

Oswal Pumps Ltd.



PUMPS & MOTORS
Solar | Domestic | Agriculture | Industrial
True Partner!

Solar | Domestic | Agriculture | Industrial

True Partner!



Monoblock Pumps Pressure Pumps SS Submersible Monoblock Pumps
 CI Submersible Solar Pumps CI Submersible Electrical Panels Submersible Winding Wire
 Electrical Panels Electric Motors Openwell Pumps Openwell Pumps
 Electric Motors SS Submersible Cables Electric Motors Pressure Pumps
 Openwell Pumps Booster Pumps Mud Pumps SS Submersible
 Sewage Pumps Shallow Well Pumps

SS Submersible

SS Submersible

Monoblock Pumps

Sha

CI Submersible

Solar Pumps

Submersible Electrical Panels

Submersible Winding Wire

Openwell Pump

Electrical Panels

Submersible Winding Wire Openwell Pumps

Electric Motors /ire Openwell Pumps

Electrical Panels Openwell Pump
 CI Submersible SS Submersible

RC 5

Electric Motors

Electric Motors SS Submersible

S Submersible

Electric Motors

arsible

Openwell Pumps

Booster Pumps

Mud Pumps

Cables

SS Submersible



Company Profile

Oswal Pumps Limited, established in the year 2000 has now become India's first unique integrated plant with a world-class manufacturing facility of its kind. Backed by experienced engineers and technicians, it has emerged as the fastest-growing company in the field of submersible pumps, monoblock pumps, pressure pumps, electric motors, electric panels, submersible winding wires and cables. Covering domestic, agricultural and industrial ranges.

Our plant, covering an area of 45,000 square meters, is equipped with modern machinery. We are an ISO 9001 and ISO 14001 certified company and our products are ISI-marked and certified for CE and BEE (Bureau of Energy Efficiency for Star Rating) markings. The company is one of the leading manufacturers of energy-efficient stainless steel pumps in India, with our products being star-rated by the BEE (Bureau of Energy Efficiency).

Prestigious Award from:

National Udyog Rattan Award

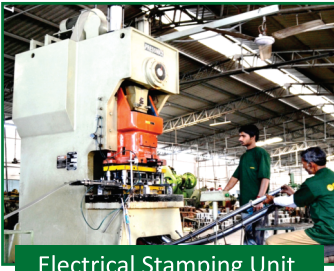
Bhartiya Udyog Rattan Award

Quality and service, along with value for the customer's money, are the guiding principles at OSWAL.

Quality Checks



Infrastructure



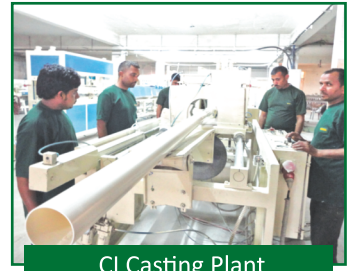
Electrical Stamping Unit



Winding Wire Plant



Cable Manufacturing Unit



CI Casting Plant



Investment Casting Plant



Aluminium Die Casting Plant



Packaging Unit



Enamel Wire Plant



Automatic Winding Unit



SS Pipe Plant



Injection Plastic Moulding Plant



Thrust Bearing Plant



► Centrifugal Regenerative Pumps- Confirming to IS 8472: 2019

Specifications :

Power Range	0.5, 1.0 & 1.1, 1.5 HP
Version	220-240V, 50 Hz, AC 1 Phase. Permanent Split Capacitor (PSC) Incorporated with Thermal Overload Protector
Speed	2880 rpm
Duty	S1 (Continuous)
Degree of Protection	IP54
Insulation	Class F
Discharge Range	60 - 3480 lph
Head Range	4 - 48 mtr
Suction Lift up to	8 mtr
Suction x Delivery Size	25x25 mm

MOC :

Pump Casing	Cast Iron
Motor Body	Aluminum / Cast Iron
Impeller	Bronze
Shaft	EN 8
Sealing	Mechanical Seal (Carbon V/s Ceramic)

Application in :

- Water supply in houses, institutes & hospitals
- Hydro circulation systems
- Water for gardening & nurseries
- Water supply in multi-storey buildings
- Usage in ultra-filtration system



► Shallow Well Pumps- Confirming to IS 8472: 2019

Specifications :

Power Range	0.5, 1.0 & 1.1 HP
Version	220-240V, 50Hz, AC 1 Phase. Permanent Split Capacitor (PSC) Incorporated with Thermal Overload Protector
Speed	2880 rpm
Duty	S1 (Continuous)
Degree of Protection	IP54
Insulation	Class F
Discharge Range	3480 -360 lph
Head Range	4 - 36 mtr
Suction Lift up to	8 mtr
Suction x Delivery Size	25x25 mm

MOC :

Pump Casing	Cast Iron
Motor Body	Aluminum
Impeller	SS, Noryl
Diffuser	Cast Iron / Noryl
Shaft	EN-8
Sealing	Mechanical Seal (Carbon V/s Ceramic)

Application in :

- Supply System of small gardens
- Domestic pressure boosting
- Drinking water supply in small industries
- Water supply in small farms
- Water supply in nurseries



► Magic Suction Pumps

Specifications :

Power Range	0.5, 1.0 & 1.1 HP
Version	220-240V, 50Hz, AC 1 Phase. Permanent Split Capacitor (PSC) Incorporated with Thermal Overload Protector
Speed	2880 rpm
Duty	S1 (Continuous)
Degree of Protection	IP54
Insulation	Class F
Discharge Range	120 -2340 lph
Head Range	4 - 48 mtr
Suction Lift up to	8 mtr
Suction x Delivery Size	25x25 mm

MOC :

Pump Casing	Cast Iron
Motor Body	Aluminum / Cast Iron
Impeller	Bronze
Diffuser	Stainless Steel / Bronze
Shaft	EN-8
Sealing	Mechanical Seal (Carbon V/s Ceramic)

Application in :

- Domestic establishments
- Small irrigation & landscape
- Small farms & resorts
- Gardens & nurseries
- Industry & civil applications



► Booster Pumps 1440 rpm

Specifications :

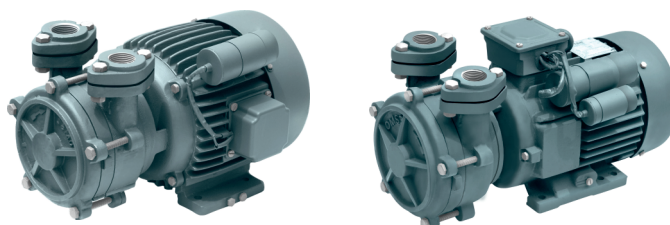
Power Range	0.5. & 1.0 HP
Version	220-240V, 50Hz, AC 1 Phase. Capacitor Start & Capacitor Run (CSCR)
Speed	1440 rpm
Duty	S1 (Continuous)
Degree of Protection	IP54
Insulation	Class F
Discharge Range	7 - 80 lph
Head Range	6 - 40 mtr
Suction Lift up to	8 mtr
Suction x Delivery Size	25x25 mm

MOC :

Pump Casing	Cast Iron
Motor Body	Cast Iron
Impeller	Bronze
Shaft	EN 8
Sealing	Mechanical Seal (Carbon V/s Ceramic)

Application in :

- Domestic multi storey
- Water supply in resorts, small landscapes
- Washing purpose
- Civil applications in hospitals
- Water supply in institutes



► Centrifugal Monoblock Pumps 2880 rpm - Confirming to IS 9079 : 2018

Specifications :

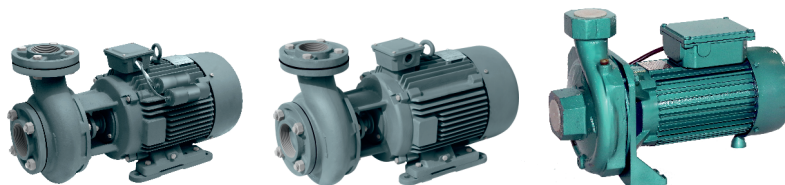
Power Range	0.5 - 3HP in 1 Phase 0.5 - 20HP in 3 Phase
Speed	2880 rpm
Discharge Range	65 - 1350 lpm in 1 Phase 65 - 2290 lpm in 3 Phase
Head Range	5 - 34 mtr in 1 Phase 5 - 70 mtr in 3 Phase
Suction Lift up to	8 mtr
Suction x Delivery Size	25x25 to 100x100 mm
Version	220-240V, 50Hz, AC 1 Phase, Permanent Split Capacitor (PSC) Incorporated with Thermal Overload Protector, 350-440V - 3 Phase
Degree of Protection	IP54
Insulation	Class F
Duty	S1 (Continuous)

MOC :

Pump Casing	Cast Iron
Motor Body	Cast Iron
Impeller	Cast Iron / SS
Shaft	EN 8
Sealing	Mechanical Seal (Carbon & Ceramic) or Asbestos Gland Rope Packing

Application in :

- Sprinklers, drip irrigation & flooding
- In farms & gardens
- Industrial, fountains & pools
- High-rise buildings for water circulation
- Fire fighting set up



► Centrifugal Monoblock Pumps 1440 rpm - Confirming to IS 9079 : 2018

Specifications :

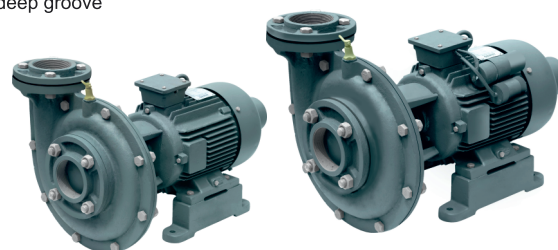
Power Range	2.0 - 5.0 HP in 1 Phase 2.0 - 15 HP in 3 Phase
Speed	1440 rpm
Discharge Range	305 - 1055 lpm in 1 Phase 305 - 4260 lpm in 3 Phase
Head Range	6 - 14 mtr in 1 Phase 6 - 32 mtr in 3 Phase
Suction Lift up to	8 mtr
Suction x Delivery Size	50x50 to 100x100 mm
Version	220-240V 1 Phase 350-440V 3 Phase AC, 50Hz
Degree of Protection	IP54
Insulation	Class F
Duty	S1 (Continuous)
Thermal Protector	Optional
Method of Starting	Dol / Star-Delta

MOC :

Pump Casing	Cast Iron
Motor Body	Cast Iron
Impeller	Cast Iron
Shaft	EN 8
Sealing	Asbestos Gland Rope Packing
Bracket / Front End Shield	Cast Iron
Bearing	Anti frictional deep groove ball bearing

Application in :

- Irrigation
- Industrial water system
- Agriculture water supply
- Cooling systems
- Rural water supply



► Horizontal Openwell Submersible Pumps - Confirming to IS 14220 : 2018

Specifications :

Power Range	0.5 - 5.0 HP in 1 Phase 0.5 - 20 HP in 3 Phase
Speed	2880 rpm
Version	200 - 240V, 350-440V, AC, 50Hz
Discharge Range	115 - 1200 lpm in 1 Phase 115 - 2190 lpm in 3 phase
Head Range	6 - 48 mtr in 1 Phase 6 - 70 mtr in 3 Phase
Suction x Delivery Size	25x25 to 80x80 mm 1 Phase 25x25 to 100x100 mm 3 Phase
Duty	S1 (Continuous)

MOC :

Rear Cover / Bracket	Cast Iron
Stator Shell	Cast Iron / S.S / M.S
Shaft	SS 410
Impeller	Nylon / Noryl
Pump Casting	Cast Iron
Seal	NBR
Thrust Bearing Set	Leaded Bronze and Composites / SS V/s Carbon / SS V/s Fiber
Diaphragm	NBR
Journal Bearings	LTB 4

Application in :

- Lift from rivers and canals for irrigation
- Domestic water supply to multistory
- Swimming pool & fountains
- Water supply in commercial establishments
- For ETP, STP & WTP purpose



CI Sewage Pumps

Specifications :

Power Range	1.0, 2.0 & 3.0 HP in 1 Phase & 3 Phase
Speed	2880 rpm
Version	220-240V, 50 Hz, AC 1 Phase, 350-440V - 3 Phase
Discharge Range	10 - 600 lpm
Head Range	3 - 16 mtr
Outlet Size	50 & 75 mm
Duty	S1 (Continuous)
Protection	IP68
Cable	VCT epoxy resin seal cable
Thermal Protector	Automatic reset motor protector
Insulation	Class F

MOC :

Impeller Type	P Type Semi Open
Casing Cover	Cast Iron
Bearing	Ball Bearing
Impeller	Cast Iron
Casing	Cast Iron
Upper Cover	Cast Iron
Motor Side Mechanical Seal	Carbon v/s Ceramic
Pump Side Mechanical Seal	Sic v/s Sic
Motor Body	Stainless Steel
Shaft	SS - 410

Application in :

- Drainage of sewage from the building basements & hotel industry
- Drainage of sewage from industrial process factories
- To empty the septic tanks
- To clear water logging
- To flush out waste water



Stainless Steel Sewage Pumps

Specifications :

Power Range	0.5 & 1 HP
Outlet Size	32 & 42 mm
Version	220-240V, 50 Hz, AC 1 Phase
Speed	2880 rpm
Discharge Range	43 - 150 lpm
Head Range	3 - 8 mtr
Max. Dia of Soft Soluble	5 mm in 0.5 HP 30 mm in 1 HP
Insulation	Class F
Degree of Protection	IP68

MOC :

Pump Casing	Stainless Steel
Pump Body	Stainless Steel
Impeller	Cast Iron / Noryl
Shaft	SS-410
Double Sealing	NBR & Mechanical Seal
	Carbon V/s Ceramic
Bracket / Front	Cast Iron
End Shield	
Rear End Shield	Cast Iron
Stator Body	Stainless Steel

Application in :

- Drainage of sewage from the basements
- To clear man hole sewages
- To clear waste water from factories & hotel industry & institutes
- Clearing industrial process waste
- To empty the septic tanks



Mud Pumps

Specifications :

Power Range	1.0, 2.0 & 3.0 HP
Version	220-240V, 50 Hz, AC-1 Phase 350-440V - 3 Phase, DOL
Speed	2880 rpm
Discharge Range	55 - 245 lpm
Head Range	12 - 16 mtr
Degree of Protection	IP55
Insulation	Class F
Outlet Size	40x40, 50x40 & 50x50 mm
Thermal Protection	Optional in Single Phase

MOC :

Pump Casing	Cast Iron
Motor Body	Cast Iron
Stator Body	Cast Iron
Impeller	Cast Iron
Shaft	EN 8
Pump Seal	Mechanical Seal (Carbon & Ceramics)
Bearing	Anti frictional deep groove ball bearing

Application in :

- To pump out the mud slurry
- Drain out polluted water & storm water
- Clearing industrial water & sewage
- Water from marine (docks, ports and vessels)
- Clearing of muddy foundation, trenches and pits



► V3 Borewell Submersible Pumps (Oil Filled/Water Filled) 80mm

Specifications :

Power Range	0.5 HP - 1.5 HP
Version	220-240V, 50 Hz, AC
Method of Starting	Capacitor Start and Capacitor Run (CSCR) in water filled, Capacitor Start and Run (CSR) in oil filled
Speed	2880 rpm
Discharge Range	25 - 80 lpm
Head Range	12 - 83 mtr
Outlet Size	25 & 32 mm
Degree of Protection	IP68
Maximum Outer Diameter	76 mm
Duty	S1 (Continuous)
Mounting Standard	Cheaper NEMA

MOC Pump :

NRC Housing	Cast Iron (Regular) Stainless Steel (Platinum)
Impeller	Noryl*
Diffuser	Noryl*
Pump Jacket	Stainless Steel
Pump Shaft	SS 410
Suction Inter Connector	Cast Iron (Regular) Stainless Steel (Platinum)
Coupling	SS 410

MOC Motor :

Upper - Lower Housing & Motor Base	Cast Iron (Regular) / Stainless Steel Jacket (Platinum)
Stator Body	Stainless Steel
Shaft	SS 410
Bearing Bush	LTB-4 in water filled
Bearing	Ball Bearing in oil filled
Thrust Bearing Set	Carbon v/s SS in water filled

Application in :

- Bore well domestic water supply
- Rural and municipal water supply
- Irrigation
- Water supply in commercial establishments
- Small farms, gardening & nurseries



► V4 Borewell Submersible Pumps (Oil Filled/Water Filled) 100mm – Confirming to IS 8034 : 2018

Specifications :

Power Range	0.5 - 5.0 in 1 Phase 0.5 - 7.5 in 3 Phase
Version	220-240V, 50 Hz, AC -1 Phase 350-440V - 3 Phase
Method of Starting	Capacitor Start and Capacitor Run (CSCR) in water filled, Capacitor Start and Run (CSR) in oil filled 3 Phase - DOL / Star Delta
Speed	2880 rpm
Discharge Range	15 - 355 lpm in water filled 15 - 475 lpm in oil filled
Head Range	10 - 300 mtr
Outlet Size	32, 40, 50 & 65 mm
Degree of Protection	IP68
Maximum Outer Diameter	98 mm
Duty	S1 (Continuous)
Mounting	NEMA / Cheaper NEMA

MOC Pump :

NRV Housing	Cast Iron (Regular) Stainless Steel (Platinum)
Impeller	Noryl* / Nylon
Diffuser	Noryl* / Cast Iron
Pump Shaft	SS 410
Suction Inter Connector	Cast Iron (Regular) Stainless Steel (Platinum)
Coupling	SS 410
Pump Casing	Stainless Steel

MOC Motor :

Upper - Lower Housing & Motor Base	Cast Iron (Regular) / Stainless Steel Jacket (Platinum)
Stator Body	Stainless Steel
Shaft	SS 410
Journal Bush	Carbon Bush in water filled
Bearing	Ball Bearing
Thrust Bearing Set	Carbon v/s SS in water filled

Application in :

- Water supply from bore well
- Domestic & rural water supply
- Municipal & Irrigation purpose
- Water supply in commercial establishments
- Small farms, gardening & nurseries



► V5 to 10V Borewell CI Submersible Pumps - Confirming to IS 8034 : 2018

Specifications :	V5	V6	V7	V8	V10
Power Range	3 - 7.5 HP in 1 Phase 3 - 12.5 HP in 3 Phase	1.5 - 7.5 HP in 1 Phase 3 - 35 HP in 3 Phase	5 - 35 HP in 3 Phase	7.5 - 125 HP in 3 Phase	20 - 200 HP in 3 Phase
Version	220-240V, 50Hz, AC 1 Phase 350-440V 3 Phase	220-240V, 50Hz, AC 1 Phase	350-440V, 50Hz, AC 3 Phase	350-440V, 50Hz, AC 3 Phase	350-440V, 50Hz, AC 3 Phase
Method of Starting	Capacitor Start and Capacitor Run (CSCR) in 1 Phase DOL / Star in 3 Phase	Capacitor Start and Capacitor Run (CSCR) in 1 Phase DOL / Star in 3 Phase	DOL / Star Delta	DOL / Star Delta	DOL / Star Delta / ATS
Speed	2880 rpm	2880 rpm	2880 rpm	2880 rpm	2880 rpm
Discharge Range	350 - 700 lpm	80 - 1150 lpm	660 - 1680 lpm	440 - 1970 lpm	960 - 4350 lpm
Head Range	13 - 109 mtr	12 - 435 mtr	15 - 100 mtr	17 - 280 mtr	19 - 368 mtr
Outlet Size	50 & 75 mm	50, 65 & 75 mm	100 mm	75, 100 & 125 mm	125 & 150 mm
Degree of Protection	IP68	IP68	IP68	IP68	IP68
Max Outer Diameter	121 mm	142 mm	159 mm	185 mm	225 mm
Duty	S1 (Continuous)	S1 (Continuous)	S1 (Continuous)	S1 (Continuous)	S1 (Continuous)

MOC Pump :

NRV Housing	Cast Iron
Impeller	Stainless Steel
Diffuser	Cast Iron
Pump Shaft	SS 410
Suction Inter Connector	Cast Iron
Coupling	SS 410

MOC Motor :

Upper & Lower Housing	Cast Iron
Stator Body	Stainless Steel
Shaft	SS 410
Bearing	Carbon Bush
Thrust Bearing Set	Carbon v/s SS

Application in :

- Water extraction from boreholes
- large irrigation
- Agriculture & institutes water supply
- Civil & industrial water supply
- Rural water supply



► Solar SS Submersible Pumps OSP-2, 3, 5, 8 & 14 Series

Specifications :

Power Range	1 - 10 HP
Standard as per	NEMA
Version	415V in 3 Phase AC, 50 Hz, DOL / Star
Speed	2900 rpm
Discharge Range	15300 - 810000 lpd
Head Range	7 - 100 mtr
Outlet Size	40, 50, 65, 75, 100, & 125 mm
Degree of Range	IP68
Max. OD Range	97.5 - 147 mm
Duty	S1
Input Watt Range	900-9000 Wp

MOC Pump :

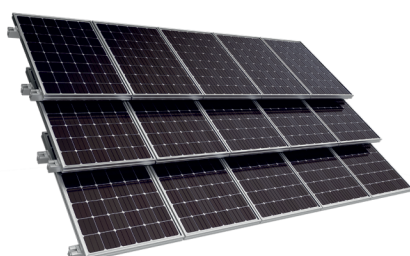
Discharge Chamber	Stainless Steel
Valve Sheet	NBR + Stainless Steel
Impeller	Stainless Steel
Diffuser	Stainless Steel
Pump Shaft	Stainless Steel
Suction Inter Connector	Stainless Steel
Coupling	Stainless Steel
Pump Casing	Stainless Steel

MOC Motor :

Upper, Lower Housing & Motor Base	Stainless Steel / Cast Iron
Stator Shell	Stainless Steel
Shaft	Stainless Steel
Journal Bush	Carbon Bush
Thrust Bearing Set	SS 410 / 420 Graphite Carbon

Application in :

- Rural water supply from bore well
- Domestic & agriculture supply
- Farms & irrigation
- Civil & industrial
- Water supply systems of government



► OSP-2, 3, 5, 8 & 14 Series

Specifications :

Power Range	1 HP - 10 HP in 3 Phase
Version	350-440V, 50Hz, AC 3 Phase
Speed	2850 rpm
Discharge Range	23 - 250 mtr in 3 Phase
Head Range	20 - 200 mtr in 3 Phase
Outlet Size	32, 40 & 50 mm
Degree of Protection	IP68
Maximum Outer Diameter	98 mm
Duty	S1 (Continuous)
Method of Starting	DOL in 3 Phase
Mounting Standard	As per NEMA

MOC Pump :

NRV Housing	Stainless Steel
Check Valve	Stainless Steel
Check Value Sheet	NBR
Impeller	Stainless Steel
Bowl	Stainless Steel
Pump Shaft	SS-431
Suction Inter Connector	Stainless Steel
Coupling	SS-304

MOC Motor :

Upper, Lower Housing & Motor Base	Cast Iron / Stainless Steel
Stator Shell	Stainless Steel
Shaft	Stainless Steel
Bearing	Carbon Bush in water filled Anti frictional deep groove ball bearing in oil filled
Thrust Set	Carbon V/s SS in water filled

Application in :

- Water supply from bore well
- AC and solar energy compatible
- Municipal & irrigation purpose
- Water supply in commercial establishments
- Small farms, gardening & nurseries



► Horizontal Multistage Centrifugal Pumps OCH-1, 2, 3 & 5 Series

Specifications :

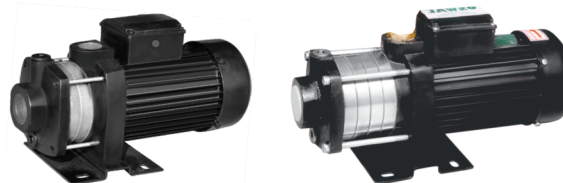
Power Range	0.5 - 2 HP in 1 Phase
Version	200 - 240V in 1 Phase
Discharge Range	13 - 117 lpm
Head Range	20 - 41 mtr
Outlet Size	25x25 mm
Water Temperature	90°C
Speed	2880 rpm
Ambient Temperature	55°C
Insulation	Class B
Degree of Protection	IP54
Main Dimension (Mounting)	Foot Mount - 96 x 115 mm Suitable for 8 mm / 10 mm Bolt

MOC :

Pump Casing	Cast Iron
Pump Bracket	Cast Iron
Impeller	Stainless Steel
Diffuser	Stainless Steel
Motor Body	Aluminum
Shaft	SS - 410
Mechanical Seal	Carbon v/s Ceramic
Base Plate	Mild Steel

Application in :

- Pressure boosting in commercial R.O & others
- Water circulation in DM Plant
- Pumping of clean liquids in industry
- Water boosting in commercial establishments
- Car washing, small farms & multi-story buildings



► Stainless Steel Shallow Well Pumps

Specifications :

Power Range	0.5, 1.0 HP
Version	220-240V, 50Hz, AC 1 Phase Permanent Split Capacitor(PSC) Incorporated with Thermal Overload Protector
Speed	2880 rpm
Duty	S1 (Continuous)
Degree of Protection	IP54
Insulation	Class B
Discharge Range	51 - 11 lpm
Head Range	10 - 40 mtr
Suction Lift up to	8 mtr
Suction x Delivery Size	25x25 mm

MOC :

Pump Casing	Stainless Steel
Motor Frame	Aluminum
Impeller	Stainless Steel
Diffuser	Noryl
Shaft	SS 410
Sealing	Mechanical Seal (Carbon v/s Ceramic)

Application in :

- Water supply in gardens & landscapes
- Pressure boosting in residential areas
- Drinking water supply in industries
- Industrial liquids supplies
- Water supply in Nurseries



▶ Stainless Steel V6 to V12 Borewell Submersible Pumps - Confirming to IS 8034 : 2018

Specifications :	V6	V8	V10	V12
Series :	OSP 9, 12, 17, 30, 40, 46 & 60	OSP 77 & 95	OSP 125 & 160	OSP 215
Power Range	3 - 60 HP in 3 Phase	5.0 - 125 HP in 3 Phase	7.5- 125 HP in 3 Phase	10 - 125 HP in 3 Phase
Version	350-440V - 3 Phase	350-440V, AC, 50Hz - 3 Phase	350-440V, AC, 50Hz - 3 Phase	350-440V, AC, 50Hz - 3 Phase
Method of Starting	DOL /Star in 3 Phase	DOL /Star in 3 Phase	DOL /Star in 3 Phase	DOL /Star in 3 Phase
Speed	2850 rpm	2850 rpm	2850 rpm	2850 rpm
Discharge Range	150-1000 lpm	1200-1600 lpm	2100-27000 lpm	3600 lpm
Head Range	15-400 mtr	10-190 mtr	13-160 mtr	13-62 rpm
Outlet Size	50, 65, 75 & 100 mm	125 mm	150 mm	150 mm
Degree of Protection	IP68	IP68	IP68	IP68
Max Outer Diameter	147 mm	190 mm	229 mm	241 mm
Duty	S1	S1	S1	S1
Standard as per	NEMA	NEMA	NEMA	NEMA

MOC :

NRV Housing	Stainless Steel
Valve Sheet	NBR + SS-304
Impeller	Stainless Steel
Diffuser	Stainless Steel
Pump Shaft	Stainless Steel
Suction Inter Connector	Stainless Steel
Coupling	Stainless Steel

Application in :

- Water extraction from boreholes for large irrigation
- AC and solar energy compatible
- Agriculture & institutes water supply
- Civil & industrial water supply
- Rural water supply



Note : Also available in 60 Hz.

▶ Submersible Motor



Series -	4" OSF-100	6" OSL-150	6" OSF-150
Power Range	2 - 7.5 HP in 3 Phase	3 - 60 HP in 3 Phase	5.5 - 60 HP in 3 Phase
Version (AC)	380-415V, 3 Phase, 50 Hz	380-415V, 3 Phase, 50 Hz	380-415V, 3 Phase, 50 Hz
Speed (rpm)	2850-2880 at 50 Hz	3450 at 60 Hz	2850-2880 at 50 Hz

MOC Motor :

Upper, Lower Housing & Motor Base	Cast Iron / Stainless Steel
Stator Shell	Stainless Steel
Shaft	Stainless Steel
Bearing	Carbon Bush in water filled Anti frictional deep groove ball bearing in oil filled
Thrust Set	Carbon v/s SS in water Filled

► Vertical Multistage Centrifugal Pumps OCR-1, 2, 3, 5 & 10 Series

Specifications :

Power Range	1 - 3HP in 1 Phase 1 - 3HP in 3 Phase
Version	220 - 240V in 1 Phase 380 - 415V in 3 Phase 50 Hz, AC
Speed	2880 rpm
Discharge Range	1.0 - 11 M ³ /H
Bar Pressure Range	0.6 - 22 Kg/cm ²
Electric Motor Insulation	Class F
Degree of Protection	IP54
Temperature Range	-30° to 120°C

MOC :

Pump Head	CI-FG260 / Stainless Steel
Base	CI-FG260 / Stainless Steel
Shaft	SS -431 / Stainless Steel
Impeller	Stainless Steel
Bowl	Stainless Steel
Outer Sleeve	Stainless Steel
O-Ring for Outer Sleeve	EPDM
Necking	PTFE
Shaft Seal	Cartridge Type TC v/s Carbon
Bearing Ring	Tungsten Carbide

Application in :

- Commercial reverse osmosis system & de-mineralizing systems
- Boiler feed and water circulation
- Pressure boosting in mains in high-rise buildings & hotels
- Distribution from waterworks to ultra filtration and transfer back
- Constant pressure boosting system in washing, cleaning & fire fighting systems



► Pressure Boosting Unit- Confirming to IS 9079 :2018 OCHP Series

Specifications :

Power Range	0.5 HP in 1 Phase
Version	200 - 240V in 1 Phase
Discharge Range	13 - 117 lpm
Head Range	20 - 41 mtr
Outlet Size	25x25 mm
Water Temperature	50° C
Speed	2880 rpm
Ambient Temperature / Temperature Rise	55° C
Insulation	Class B
Degree of Protection	IP54
Main Dimensions (Mounting)	Foot Mount - 96 x 115 mm
	Suitable for 8 mm / 10 mm Bolt
Tank Capacity	8, 19, 24, 36, 60 & 100 lts
Suitable Outlets	2, 3, 5, 7 & 10 Taps

MOC :

Delivery × Suction Head	Cast Iron
Motor Body	Aluminum
Impeller	Stainless Steel
Diffuser	Stainless Steel
Motor Body	Aluminum
Shaft	SS-410
Mechanical Seal	Carbon v/s Ceramic
Base Plate	Mild Steel

Application in :

- Water pressure for residential & commercial establishments.
- Water distribution in industries & small farms
- Hotels & multi-story buildings
- Apartments and bungalows
- Commercial washing purpose



► Stainless Steel Centrifugal Monoblock Pumps 2880 RPM - Confirming to IS 9079 : 2018 ONB Series

Specifications :

Power Range	1.5 - 5 HP in 1 Phase 1.5 - 20HP in 3 Phase
Speed	2880 rpm
Discharge Range	65 - 1350 lpm in 1 Phase 65 - 2290 lpm in 3 Phase
Head Range	10 - 30 mtr in 1 Phase 10 - 74 mtr in 3 Phase
Suction Lift up to	8 mtr
Suction x Delivery Size	25x25 to 100x100 mm
Version	220-240V, 50 Hz, AC, 1 Phase Permanent Split Capacitor(PSC) Incorporated with Thermal Overload Protector, 350-440V, 3 Phase
Degree of Protection	IP54
Insulation	Class F
Duty	S1 (Continuous)

MOC :

Pump Casing	Stainless Steel
Motor Body	Stainless Steel
Impeller	Stainless Steel
Shaft	EN 8
Sealing	Mechanical Seal (Carbon & Ceramic) or Asbestos Gland Rope Packing

Application in :

- Sprinklers, drip irrigation & flooding
- In farms & gardens
- Industrial, fountains & pools
- High-rise buildings for water circulation
- Fire fighting set up



► Squirrel Cage Induction Motors (Single Phase)- Confirming to IS 996 : 2009

Specifications :

Power Range	0.25 - 5 HP
Version	200 - 240V, AC, 50Hz
Speed (Pole)	2 & 4
Enclosures	Totally Enclosed Fan Cooled
Frame Size	80 to 130 M
Ambient Temperature	50° C
Insulation	Class B
Combined Variation	10% (Absolute Sum)
Duty	S1
Degree of Protection	IP44
Bearing	Anti Frictional Deep Groove Ball Bearing
Grease	High Temperature Lithium Complex Grease (155° C)
Mounting Dimensions	B3 & B14

Application in :

- Single phase machines & agriculture application
- Chaff cutter
- Wood planner
- Drilling machines & conveyers
- Special purpose applications



► Squirrel Cage Induction Motors – Three Phase- Confirming to IS 12615 - 2018

Specifications :

Power Range	0.25 - 120 HP
Version	380-415V, AC, 50Hz
Speed (Pole)	2, 4, 6, 8
Enclosures	Totally Enclosed Fan Cooled
Frame Size	56 to 280M
Ambient Temperature	50° C
Insulation	Class F
Combined Variation	10% (Absolute Sum)
Connection	Star up to 2 HP / Delta above 2 HP
Duty	S1
Degree of Protection	IP55
Bearing	Anti Frictional Deep Groove Ball Bearing
Grease	High Temperature Lithium Complex Grease (155° C)
Mounting Dimensions	Foot Mounted According to IS 1231 (B3) Flange Mounted According to IS 2223 (B5) Foot Cum Flange Mounted (B35) Face Mounted (B14)

Application in :

- Industrial application
- Heavy & precision machinery
- Air conditioning, blowers & cooling towers
- Turning, milling, drilling, cutting, slitting and grinding machinery
- Special electrical applications



► Submersible Three Core Flat Cables – Confirming to IS 694 : 2010

Specifications :

No. of Core	3 Core
Size	1, 1.5, 2.5, 4, 6, 10, 16 & 25 sq.mm
Length Available	250, 500 & 1000 mtr
Working Voltage	Up to & Including - 1100 Volts
Type	PVC Insulated & PVC Sheathed
Wire	Copper Wire Multi Stand Twisted

Application in :

- Specially designed for bore well submersible pumps



► Winding Wire

Specifications :

Size	0.40 - 3.0 mm
Type	BOPP / Polyester Wrapped Copper Conductor

Application in :

- Borewell submersible pumps

Features :

- Resistance to abrasion
- Low power consumption
- Tear resistance
- Outstanding electrical, mechanical properties



► Three Phase Controller Panel

Specifications :

Version	415V, 3 Phase, AC, 50Hz
HP Compatibility	1.0HP to 60HP
Body	MS Sheet
Features	DOL / Star Delta
Type	Digital

Application in :

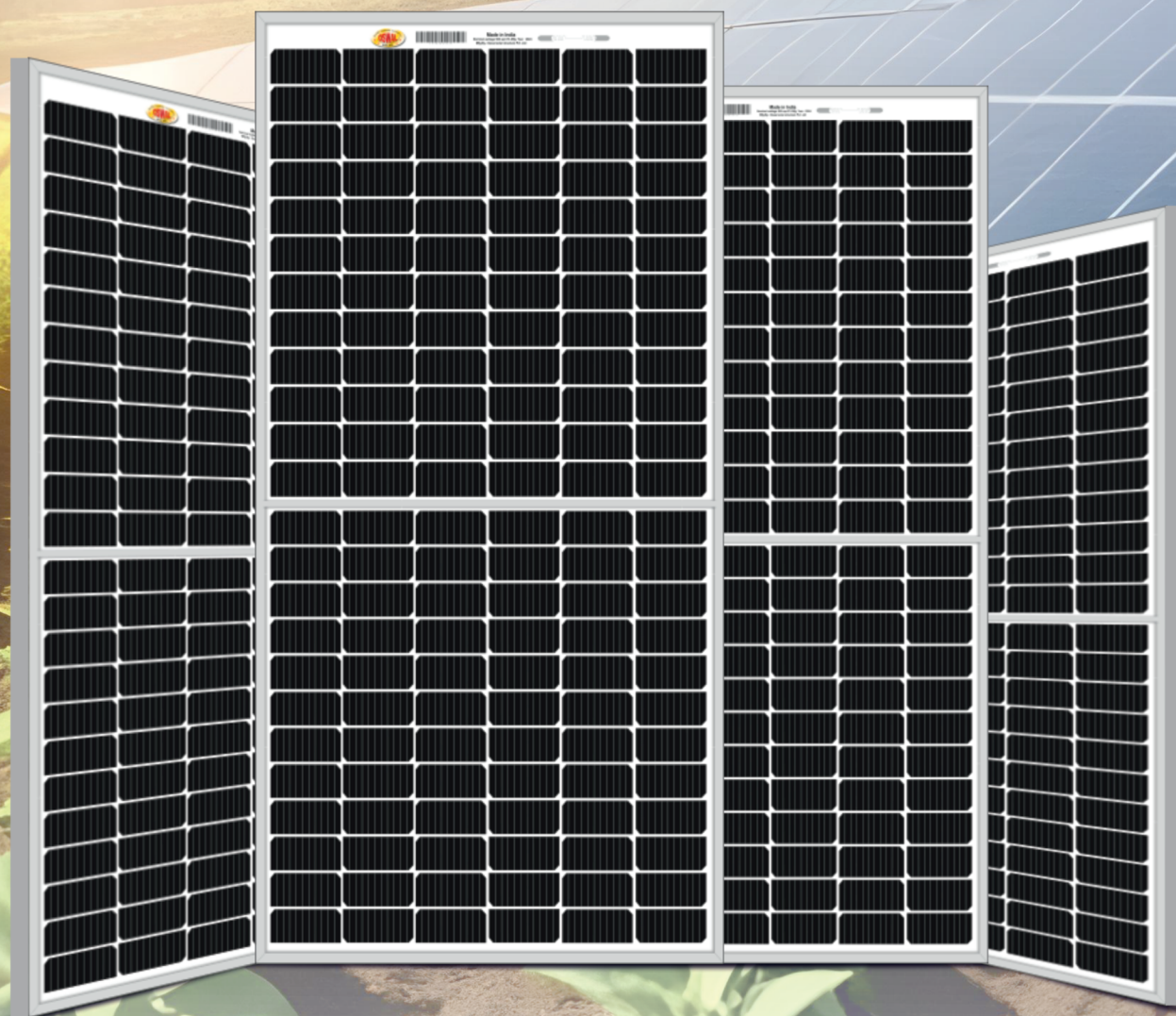
- Submersible Pumps
- Openwell Pumps
- Industrial Motors



Note : Due to R&D the specifications & picture may vary from time to time.

MONO HALF-CUT 500-555Wp

DCR, NON-DCR, BIFACIAL



► CERTIFICATIONS ◀

- **STAR EXPORT HOUSE**
(Recognised by Govt. of India)
- **ISO 9001:2015 CERTIFICATION**
- **ISI MARKED PRODUCTS**
- **BEE 5 STAR RATED PRODUCTS**



ISO 9001 : 2015 CERTIFICATION



Products



► Dealers Meet / Exhibition Participation / Seminars ◀



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