



REDDI
CENTRIFUGAL
FAMILY

Reliable and trustworthy
Efficient to pumping
Durable in working
Design for performance



fluidity nonstop.....

END SUCTION CENTRIFUGAL MONOBLOC PUMP SET SERIES “ CM ”

CM SERIES



FEATURES / BENEFITS

- Highly efficiency & energy saving design.
- Motor designed to prevent overloading.
- Minimum vibration while working.
- Replaceable wearing parts and easy to maintain.

USAGE / AREA OF APPLICATIONS

- Cooling towers and Air conditioning systems.
- Industrial clear water handling at high pressures.
- Fire-fighting and Refrigeration systems.

ENGINEERING / TECHNICAL DATA

Power	: Up to 30 H.P. (22.5 KW)
Flow	: Up to 4400 LPM (264 m ³ /hr.)
Head	: Up to 85 mtr (280 ft.)
Outlet	: Up to 150mm (6 inch)
Motor	: 2/4 pole continuous duty squirrel cage TEFC air fill induction type.
Speed	: 3000/1500 RPM (syn.)
Supply	: 415 V, 3 Ø, 50Hz
Connection	: D.O.L., STAR DELTA

MATERIALS WE PROVIDE

	Standard	Optional
Casing	: Cast Iron	: S.S.
Impeller	: Cast Iron	: S.S. / Bronze
Motor Body	: Cast Iron	: Aluminium
Shaft	: C.S.	: S.S.
Shaft Sleeve	: S.S. 410	: Bronze
Protection	: IP 44	: IP 55
Sealing	: Gland type	: Mech. Seal
Insulation	: Class 'F'	: Class 'B'

(Special MOC's available on request)

SELF PRIMING NON-CLOG MUD PUMP SERIES “ SMP ” & “ SMMP ”

SMMP SERIES



FEATURES / BENEFITS

- Excellent quick automatic action without foot valve up to 8 mtr.
- Automatic air release during priming.
- Back pull-out by design.
- Available in bare, coupled, monoblock, belt driven & engine driven version.
- Avoid clogging & can handle solids up to 40mm with non-clog type impeller.

POWER RATING

- **Motor Driven** : Up to 25 H.P. / 18.5 KW
- **Engine Driven** : Up to 12.5 H.P. / 9.3 KW
- **Monobloc** : Up to 7.5 H.P. / 5.5 KW

ENGINEERING / TECHNICAL DATA

Flow	: Up to 4500 LPM / 75 LPS
Head	: Up to 34 mtr (112 ft.)
Suction Head	: Up to 8 mtr (26 ft.)
Max. Solid Size	: Up to 40 mm
Connection	: D.O.L., STAR DELTA

MATERIALS WE PROVIDE

	Standard	Optional
Casing	: C.I. FG 200	: Bronze / S.S. 304, 316
Impeller	: C.I. FG 200	: Bronze / S.S. 304, 316
Shaft	: EN 8	: S.S. 410 / S.S. 304, 316
Sleeve	: S.S. 410	: S.S. 304, 316
Sealing	: Gland type	: Mech. Seal / Teflon

(Special MOC's available on request)

USAGE / AREA OF APPLICATIONS

- **Self Priming** : Where self-priming action is required.
- **Public Utilities** : Muddy water, Sewage, Polluted liquids.
- **Civil Constructions** : Flood drainage, Sewage pumping, Dewatering foundations, Trenches & Pits.
- **Mobile Machinery** : Cool water for Marine engine & Solvents.
- **Industrial** : Pumping Petroleum Products, Chemicals, Effluents, Ash Water, Tiles & Marbles, Filter press. etc.

SUBMERSIBLE MONOSET / OPEN WELL PUMP SET SERIES " OS "

OS SERIES



FEATURES / BENEFITS

- Under Submerged Construction.
- Heavy Duty Design
- Motor Body made of CI for sturdiness & Long Life
- Water Lubricated Motor filled with good quality of Oil Seal
- Rotor & Impellers are dynamically balanced for long life
- Water cooled & Water Lubricated

(Special MOC's available on request)

ENGINEERING / TECHNICAL DATA

Power	: Up to 15 H.P. / 11 KW
Flow	: Up to 2200 LPM (132 m ³ /hr.)
Head	: Up to 76 mtr (250 ft.)
Outlet	: Up to 100 mm (4 inch)
Motor	: 2 Pole Submersible Water Filled
Speed	: 3000 RPM (syn.)
Supply	: 415 V, 3 Ø, 50Hz
Connection	: D.O.L., STAR DELTA

MATERIALS WE PROVIDE

Motor Body	: C.I.	Oil Seal	: Rubber
Casing	: C.I.	Bush	: Gun Metal
Impeller	: C.I.	Thrust Bearing	: S.S/Carbon
Shaft	: S.S.	Rotor	: Copper

USAGE / AREA OF APPLICATIONS

- Water supply for Fountains & Water Tanks.
- Water supply in Apartments, Buildings & Hotels.
- Gardening & Sprinklers.
- Industries for clear Water handling.
- Curing purpose at Construction sites.

SELF PRIMING NON-CLOG MUD PUMP SERIES " SNC " & " SNCM "

SNCM SERIES



FEATURES / BENEFITS

- Back pull-out design for ease and fast maintenance.
- Mechanical sealing arrangement provided.
- Seal cannot run dry because inbuilt pump oil reservoir.
- Bearing are greased for life, no need external lubrication.
- Drive Type: Monobloc / Electric motor coupled / Belt drive.
- Compact light weight & rugged construction by design

USAGE / AREA OF APPLICATIONS

- Dewatering swamp
- Trenches and Basement
- Construction sites and Swimming pool

ENGINEERING / TECHNICAL DATA

Power	: Up to 7.5 H.P. / 5.5 KW
Flow	: Up to 1250 LPM (20.83 LPS)
Head	: Upto 48.5 mtr (159 ft)
Suction Head	: Upto 6 mtr (19.5 ft)
Max. Solid Size	: Up to 24 mm
Viscosity	: Upto 100 mm ² /sec
Connection	: D.O.L

MATERIALS WE PROVIDE

	Standard	Optional
Casing	: C.I. FG 200	: S.S. 304, 316
Impeller	: C.I. FG 200	: Bronze / S.S. 304, 316
Shaft	: EN 8	: S.S 410 / S.S. 304, 316
Sleeve	: S.S. 410	: S.S. 304, 316
Sealing	: Mech. Seal <i>(Carbon Vs. Ceramic)</i>	

(Special MOC's available on request)

- Effluent treatment plant (ETP)
- Lift irrigation and Water spraying
- For Industrial & Marine applications

END SUCTION HORIZONTAL PROCESS PUMP SET SERIES “ CP ”

CP SERIES



FEATURES / BENEFITS

- Pump as per DIN 24256 & ISO 2858
- Various Flange rating standards available
- Back Pull out design by nature
- Comprehensive ranges are available by applications
- Impellers trimmed to contract duty
- Varieties of Impeller design available
- Energy Efficient motors for low power consumptions
- Easy to Maintain & Serviceable
- Heavy Duty cycle Design ensures longer life

ENGINEERING / TECHNICAL DATA

Flow	: Up to 2200 m ³ /hr.
Head	: Up to 150 mtr
Outlet	: Up to 300 mm (12 inch)
Speed	: 3500 RPM
Temperature	: Up to 350° C
Pressure	: Up to 40 Bars

MATERIALS WE PROVIDE

- Cast Iron / Ductile Iron
 - Cast Steel / WCB
 - Stainless Steel
 - Duplex Steel
 - Hast & Nickel Alloys
 - Bronze / Aluminium
- (Special MOC's available on request)*

USAGE / AREA OF APPLICATIONS

- Pharmaceuticals, Chemical & Starch Industries.
- Pulp & Paper, Sugar & Salt Industries.
- Oil Extraction & Waste Oil Refining Plants.
- Air-Conditioning / Heating Plants / Fire Fighting.
- ETP, RO & DM Water Plants, Sea Water.
- Cooling Tower, Thermic Fluid Circulation.
- Dyes & Intermediates, Solvent Transfer.



“Your Trust..... Our Technology ”



DOC/MKT/CAT/GC/02/VER 1.0



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