

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

- pearings 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 or wide voltage fluctuations • High operating efficiency.

2.2 kW - 15 kW (3HP - 20HP)
80 Metre
54 LPS (194m³/hr)
DOL / SD
50, 65, 75, 100 & 150 mm





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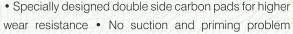
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Openwell Submersible Pumpset - CV, CVH & RYKER Series



SALIENT FEATURES



 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 or 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



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 he 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)
ominal outlet size 50x40, 65x50, 75x65, 10	50x40, 65x50, 75x65, 100x75,
	100x100 & 150x150 mm

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

CABLE

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

AD/AD+/A

Air Break Motor Starter

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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



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

Cast Iron Valves - Foot Valve, Check Valve

SALIENT FEATURES

Foot Valves

Check Valves



• 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%.



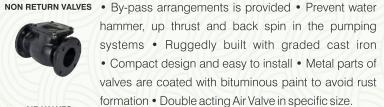


40 - 150mm 40x40 - 150x150mm



Cast Iron Valves - Non Return Valve, Air Valve

SALIENT FEATURES











Non Return Valves	50 - 150mm	
Air Valves	12 - 50mm	///

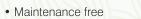
uPVC Column Pipes, uPVC Pressure Pipes & Fittings, uPVC Well Casing & Screen Pipes & HDPE

SALIENT FEATURES

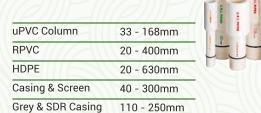
• PBTS (Polymer Bonded Thread Sink) locking system enhances reliability.







- Strong, Flexible & Light weight
- Smooth surface



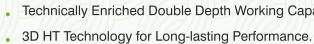




- Tough & Efficient for Long Life.
- Motor designed with High Cooling Effect.
- Technically Enriched Double Depth Working Capacity.
- Specially Designed for More Sprinkler Operations.

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.



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to support our Customers



Fludyn Advanced Technology Centre recognized y 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.

wer range	2.2 kW - 7.5 kW (3 HP - 10 HP)
aximum total head	495 Metre
aximum flow rate	5 LPS (18 m³/hr)
ethod of starting	CSCR / DOL / SD
ominal 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.

ower range	1.5 kW - 37 kW (2 HP - 50 HP)
laximum total head	516 Metre
laximum flow rate	22 LPS (79.2m³/hr)
lethod of starting	DOL / SD
ominal 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

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.

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

