



Centrifugal Monoblock Pumpsets - JUMBO Series

SALIENT FEATURES

- Robust construction ensures longer life • 3D Heat Transfer technology ensures low temperature rise • CFD based pump design ensures best hydraulic efficiency
- Accurate alignment of bearing ensures minimum starting friction and reduced starting load • Specially designed for wide voltage operation.



Power range	2.2kW - 15kW (3HP - 20HP)
Max. total head	94 metre
Max. flow rate	62 lps (223.2m³/hr)
Nominal pumpset size	50 x 40, 65 x 50, 80 x 65, 100 x 100 & 150 x 150 mm



C.R.I. PUMPS
Pumping trust. Worldwide.



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CI VALVES

Cast Iron Valves - Foot Valve, Check Valve



SALIENT FEATURES

- Prevent water hammer, up thrust and back spin in the pumping systems • Natural rubber flap totally prevents water leakage • Ruggedly built with graded cast iron
- Compact design and easy to install • Metal parts of valves are coated with bituminous paint to avoid rust formation • It increases water discharge upto 20% and reduces energy consumption upto 10%.

	Foot Valve	Check Valve
Material of construction	Cast iron	Cast iron
Type	Screw, Flange type	Square type
Nominal size in mm	50mm to 100 mm	32mm to 150 mm

CI VALVES

Cast Iron Valves - Non Return Valve, Air Valve



SALIENT FEATURES

- By-pass arrangements is provided • Prevent water hammer, up thrust and back spin in the pumping systems • Ruggedly built with graded cast iron
- Compact design and easy to install • Metal parts of valves are coated with bituminous paint to avoid rust formation • Double acting Air Valve in specific size.

	Non Return Valve	Air Valve
Material of construction	Cast iron	Cast iron
Type	Standard & Heavy	Single & Double acting
Nominal size in mm	50mm to 100 mm	25 mm

AD / AD+ / ASF / ASS TYPE

Air Break Motor Starter



SALIENT FEATURES

- Heavy duty contactor for trouble free switching operation • High Mechanical & Electrical durability
- Specially designed overload relay for reliable overload protection • Encapsulated coil to withstand wide voltage fluctuations • Ergonomic design with aesthetic looks • Star-Delta starters are available in semi-automatic(ASS) and fully automatic(ASF) Version
- Easy and quick mounting.

Relay Range	2.5 Amps to 32 Amps
Rated Operational Voltage	200-440V, 50Hz 3 Phase
Contactor	4 pole
Wide Band of Operating Voltage	70% to 110% of rated coil voltage
Pick-up Voltage	Minimum 70% of coil rating
Ambient Temperature	-25°C to 55°C

COLUMN PIPES

C.R.I. uPVC Column Pipes Coupler & Bellmouth Type



SALIENT FEATURES

- Rigid construction & longer life span of upto 25 years.
- Best alternate for G.I. Pipes and are corrosion free & cost effective • Special care is taken while fixing couplers with pipes to avoid column slippage • Specially designed square threads are capable of withstanding heavy load • PBTS (Polymer Bonded Thread Sink) locking system enhances reliability.

Available sizes	: 33mm to 140mm
Max. Installation Depth	: upto 450metre
Fields of Application	: Borewells

RPVC PIPES

C.R.I. uPVC Pressure Pipes & Fittings (RPVC)



SALIENT FEATURES

- Non-toxic and hygienic - These pipes are most ideal for carrying potable water • Corrosion resistant - These pipes are not affected by chemical, electrolytic and galvanic action, hence from corrosion • Smooth surface - Pipes are having mirror smooth inner surface and hence better flow characteristics in comparison to AC, CI, & GI Pipes • Longer life - The system is free from weakness caused by rusting, weathering and chemical action, and hence lasts for a lifetime.

Available sizes	: 20mm to 400mm
Fields of Application	: Potable water supply, Agriculture pipe lines, Sprinkler & Drip irrigation

CASING PIPES

C.R.I. uPVC Well Casing & Screen Pipes



SALIENT FEATURES

- Longer Life - Life cycle more than 30 years, saves replacement and replenishment costs • Stiffness & strength - Excellent mechanical properties thus is capable of withstanding the hydraulic pressure, the pipes are subjected to during construction of well
- uPVC Casing pipes have trapezoidal threads which provides easy and strong joints • uPVC screen pipes has horizontal slots which enables laminar flow into the well ensuring higher permeability & reducing well entrance.

Available sizes	: 40mm to 300mm
Fields of Application	: Domestic, Irrigation, Industrial & Mining Borewells

HDPE PIPES

C.R.I. High Density Poly Ethlene Pipes



SALIENT FEATURES

- Non-Toxic & Hygienic
- Corrosion resistance
- Maintenance free
- Strong, Flexible & Light weight
- Smooth surface

Available sizes	: 20 mm to 630 mm
Fields of application	: Potable water supply, agriculture pipe lines, sprinkler & drip irrigation

FLAT CABLES

C.R.I. 3 CORE FLAT CABLES



SALIENT FEATURES

- High ageing property
- Low conductor resistance
- High insulation resistance
- Excellent weather resistant
- Resistant to oils, chemicals, ozone & solvents
- Flame resistant

Available sizes	1.0mm² to 50mm²
Voltage Grade	1100 V - AC Supply
Temperature Range	-10°C to +70°C
Conductor	High conductivity annealed copper
Insulation Material	Flexible water proof PVC



C.R.I. PUMPS
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AGRICULTURAL PUMPS





Vision, Mission and Values

To be the industry leader providing best-in-class fluid management solutions to individual and institutional customers and societies in our chosen markets.

We will achieve this through our dedicated efforts to enhance the welfare of all our stakeholders and by living by our values of **commitment, reliability** and **innovation**.

PROFILE

- C.R.I. ranks high among the world's fastest-growing fluid management solution providers with a wide global presence.
- C.R.I. offers Pumps, Motors, Valves, IoT Drives & Controllers, Pipes, Wires & Cables, and Solar Pumping Systems.
- The Group has a diversified range of 9,000 products in its portfolio and it is among a few to manufacture 100 percent stainless steel pumps in the world.
- The company has 21 manufacturing facilities across the globe and also made acquisitions in the U.K. and Italy.
- The R&D division of C.R.I. namely "Fludyn Advanced Technology Centre" is recognized by the Ministry of Science & Technology, Govt. of India.
- C.R.I. is the top exporter in India and the winner of EEPC (Engineering Export Promotion Council) award 15 times. The company also won National Energy Conservation (NEC) award for six times from the Government of India.
- C.R.I. has 50+ years of expertise in the field of engineering.
- C.R.I. functions globally with over 20000 Outlets & 1500 Service centres



125mm/100mm Borewell Submersible Pumpsets - NILE+ Series



SALIENT FEATURES

- T-Bolt motor design • Specially designed Deep Drawn type pump • High operating efficiency • High durability
- Best suitable for 150mm under size borewell
- Designed for Wide Voltage operation.

Power range	2.2kW – 9.3kW (3 HP to 12.5 HP)
Max. total head	650 Metre
Max. flow rate	3 lps (10.8 m³/h)
Max. outer diameter	121 mm
Nominal outlet size	32 & 40 mm



125mm/100mm Stainless Steel Borewell Submersible Pumpsets - NILE+ Series



SALIENT FEATURES

- T-Bolt motor design • Corrosion resistant stainless steel pump parts • Smooth surface finish results friction free flow of fluids • High operating efficiency ensures more power savings • Best suitable for 150mm under size borewell • Designed for Wide Voltage operation.

Power range	2.2kW – 9.3kW (3 HP to 12.5 HP)
Max. total head	780 Metre
Max. flow rate	2 lps (7 m³/h)
Max. outer diameter	121 mm
Nominal outlet size	32 & 40 mm



125mm Borewell Submersible Pumpsets - NILE Series



SALIENT FEATURES

- T-Bolt design motor ensures rigid construction • Anti corrosive SS410 casted impellers • Optimised Hydraulic design for Efficient Performance • Best suitable for 150 mm undersize borewell applications.

Power range	2.2kW – 9.3kW (3 HP to 12.5 HP)
Max. total head	60 metre
Max. flow rate	12.5 lps (45 m³/h)
Max. outer diameter	127 mm
Nominal outlet size	80 mm



150mm Borewell Submersible Pumpsets - DELMA Series



SALIENT FEATURES

- Optimized hydraulic design for efficient performance
- T-Bolt design motor ensures rigid construction
- Specially designed thrust bearing to withstand high axial load • Designed for wide voltage applications • SS 304 grade stainless steel stage casings and impellers in radial flow series • Horizontal application model available • Best suitable for sprinkler applications.

Power range	1.5 kW - 22 kW (2 HP - 30 HP)
Max. total head	516 metre
Max. flow rate	22 lps (79.2 m³/h)
Max. outer diameter	147 mm
Nominal outlet size	50, 65, 80 & 100 mm



150mm Borewell Submersible Pumpsets - BINDA 6D+ Series



SALIENT FEATURES

- Double depth working capacity • Corrosion resistant SS 304 stage casings and SS 410 impellers • Helps to lift water from higher depth with reduced number of stages
- Carbon Teflon pads are used to withstand the up thrust load • Motor is designed with higher cooling effect.

Power range	2.2kW - 18.5kW (3HP - 25HP)
Max. total head	500 Metre
Max. flow rate	20 lps (72 m³/hr)
Max. outer diameter	146 mm
Nominal outlet size	50, 65, 80, & 100 mm



150mm / 175mm & 150mm / 200mm Borewell Submersible Pumpsets - CONGO Series



SALIENT FEATURES

- High operating efficiency • Dynamically balanced rotating parts ensures minimum vibration and longer life
- Extremely tough and hard wearing lubricated journal bearings are used • Designed for wide voltage fluctuations • Specially designed high performance thrust bearing(SS 420 with Graphite Carbon) to withstand high axial thrust load • SS 410 impellers and hard chrome SS Sleeves are used to increase the life of the pump.

Power range	4.5 kW - 18.5 kW (6HP - 25HP)
Max. total head	101 metre
Max. flow rate	33.3 lps (120 m³/h)
Max. outer diameter	165 mm & 195 mm
Nominal outlet size	80, 100, 125 & 150 mm



200mm Borewell Submersible Pumpsets - BHIMA Series



SALIENT FEATURES

- High operating efficiency • Stainless Steel impellers are used for long life • Heavy duty construction • Designed for wide voltage fluctuations • Best suitable for sprinkler applications • Horizontal application models available.

Power range	7.5 kW - 63.4 kW (10 HP - 85 HP)
Max. total head	352 metre
Max. flow rate	53.33 lps (192 m³/h)
Max. outer diameter	187 & 192 mm
Nominal outlet size	80, 100 & 125 mm



Openwell Submersible Pumpsets - CSM & CSM-J Series, RYKER Series



SALIENT FEATURES

- Strongly built with enhanced stability • Premium performance • Portable pump design for easy installation • Friction free journal bearing for smooth operation and low power consumption
- CED cost used for rust prevention and longer life (Selected Model).

Power range	2.2 kW - 15 kW (3HP - 20HP)
Max. total head	153 metre
Max. flow rate	54 lps (194 m³/hr)
Nominal delivery size	50, 65, 80, 100 & 125 mm



Openwell Submersible Pumpsets - CV Series



SALIENT FEATURES

- No suction and priming problem • Extremely tough and hard wearing lubricated journal bearings are used
- Motor designed with higher cooling effect ensures longer life • Motor body available in SS 304 & Cast Iron
- Designed for wide voltage fluctuations • High operating efficiency.

Power range	2.2 kW - 15 kW (3HP - 20HP)
Max. total head	153 metre
Max. flow rate	16 lps (57.6 m³/h)
Nominal delivery size	50, 65 & 80 mm



Centrifugal Monoblock Pumpsets - ACM Series



SALIENT FEATURES

- High operating efficiency • Specially designed for wide voltage operation • Back pull-out design for easy servicing and repair • Double shielded ball bearings
- Good suction lift characteristics • Available in CI & AI motor frame.

Power range	0.37 kW - 2.2 kW (0.5HP – 3HP)
Max. total head	60 metre
Max. flow rate	18 lps (64.8 m³/hr)
Nominal outlet size(SxD)	50 x 40, 50 x 50, 65 x 50, 80 x 65 80 x 80, 100 x 80 & 100 x 100 mm