCM-20	15	20		3"	X 3"	100	32	
PCM-25	18.5	25		3"	X 3"	95	44	
PCM-30	22	30		3"	X 3"	100	50	
PCM-30A	22	30		4"	X4"	160	32	
PCM-40	30	40		4"	X4"	140	45	
PCM-50	37	50		4"	X4"	100	80	

Hydraulic Pump Performance Chart

Model	Power		Q	US GPM	0	22	44	66	88	110	132	154	176	193	220	
				M ³ /H	0	5	10	15	20	25	30	35	40	45	50	
	LPM	0		83	167	250	333	417	500	583	667	750	834			
PCM-3T	2.2	3	H Meters		28	27	25									
PCM-5.5	4	5.5			32	31	30	28	26	24						
PCM-7.5	5.5	7.5			28	27	26	25	24	22	20	19	18	16	15	
PCM-10	7.5	10			32	31	30	28	26	24	22	20	18	16	15	
PCM-15	11	15			44	43	42	41	38	35	32	30	28	26		

Model	Power		Q	US GPM	0	88	176	264	352	440	528	617	705	793		
				M ³ /H	0	20	40	60	80	100	120	140	160	180		
	LPM	0		333	667	1000	1334	1667	2000	2334	2667	3001				
PCM-20	15	20	H Meters		32	31	30	28	26	24						
PCM-25	18.5	25			44	42	40	38	36	30						
PCM-30	22	30			50	48	45	42	38	30						
PCM-30A	22	30			32	32	31	30	28	26	24	22	20			
PCM-40	30	40			45	42	40	38	36	34	32	30				
PCM-50	37	50			80	75	70	63	50	30						

Hydraulic Performance Curve





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Prakash Pump

Naroda Road, Ahmedabad-380025. Gujarat, India

Phone : +919925249371 | Email:info@prakashpump.com | www.prakashpump.com

UAE : 00971 50 6731283 | 00971 37222733

Oman : 00968 95690021 | 00968 26883982



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