

Applications

- Agriculture • Dewatering
- Domestic • Civil construction sites
• Swimming pool filtration
• Dewatering of basement water and trenches
- Industrial • Polluted liquids
• Transfer of petroleum products, Chemicals, Treated / Raw water
• Ash water in thermal power plants
• Waste liquid in Tiles and Marble factories

Features

- Self Priming Pump (Priming required during installation only)
- Self Priming up to 8.0 meters at mean sea level
- Construction : Bare pump / Monoset / Motor coupled / Engine coupled
- Graphite lubricated Gland Packing (Also available in Mechanical seal)
- Non-clog type impeller suitable to handle liquid with solid particles & mixtures
- Easy maintenance with interchangeable parts
- Can handles solids upto 23 mm (Depending on pump model and size)
- Back pull out design

Operating Limits

- Power Range : 0.75 to 9.5 (1.0 to 12.5 HP)
- Driver : Direct couple with engine and/or with motor
- Suction Flange Size : 40 mm to 100 mm
- Delivery Flange Size : 40 mm to 100 mm
- Speed : 1500 / 2900 RPM
- Total Head : Up to 34 meters
- Capacity : Up to 41 LPS
- Solid Handling Capacity : Up to 23 mm
- Operating Temperature : Up to 65° C

Benefits

- Repairs possible without disturbing the pipe connections due to back pull out design (except Sp'0')
- Non-clogging impeller to handle suspended solids
- No need for foot valve
- High efficiency, hence, Low electricity consumption
- Grease Lubricated deep groove ball bearings
- Quick automatic self priming action
- Dynamically balanced rotating parts
- Replaceable wearing parts and IP-55 Protection

Material Table

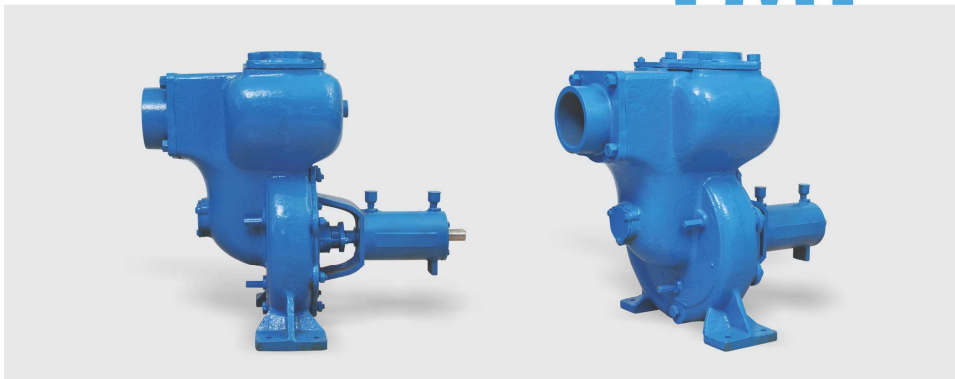
- Casing : Cast iron (Heavy Duty, Built in volute, integrally cast with base frame)
- Stuffing Box : Cast iron (Deep gland box with graphite packing, Packing lubricated by lantern ring)
- Bearings : Bearing Steel
- Impeller : Cast Iron
- Shaft Sleeve : S.S - 410
- Flange : Cast iron
- Shaft : Carbon Steel

PERFORMANCE TABLE

Model Name	Prime Mover kW / HP	Size (mm)	Speed (RPM)	Solid Handling Size (mm)	Head in Meters																									
					6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30	32	34								
TMP 15A	0.75 / 1.0	40 x 40	2760	7.0	4.6	4.1	3.6	2.7	1.5	0.6																				
TMP 15B	1.5 / 2.0	40 x 40	2900	8.5						6.3	5.6	4.9	4.4	4.0	2.8	1.9	0.9													
TMP 2A	2.2 / 3.0	50 x 50	2900	10.5								9.3	8.8	8.1	7.8	7.3	6.5	6.0	5.4	4.1	2.7	1.8	0.8							
TMP 3A	3.7 / 5.0	80 x 80	2900	7.0															10.1	9.3	8.2	7.5	6.8	5.2	3.8	1.8				
TMP 3B	5.5 / 7.5	80 x 80	2900	14.5															16.4	16.2	15.5	14.8	14.0	12.5	10.2	8.0	5.5			
TMP 3C	3.7 / 5.0	80 x 80	1500	15.5							18.0	16.4	13.6	11.6	10.0	5.5														
TMP 4A	7.5 / 10.0	100 x 100	1500	18.5															36.0	33.9	31.2	30.0	28.6	25.5	23.9	22.5	18.0	12.0		
TMP 4B	9.3 / 12.5	100 x 100	1500	23.0															41.5	39.5	36.6	35.3	33.6	30.5	28.3	26.2	22.0	17.0	14.0	10.0

As on continues Improvement and R&D, Performance data and any information furnished above are subject to change without notice.

TMP



The **Dirt** Series

MUD PUMP

