

Industrial Range....

Vertical Inline Pump

Sewage Pump

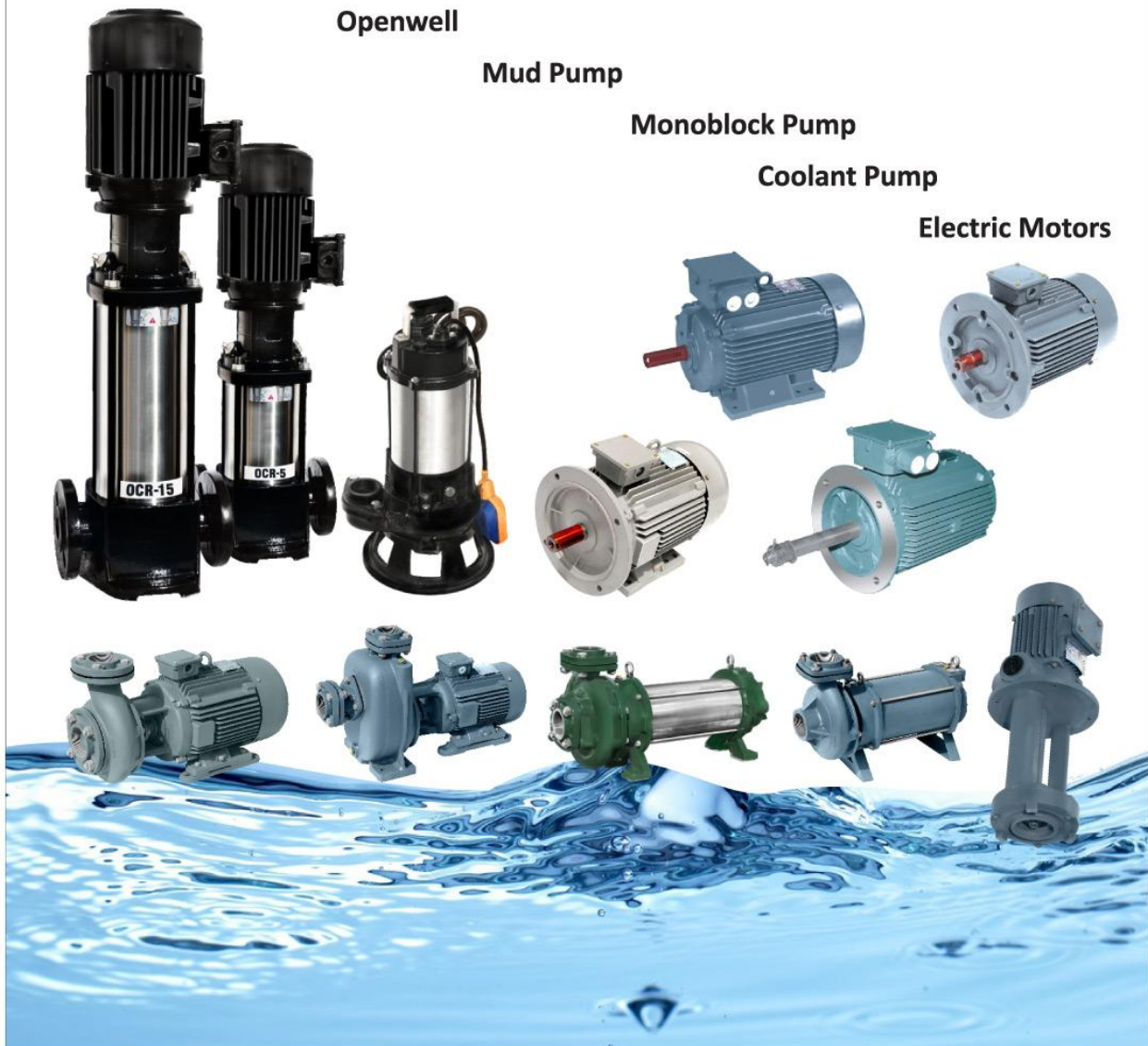
Openwell

Mud Pump

Monoblock Pump

Coolant Pump

Electric Motors



Company Profile

Oswal Pumps Limited formerly known as Oswal Electricals (Pumps) started in 2000 has become now India's first uniquely integrated plant with world class manufacturing facility in its own kind backed by seasoned engineers and technicians.

Quality and Service value for customer money are the guiding principles at **OSWAL**. No doubt that **OSWAL** Electricals (Pumps) converted to Oswal Pumps Limited. In 2006 is one of the fastest growing company in the field of Submersible pumps, Monoblock pumps and Electric motors.

Infrastructure :

Oswal Pumps Limited has its own plant covering an area of 585000 sq. ft. out of which 400000 sq. ft. is covered at the prestigious location on National Highway -1 near Kutail, Karnal well equipped with modern machineries for manufacturing of pumps and motors.

The company has to its credit more than 2 crores satisfied customers throughout India just in span of 9 to 10 years.

Oswal Pumps Limited is an ISO-9001, ISO-14001 certified company and all products are ISI marked. Also certified for CE marking, B.E.E. marking and have maximum 5 star rating categories of Submersible pump sets. **OSWAL** Co. is one of the third manufacturers of Stainless Steel pumps in India.

OSWAL have their own in-house plant for:-

- a) Stamping unit.
- b) Aluminum die casting for rotor.
- c) Aluminum die casting for motor body & parts.
- d) Poly wrapped and PVC winding wire for submersible motor.
- e) Thrust Bearing.
- f) Injection plastic moulding.
- g) Stainless steel investment casting.
- h) Stainless steel pipe.
- i) Corrugated box facility.
- j) Cast iron casting plant.
- k) Super enameled copper wire plant.

OSWAL have got prestigious Awards from:-

National Udyog Rattan Award –on dt. 15-09-2005 from Indian Organization for Business Research Association, New Delhi for individual achievement of National Development .

Bhartiya Udyog Rattan Award – on dt. 01-12-2005 from Indian Economic Development of Research Association, New Delhi for individual achievement of National Development.

OSWAL is the first company out of thousand participants , who have got the above awards for submersible pumpsets.

All the products more than 900 varieties are offered to the market through a wide distributor network of more than 1170 Distributors / Agents all over India to ensure that for every **OSWAL** pump in use, there is a sales and service outlet for wide range of Agriculture, Industries and domestic needs.

Export : Exporting to 18 to 20 countries and in the coming years we will be exporting almost 35 to 40 countries.

Oswal Pumps Limited assure you to provide quality products and best services always.

Vertical Multistage Centrifugal Pumps : These are used in Filtration and transfer at waterworks, Pressure boosting in mains & in high rise buildings & hotels. Process water system in washing and cleaning systems, Vehicle washing tunnels, Fire fighting systems. Cooling and air-conditioning systems, Boiler feed and condensate systems, machine tools(cooling lubricants), aquafarming. Ultra-filtration system, Reverse osmosis system, Demineralizing systems, Distillation systems, Separators, Swimming baths & water Parks. Field irrigation (flooding), Sprinkler & Drip-feed irrigation.

Range	OCR 1	OCR 2	OCR 3	OCR 4	OCR 5	OCR 10	OCR 15
Nominal flow rate (m ³ /h)	1	2	3	4	5	10	15
Temperature range (°C)	-30 to +120	-30 to +120	-30 to +120	-30 to +120	-30 to +120	-30 to +120	-30 to +120
Max. Pump efficiency(%)	48	48	58	58	66	70	72
Flow rate (m ³ /h)	0.8-2.4	1.0-4.0	1.2-4.4	2.0-8.0	2.0-8.5	6-13	10-24
Motor Power (kW)	0.37-2.2	0.37-3.0	0.37-3.0	0.37-4.5	0.37-5.5	0.37-7.5	1.1-15.0
Max. Pressure (bar)	22	25	24	22	24	22	23
Flange	DN 25/32	DN 25/32	DN 25/32	DN 25/32	DN 25/32	DN 40	DN 50



Sewage Pumps : These used in Drainage of sewage from the building basements, hotel industry, waste water from factories. Drainage of sewage from industrial process factories. To empty septic tanks, cesspits and sewage pump stations. Pumping surface and drainage water from garages and sprinkler systems.

Model		Power		Start Method	m ³ /h l/min.	3	6	12	18	24	36	48	60								
Single Phase	Three Phase	kw	HP																		
OFF - 2115/2115F	-	0.75	1.0	Capacitor	H(m)	13	12	9	6.5	3.5	-	-	-								
-	OFF-2135			Direct																	
OFF-3215	-	1.50	2.0	Capacitor										16.5	16	14	12	10.5	6.5	3	-
-	OFF-3235			Direct																	
OFF-3315	-	2.20	3.0	Capacitor										19	18.5	17	15.5	14	10	7	3
-	OFF-3335			Direct																	



Note : Subscript "F" Pumps will be provided with a float switch.

Coolant Pump : Application in machines for circulation of cutting oil & other coolants.

MODEL	K.W.	H.P.	DELV SIZE IN	TOTAL HEAD IN METERS					
				FEET	13	26	39	52	66
				MM METERS	2	3	4	5	6
OPCP-02-3PH	0.18	0.25	25X25		85	63	47	21	0



Openwell Submersible Pumpset : It can be run in open as well as in submerged water. In Industrial & Domestic water supply, Lift irrigation schemes. Drip/ Sprinkler Irrigation schemes, fire fighting booster application, cooling water. Circulation, fountains & water parks installation and air conditioning & industrial plants.

Details	Single Phase	Three Phase
Range	0.5 HP to 3 HP.	0.5 HP to 10 HP.
Head	6 mtrs to 40 mtrs.	7 mtrs to 60 mtrs.
Discharge	60 lpm to 1150 lpm.	60 lpm to 3500 lpm.
Pipe Size	25x25 mm to 100x100 mm.	25x25 mm to 125x125 mm.



OSWAL

Pumps & Motors



Mud Pumps : For mud circulation applications, Crude oil and mud slurry handling in oil fields & cement slurry water.

Details	Single & Three Phase
Range	1 HP to 3 HP.
Head	6 mtrs to 22 mtrs.
Discharge	70 lpm to 450 lpm.
Delivery Size	40x40 mm, 50x40 mm & 50x50 mm.



Monoblock Pumps : Application of Centrifugal Monoblock pumpset are for Hospitals, Water circulation systems, Water supply systems of Government, Irrigation, Farms & Drip & sprinkler irrigation, Gardening, Nurseries, Domestic water supply, Multi-storeyed Building, Industries & Hotels.

Details	2880 RPM
Power Range	0.5 HP to 5 HP -1Ph. 0.5 HP to 20 HP -3Ph.
Flow rate upto	2300 lpm.
Head range upto	82 mtr.
Suction lift upto	7 mtr.
Pump size in inches	1x1, 1 1/2x1, 1 1/2x1 1/2, 1 1/2x1 1/2, 2x1 1/2, 2x2, 2 1/2x2, 3x2 1/2, 3x3, 4x3, 4x4
Version	200-240V, A.C., 50 Hz - 1 Ph. Permanent Split capacitor - CSR 380-415V, A.C., 50 Hz - 3 Ph. 0.5 to 7.5 HP D.O.L., 10 to 15 HP S.D.



OSWAL Monoblock Pumps (Single Phase 2880 RPM) confirm to IS:9079.

Electric Motors : Mainly Industrial Use Versatile for Agriculture equipments, Machineries. Hydraulic equipments, compressor, Looms, Flour Mills, etc.

Details	Single Phase
Range	0.16 HP to 5 HP.
Speed(RPM)	1440.
Frames	63 - 132 M.
Class	A & B
Rating	S1 Continuous
Poles	4 Poles



OSWAL Single Phase Electric Motors confirm IS:996.

Induction Motors : For various industrial application like Machine tools, Textiles, Air Conditioning, Dairy Equipments, Crane & Hoist, Pollution control, Aquaculture & agriculture, Fertilizers, Mines & Chemicals Industry.

Details	Three Phase
Range	0.25 HP to 120 HP.
Speed(RPM)	3000/1500/1000/750/600/500/375
Frames	63 - 280 M.
Class	'F'
Rating	Continuous
Poles	2/4/6/8 Poles



OSWAL Three Phase Electric Motors

Cooling Tower Motors : These Cooling Tower Motor are used in cooling towers of air conditioning and refrigeration industries & plants.

Details	Three Phase
Range	0.25 HP to 120 HP.
Speed(RPM)	3000/1500/1000/750
Frames	63 - 280 M.
Class	'F'
Rating	Continuous



Operating and Inlet Pressure Vertical Multistage Inline Pump

Maximum Inlet Pressure :

The following table shows the maximum permissible inlet pressure. However, the current inlet pressure against a closed valve must always be lower than the maximum permissible operating pressure.

If the max. Permissible operating pressure is exceeded, the conical bearing in the motor may be damaged and the life of the shaft seal reduced.

OCR 1	2 to 36	10(Kg)
OCR 2	2 to 26	10(Kg)
OCR 3	2 to 29	10(Kg)
	31 to 36	15(Kg)
OCR 4	1 to 22	10(Kg)
OCR 5	2 to 16	10(Kg)
	18 to 36	15(Kg)
OCR 10	1 to 6	8(Kg)
	7 to 22	10(Kg)
OCR 15	1 to 3	8(Kg)
	4 to 17	10(Kg)

Electric - Motor

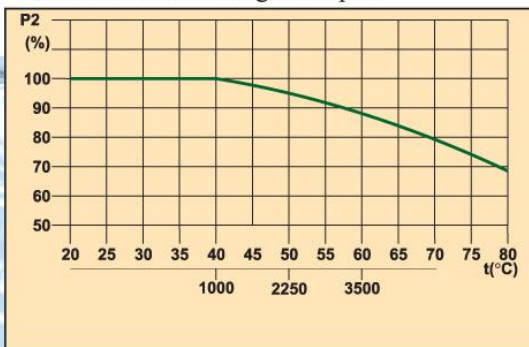
Full-enclosed air blast two pole standard motor

Mounting	Upto 4kW(Phase mounting)
Designation	From 5.5kW(Flange mounting)
Insulation	F
Enclosure Class	IP 55
Standard Voltages	1 x 220 - 230/240V
50Hz	3 x 380 - 415V

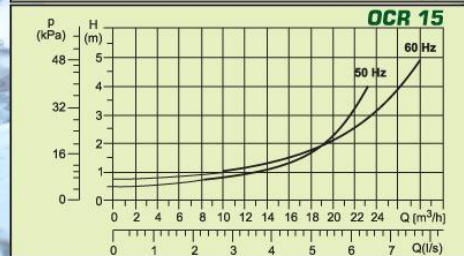
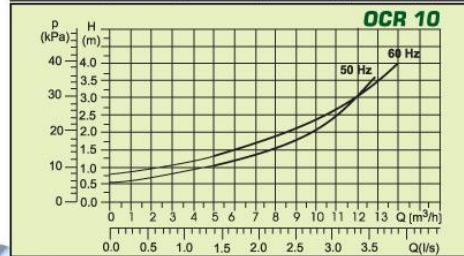
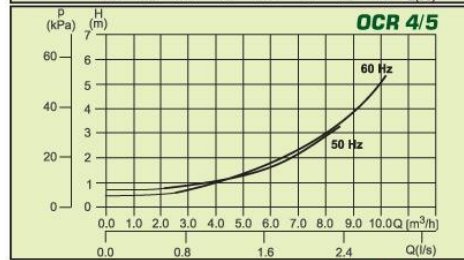
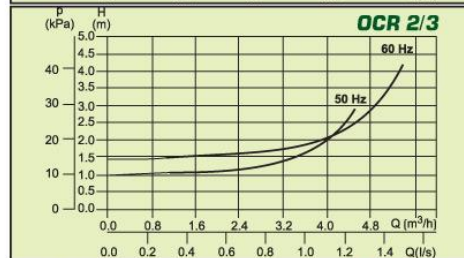
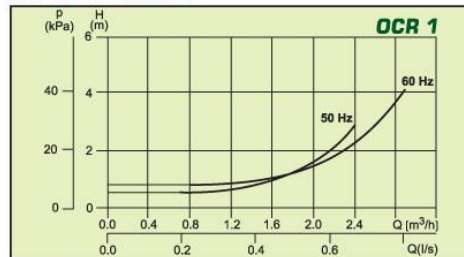
Ambient Temperature

Ambient Temperature : Maximum +40°C

If the ambient Temperature exceed +40°C or if the motor is located 1000metres above sea level, the motor output (P2) must be reduced due low cooling effect of the air. In such cases, it may be necessary to use a motor with a higher output.



NPSHR Curve :





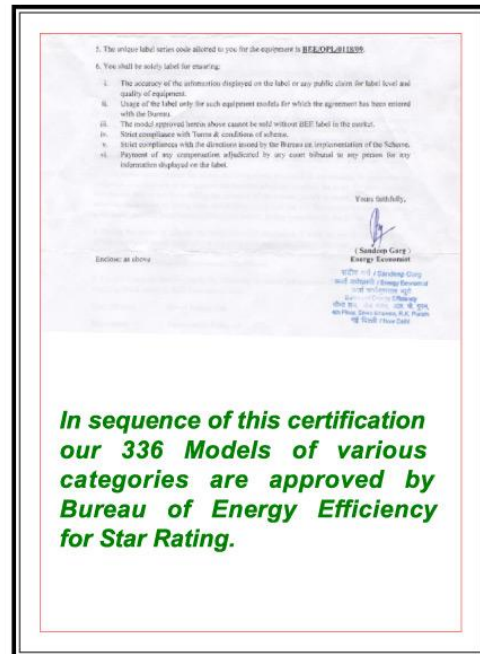
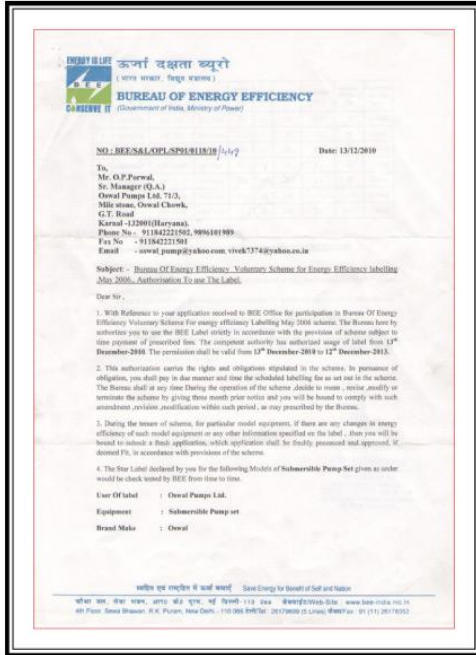
ISO Certification



CE Certification



BEE Certification





Oswal Pumps Ltd.

Oswal Estate, NH-1, Kutail Road, P.O. Kutail-132 037, Distt. KARNAL (Haryana) INDIA

Ph.No. : +91-184-6616600(30 Lines) +91-1748-257701-04 Fax : +91-1748-257700

Munish Rai

GM - Industrial Sales

+91 9813910749

e-mail : munishrai@oswalpumps.com

URL : <http://oswalpumps.com>, www.oswalpumps.co.in