



Quality, Reliability, Life

Centrifugal Monoblock Pump

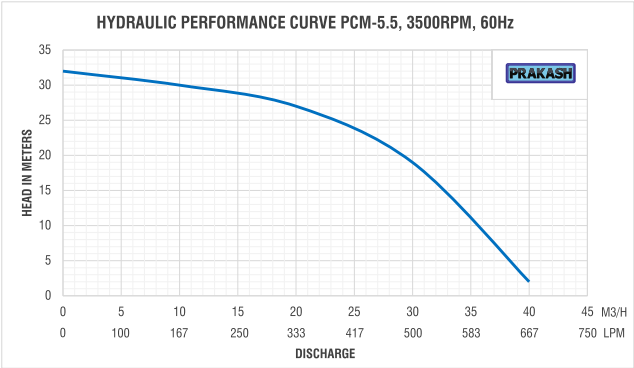


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Centrifugal Monoblock Pump

PRAKASH

Model : PCM-5.5



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

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PCM-5.5	4.0	5.5	380-420	3 ϕ	3500	2.5"x2.5"	40	32	8

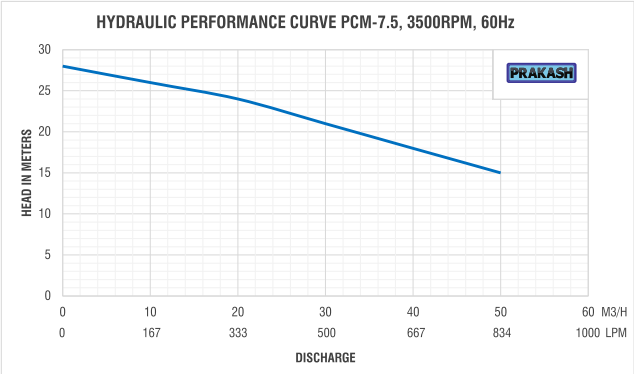
Performance Chart

Model	Power		Q	US GPM	0	44	88	132	175
	Kw	HP		M3/H	0	10	20	30	40
				LPM	0	167	333	500	667
PCM-5.5	4.0	5.5	HEAD (m)	32	30	27	19	2	

Centrifugal Monoblock Pump



Model : PCM-7.5



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

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PCM-7.5	5.5	7.5	380-420	3 ϕ	3500	2.5"x2.5"	50	28	8

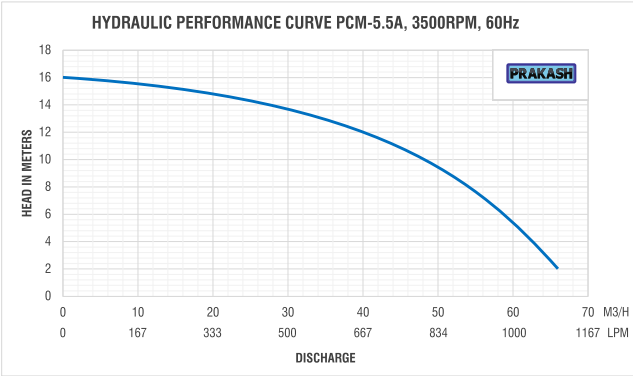
Performance Chart

Model	Power		Q	US GPM	0	44	88	132	176	220
	Kw	HP		M3/H	0	10	20	30	40	50
				LPM	0	167	333	500	667	834
PCM-7.5	5.5	7.5	HEAD (m)		28	26	24	20	18	15

Centrifugal Monoblock Pump

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Model : PCM-5.5A



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

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PCM-5.5A	4.0	5.5	380-420	3 ϕ	3500	3"x 3"	66	16	8

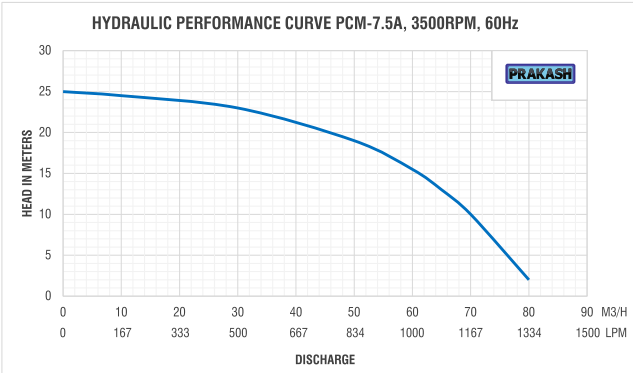
Performance Chart

Model	Power		Q	US GPM	0	44	132	176	220	267	290
	Kw	HP		M3/H	0	10	30	40	50	60	66
				LPM	0	167	500	667	834	1000	1100
PCM-5.5A	4.0	5.5	HEAD (m)		16	15.5	13	12	10	4	2

Centrifugal Monoblock Pump

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Model : PCM-7.5A



Application

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

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

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PCM-7.5A	5.5	7.5	380-420	3 ϕ	3500	3"x 3"	80	25	8

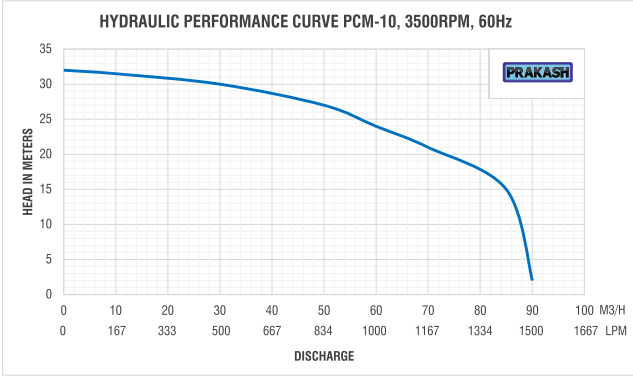
Performance Chart

Model	Power		Q	US GPM	0	44	132	220	267	286	308	352
	Kw	HP		M3/H	0	10	30	50	60	65	70	80
				LPM	0	167	500	834	1000	1084	1167	1334
PCM-7.5A	5.5	7.5	HEAD (m)	25	24.5	23	19	15	13	12	2	

Centrifugal Monoblock Pump

PRAKASH

Model : PCM-10



Application

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

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

Material of Construction (MOC)

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

Motor Details

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

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PCM-10	7.5	10	380-420	3 ϕ	3500	3"x 3"	90	32	8

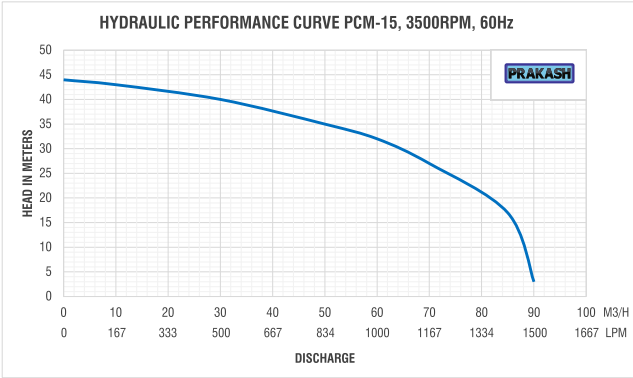
Performance Chart

Model	Power		Q	US GPM	0	44	132	220	264	308	352	396
	Kw	HP		M3/H	0	10	30	50	60	70	80	90
				LPM	0	167	500	834	1000	1167	1334	1500
PCM-10	7.5	10	HEAD (m)	32	31.5	30	27	24	20	15	2	

Centrifugal Monoblock Pump

PRAKASH

Model : PCM-15



Application

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

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

Material of Construction (MOC)

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

Motor Details

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

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Inlet / Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Max. Suction (Mtr)
	Kw	HP							
PCM-15	11	15	380-420	3 ϕ	3500	3"x 3"	90	44	8

Performance Chart

Model	Power		Q	US GPM	0	44	132	220	264	308	352	396
	Kw	HP		M3/H	0	10	30	50	60	70	80	90
				LPM	0	167	500	834	1000	1167	1334	1500
PCM-15	11	15	HEAD (m)	44	43	40	35	32	26	17	3	

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