

PRODUCT CATALOG



www.oswalpumps.com



Company Profile

Oswal Pumps Limited started in year 2000 has become now India's first unique integrated plant with world class manufacturing facility in its own kind, backed by seasoned engineers and technicians, which has resulted in as the fasted growing company in the field of Submersible Pumps, Monoblock Pumps and Electric Motors covering Domestic, Agriculture and Industrial Range.

Prestigious Award from :

National Udyog Rattan Award

Bhartiya Udyog Rattan Award

Quality and Service, Value for customer's money - are the guiding principles at OSWAL

Quality Checks



Infrastructure



Electrical Stamping Unit



Winding Wire Plant



Packaging Unit



Enamel Wire Plant



Cable Manufacturing Unit



Injection Plastic Moulding Plant



Automatic Winding Unit



SS Pipe Plant



Investment Casting Plant



Aluminium Die Casting Plant



Thrust Bearing Plant



Dispatch Section





Horizontal Multistage Centrifugal Pumps

Series : OCH 1, 2, 3 & 5

Specifications :

Power Range	0.5 HP – 2 HP in 1 & 3 Phase
Version	200 - 240 V in 1 Phase & 380-415 V in 3 Phase, A.C, 50 Hz
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	IP 54
Main Dimensions (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 & multistory buildings



Pressure Boosting Unit

Series : OCHP 1,2,3, & 5

Specifications :

Power Range	0.5 HP – 2 HP in 1 & 3 Phase
Version	200 -240 V in 1 Phase 380-415 V in 3 Phase, A.C, 50 Hz
Discharge Range	13 – 117 lpm
Head Range	20 – 41 mtr
Outlet sizes	25x25 mm
Water temperature	50° C
Speed	2880 rpm
Ambient temperature / temperature rise	55°C
Insulation	Class B
Degree of protection	IP 54
Main Dimensions (mounting)	Foot Mount - 96 X 115 mm Suitable for 8 mm/10 mm Bolt
Tank Capacity	24, 36, 60, 80 & 100 lts
Suitable Outlets	2,3,4,6, 8 & 12 tapes

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 & Multistory Buildings
- Apartments and Bungalows
- Commercial washing purpose



Vertical Multistage Centrifugal Pumps

Series : OCR 1, 2, 3, 5, 10 & 15

Specifications :

Power Range	1 – 3 HP in 1 Phase 1 – 20 HP in 3 Phase
Version	220 – 240 V in 1 Phase 380 – 415 V in 3 Phase 50 Hz, AC
Speed	2880 rpm
Discharge Range	1.0 – 18 m ³ /H
Bar pressure range	0.6 – 22 Kg/cm ²
Electric motor insulation	Class F
Degree of Protection	IP 54
Temperature range	-30° to 120° C

MOC :

Pump Head	CI-FG-260 / Stainless Steel
Base	CI-FG-260 / 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 Rings	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



Stainless Steel Sewage Pumps

Series : OSWJ

Specifications :

Power Range	0.5 & 1 HP
Outlet size	32 & 42 mm
Version	220-240V, 50 Hz, A.C.-1 Phase,
Speed	2880 rpm
Discharge range	43 – 92 lpm
Head Range	3 – 8 mtr
Max. dia of soft soluble	5 mm in 0.5 HP 30 mm in 1 HP
Insulation	Class B
Degree of protection	IP 68

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 end Shield	Cast Iron
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.



Solar Submersible Pump Set

Confirming to IS 8034 : 2002

Series : OSSL

Specifications :

Power Range	1 – 10 HP
Standard as per	NEMA
Version	230 V & 415 V in 3 Phase, A.C. 50 Hz, DOL / Star
Speed	2880 rpm
Discharge range	15300 – 810000 LPD
Head Range	7 – 100 mtr
Outlet size	40, 50, 65, 75, 100 & 125 mm
Degree of Protection	IP 68
Maximum OD Range	97.5 - 225 mm
Duty	S1
Input Watt Range	1200 – 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 / GM bush
Thrust Bearing Set	SS 420 and Graphite Carbon

Application in :

- Rural water supply from borewell
- Domestic & agriculture Supply
- Farms & Irrigation.
- Civil & Industrial
- Water supply systems of Government



Stainless Steel Centrifugal Monoblock Pumps 2880 rpm

confirming to IS 9079 : 2002

Series : ONB

Specifications :

Power Range	1.5 – 5 HP in 1 Phase 1.5 – 20 HP 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, A.C.-1 Phase, Permanent Split capacitor (PSC) Incorporated with Thermal Overload Protector, 350-440V – 3 Phase
Degree of Protection	IP 54
Insulation	Class B
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 water circulation
- Fire fighting set up.



Stainless Steel V4 Borwell Submersible Pump set (Water Filled)

Confirming to IS 8034 : 2002

Series : OSP 2,3,5,8 & 14

Specifications :

Power Range	0.5 HP – 5.0 HP in 1 Phase 0.5 HP – 10 HP in 3 Phase
Version	220-240V, 50 Hz, A.C.-1 Phase, 350-440V – 3 Phase
Speed	2880 rpm.
Discharge Range	23 – 250 in 1 Phase 23 – 250 in 3 Phase
Head Range	42 – 200 mtr in 1 Phase 42 – 350 mtr in 3 Phase
Outlet size	25, 32, 40 & 50 mm
Degree of Protection	IP 68
Maximum Outer diameter	98 mm
Duty	S1 (Continuous)
Method of starting	Capacitor start and Capacitor run (CSCR) in 1 Phase / DOL in 3 Phase
Mounting Standard	As per NEMA

MOC Pump :

NRV Housing	Stainless Steel
Check Valve	Stainless Steel
Check Valve Sheet	NBR
Impeller	Stainless Steel
Bowl	Stainless Steel
Pump Shaft	SS-431
Suction inter Connector	Stainless Steel
Coupling	SS 410

MOC Motor :

Upper, Lower Housing & Motor Base	Cast Iron / Stainless Steel
Stator Shell	Stainless Steel
Shaft	Stainless Steel
Bearing	Leaded Bronze in water filled
Thrust Set	Carbon V/s SS in water filled



Stainless Steel V4 Borwell Submersible Pump set (Oil Filled)

Confirming to IS 8034 : 2002

Series : OSP 2,3,5,8 & 14

Specifications :

Power Range	0.5 HP – 5.0 HP in 1 Phase 0.5 HP – 10 HP in 3 Phase
Version	220-240V, 50 Hz, A.C.-1 Phase, 350-440V – 3 Phase
Speed	2880 rpm.
Discharge Range	23 – 250 in 1 Phase 23 – 250 in 3 Phase
Head Range	42 – 200 mtr in 1 Phase 42 – 350 mtr in 3 Phase
Outlet size	25, 32, 40 & 50 mm
Degree of Protection	IP 68
Maximum Outer diameter	98 mm
Duty	S1 (Continuous)
Method of starting	Capacitor start and run (CSR) in 1 Phase / DOL in 3 Phase
Mounting Standard	As per NEMA

MOC Pump :

NRV Housing	Stainless Steel
Check Valve	Stainless Steel
Check Valve Sheet	NBR
Impeller	Stainless Steel
Bowl	Stainless Steel
Pump Shaft	SS-431
Suction inter Connector	Stainless Steel
Coupling	SS 410

MOC Motor :

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

Stainless Steel V5 to V12 Borewell Submersible Pump Set

Confirming to IS 8034 : 2002

Specifications :	V5	V6	V7	V8	V9	V10	V12
Series :	OSP 9, 12, 17, 29, 30 & 31	OSP 9, 12, 17, 30, 40, 46 & 60 OHF 65, 90, 110, 135 & 160 ORF 55, 65, 90 & 110	OSP 70& 90	OSP 77 & 95	OSP 120	OSP 125 & 160	OSP 215
Power Range	1.5 – 5.0 HP in 1 Phase 1.5 – 10 HP in 3 phase	3 – 7.5 HP in 1 Phase 3 – 50 HP in 3 phase	3.0 – 50 HP in 3 phase	5.0 – 75 HP in 3 phase	6 – 75 HP in 3 phase	7.5 – 75 HP in 3 phase	10 – 75 HP in 3 phase
Version	220-240V, A.C, 50 Hz, - 1 Phase 350-440V – 3 phase	220-240V, A.C, 50 Hz, - 1 Phase 350-440V – 3 phase	350-440V – A.C, 50 Hz – 3 Phase	350-440V – A.C, 50 Hz – 3 Phase	350-440V – A.C, 50 Hz – 3 Phase	350-440V – A.C, 50 Hz – 3 Phase	350-440V – A.C, 50 Hz – 3 Phase
Method of starting	A.C.- Capacitor start and Capacitor run (CSCR) in 1 Phase, DOL/Star Delta in 3 Phase	A.C.- Capacitor start and Capacitor run (CSCR) in 1 Phase, DOL/Star Delta in 3 Phase	DOL/Star Delta in 3 Phase	DOL/Star Delta in 3 Phase	DOL/Star Delta in 3 Phase	DOL/Star Delta in 3 Phase	DOL/Star Delta/ ATS in 3 Phase
Speed	2880 rpm	2880 rpm	2880 rpm	2880 rpm	2880 rpm	2880 rpm	2880 rpm
Discharge Range lpm	150-500	150-1000	1100-1400	1200-1600	1600-2000	2000-2700	2700-3600
Head Range in meters	10-130	15-400	10-110	10-160	16-70	13-180	13-120
Outlet size	50, 65, 75 & 100 mm	50, 65, 75 & 100 mm	100 mm	100 mm	100 mm	125 mm	150 mm
Degree of Protection	IP 68	IP 68	IP 68	IP 68	IP 68	IP 68	IP68
Max outer diameter	126 mm	147 mm	157 mm	170 mm	190 mm	220 mm	250 mm
Duty	S1	S1	S1	S1	S1	S1	S1
Standard as per	NEMA	NEMA	NEMA	NEMA	NEMA	NEMA	NEMA

MOC PUMP:

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 Motors

Series -	4" OSL-100	4" OSF-100	6" OSL-150	6" OSF-150
Power Range	0.5 – 1.5 HP in 1 & 3 Phase	2 – 5 HP in 1 Phase 2 – 7.5 HP in 3 Phase	3 – 7.5 HP in 1 Phase 3 – 15 HP in 3 Phase	5.5 – 50 HP in 3 Phase
Version (A.C)	380-415V, 3 Phase 50 Hz 220-240V, 1 Phase 50 Hz	380-415V, 3 Phase, 50 Hz 220-240V, 1 Phase, 50 Hz 380/460V, 3 Phase, 60 Hz	380-415V, 3 Phase 50 Hz 220-240V, 1 Phase 50 Hz	380-415V, 3 Phase, 50 Hz 380/460V, 3 Phase, 60 Hz
Speed (rpm)	2850-2880 at 50 Hz	2850-2880 at 50 Hz 3450 at 60 Hz	2850-2880 at 50 Hz	2850-2880 at 50 Hz 3450 at 60 Hz

MOC Motor :

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

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



Dealers Meet / Exhibition Participation / Seminars







PAN INDIA PRESENCE



GLOBAL PRESENCE



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