

CSM /
RYKER
SERIES

Openwell Submersible
Pumpset - CSM & RYKER Series

SALIENT FEATURES

- Specially designed double side carbon pads for higher wear resistance
- No suction and priming problem
- Extremely tough and hard wearing lubricated journal bearings are used
- Dynamically balanced rotating parts ensures minimum vibration and longer life
- 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)
Maximum total head	80 Metre
Maximum flow rate	54 LPS (194m³/hr)
Method of starting	DOL / SD
Nominal outlet size	50, 65, 75, 100 & 150 mm

CV / CVH
RYKER
SERIES

Openwell Submersible
Pumpset - CV, CVH & RYKER Series

SALIENT FEATURES

- Specially designed double side carbon pads for higher wear resistance
- No suction and priming problem
- Extremely tough and hard wearing lubricated journal bearings are used
- Dynamically balanced rotating parts ensures minimum vibration and longer life
- 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 - 37 kW (3HP - 50HP)
Maximum total head	341 Metre
Maximum flow rate	54 LPS (194m³/hr)
Method of starting	DOL / SD
Nominal outlet size	50, 65, 75, 100 & 150 mm

ACM
SERIES

Centrifugal Monoblock Pumpset - ACM Series

SALIENT FEATURES

- High operating efficiency resulting in lower power consumption
- Specially designed for wide voltage operation
- Dynamically balanced rotating parts including rotor and impeller ensures minimum vibration and longer life
- Back pull-out design for easy servicing and repair
- Double shielded ball bearings, so no need of external lubrication.

Power range	1.5 kW - 2.2 kW (2HP - 3HP)
Maximum total head	37 Metre
Maximum flow rate	18 LPS (64.8m³/hr)
Nominal outlet size	50x40, 50x50, 65x50, 80x65, 80x80 & 100x100 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	1.5 Amps to 42 Amps
Rated Operational Voltage	200-440V, 50Hz 3 phase
Contactor	4 pole
Wide band of	70% to 110% of rated
Operating Voltage	coil voltage

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 Valves	50 - 150mm
Air Valves	12 - 50mm

JUMBO

Centrifugal Monoblock
Pumpset - 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
- High operating efficiency resulting in lower power consumption
- Special grade grease increases the life of the bearing
- Specially designed for wide voltage operation
- Good suction lift characteristics
- Special voltage design also available

Power range	2.2kW - 15kW (3HP - 20HP)
Maximum total head	94 Metre
Maximum flow rate	62 LPS (223.2m³/hr)
Nominal outlet size	50x40, 65x50, 75x65, 100x75, 100x100 & 150x150 mm

FLAT
CABLES

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

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 Valves	40 - 150mm
Check Valves	40x40 - 150x150mm

AGRICULTURAL
PIPES

uPVC Column Pipes, uPVC Pressure Pipes
& Fittings, uPVC Well Casing & Screen Pipes & HDPE

SALIENT FEATURES

- PBTS (Polymer Bonded Thread Sink) locking system enhances reliability.
- Non-Toxic & Hygienic
- Corrosion resistance
- Maintenance free
- Strong, Flexible & Light weight
- Smooth surface

uPVC Column	33 - 168mm
RPVC	20 - 400mm
HDPE	20 - 630mm
Casing & Screen	40 - 300mm
Grey & SDR Casing	110 - 250mm



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



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In view of continuous developments, the information / performance / descriptions / specifications / illustrations mentioned in this catalogue are subject to change without notice.
A&R / AGRI FOLDING FLYER / Feb' 24



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



- Tough & Efficient for Long Life.
- Motor designed with High Cooling Effect.
- Technically Enriched Double Depth Working Capacity.
- 3D HT Technology for Long-lasting Performance.
- Specially Designed for More Sprinkler Operations.

AGRICULTURAL PUMPSET | FLYER



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, IoT Drives & Controllers, Pipes, Wires & Cables, Solar Pumps and Controllers to meet the pumping needs of its wide customer base.



60+ Years of Engineering Expertise



120+ Countries have our strong global presence



21+ Manufacturing units around the World



30000+ Outlets to serve our Customers



9000+ Products for various applications



1500+ Service Centres to support our Customers



8 Times NEC Award Winner for Energy Savings



16 Times EEPIC Award Winner for Export Excellence



Fludyn Advanced Technology Centre recognized by Ministry of Science & Technology, Govt. of India.



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



SALIENT FEATURES

- More durability and hygiene • High operating efficiency
- Specially designed thrust bearing to withstand high axial thrust load • Extremely hardwearing water lubricated bearing • Thread type motor construction ensures rigidity & service feasibility • Designed for wide voltage operation • Additional intermediate bearing in higher stage pumps.

Power range	2.2 kW - 5.5 kW (3 HP - 7.5 HP)
Maximum total head	568 Metre
Maximum flow rate	7 LPS (25.20m³/hr)
Method of starting	CSCR / DOL
Nominal outlet size	32, 40, 50 & 65 mm



100mm Borewell Submersible Pumpset - STEELIX 4 Series



SALIENT FEATURES

- Motor Pump components are made up of corrosive resistant SS 304 / SS 316 • Motor portion covered with corrosive resistance stainless steel SS 304 / SS 316 shell
- Best suitable for saline water and industrial applications • High operating efficiency • More longevity & hygiene • Specially designed thrust bearing to withstand high axial thrust load • Designed for wide voltage operation.

Power range	2.2 kW - 7.5 kW (3 HP - 10 HP)
Maximum total head	495 Metre
Maximum flow rate	5 LPS (18 m³/hr)
Method of starting	CSCR / DOL / SD
Nominal outlet size	32, 40 & 50mm



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



SALIENT FEATURES

- T - Bolt design in all Motor ensures rigid construction
- Specially designed Deep Drawn type pump ensures perfect alignment and thereby increases the life of the pumpset • High operating efficiency and more durability
- Specially designed Thrust Bearings to withstand high axial thrust loads • Designed for Wide Voltage operation • Best suitable for 150mm under size borewell.

Power range	3.7 kW – 7.5 kW (5 HP to 10 HP)
Maximum total head	650 Metre
Maximum flow rate	3 LPS (10.8m³/hr)
Method of starting	DOL
Nominal outlet size	32 & 40 mm



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



SALIENT FEATURES

- T - Bolt design in all Motor ensures rigid construction
- Corrosion resistant stainless steel 304 grade pump parts ensures longer life • Smooth surface finish results friction free flow of fluids • High operating efficiency ensures more power savings • Specially designed Thrust Bearings to withstand high axial thrust loads
- Designed for Wide Voltage operation • Best suitable for 150mm under size borewell.

Power range	2.2kW – 9.3kW (3 HP to 12.5 HP)
Maximum total head	780 Metre
Maximum flow rate	3.05 LPS (11m³/hr)
Method of starting	DOL
Nominal outlet size	32, 40 & 50 mm



125mm Borewell Submersible Pumpset - NILE Series



SALIENT FEATURES

- T-Bolt design motor ensures rigid construction • Anti corrosive SS410 casted impellers ensures longer life of Pump sets • Optimised Hydraulic design for Efficient Performance • Specially Designed thrust bearing to withstand high axial thrust loads • Best suitable for 150 mm undersize borewell applications.

Power range	2.2 kW to 5.5 kW (3 HP to 7.5 HP)
Maximum total head	60 Metre
Maximum flow rate	12.5 LPS (45m³/hr)
Method of starting	DOL
Nominal outlet size	80 mm



150mm Borewell Submersible Pumpset - DELMA Series



SALIENT FEATURES

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

Power range	1.5 kW - 37 kW (2 HP - 50 HP)
Maximum total head	516 Metre
Maximum flow rate	22 LPS (79.2m³/hr)
Method of starting	DOL / SD
Nominal outlet size	50, 65, 80 & 100 mm



150mm Borewell Submersible Pumpset - BINDA 6D Series



SALIENT FEATURES

- Double working capacity when compared to other pump sets • Helps to lift water from higher depth with reduced number of stages • Carbon Teflon pads are used to withstand the up thrust load • Specially designed Thrust Bearings to withstand high axial thrust loads
- High operating efficiency and consistent performance ensures low operation cost • Motor is designed with higher cooling effect by increasing the Housing Areas.

Power range	2.2 kW - 37 kW (3 HP - 50 HP)
Maximum total head	500 Metre
Maximum flow rate	20 LPS (72m³/hr)
Method of starting	DOL / SD
Nominal outlet size	50, 65, 80, 100 mm



150mm Stainless Steel Borewell Submersible Pumpset - STEELIX 6 Series



SALIENT FEATURES

- Best suitable for saline water and industrial applications
- More longevity & hygiene • Specially designed thrust bearing to withstand high axial thrust load • Extremely hard wearing water lubricated bush bearing • Designed for wide voltage operation • T-Bolt design motor ensures rigid construction • Additional intermediate bracket on higher stage pump to ensure the deflection free rotation of pump.

Power range	2.2 kW - 37 kW (3 HP - 50 HP)
Maximum total head	740 Metre
Maximum flow rate	33.2 LPS (120m³/hr)
Method of starting	DOL / SD
Nominal outlet size	50, 65, 80, 100 mm



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



SALIENT FEATURES

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

Power range	4.5 kW - 26 kW (6 HP - 35 HP)
Maximum total head	117 Metre
Maximum flow rate	34.26 LPS (123.3 m³/hr)
Method of starting	DOL / SD
Nominal outlet size	100 mm



200mm Borewell Submersible Pumpset - BHIMA Series



SALIENT FEATURES

- High operating efficiency • Extremely tough & hard wearing lubricated journal bearings are used
- Dynamically balanced rotating parts ensures minimum vibration and longer life • Specially designed thrust bearing (SS 420 with Graphite carbon) to withstand high axial thrust load • Designed for wide voltage fluctuations
- Best suitable for sprinkler applications • Fully SS Pumpset & Horizontal application models available.

Power range	7.5 kW - 63.5 kW (10 HP - 85 HP)
Maximum total head	439 Metre
Maximum flow rate	53.33 LPS (192 m³/hr)
Method of starting	SD
Nominal outlet size	80, 100 & 125 mm