



# OSWAL

*Ushering in Prosperity*

Domestic & Industrial Range....



ACTIVA



EXCLUSIVE



OSP-9



**CENTRIFUGAL REGENERATED MONOBLOCK PUMPS  
SELF PRIMING (2880 RPM)**

## REGENERATIVE MONOBLOCK

**OSWAL** Regenerative self priming monoblock pumpset are the products of the expertise of highly qualified technical team with a strong wise rigid inspection method under TQM concept.

**OSWAL** Regenerative self priming monoblock pumpset are powered by a totally enclosed fan cooled, A.C induction motor, and complete absence of suction trouble, suitable for long hours duty. Motor stator is made of low watt loss steel laminations assembled under pressure and rigidly in the frame. Well-balanced rotor ensures vibration and noise free operations. The varnish impregnated windings made of enameled copper wire offer excellent resistance power. Shaft made out of best quality steel, precision ground of ample size, which helps to transmitting the rated Horsepower. All single-phase versions up to 1.0 HP are incorporated with Thermal Over load protector.

Application of Regenerative self priming monoblock pumpset Hospitals, Water circulation systems, Water supply systems of Gardening, Nurseries, Domestic water supply, Multi-storeyed Building & Industries.

**OSWAL** Regenerative self priming monoblock pumpset are of good self priming capacity, dynamically balanced rotating parts, optimal design, High operating efficiency, high working pressure & designed for wide voltage fluctuations.

REGENERATIVE SELF PRIMING MONOBLOCK PUMPSETS 2900 RPM CONFIRM TO IS : 8472

### Specification :

Details	ACTIVA / EXCLUSIVE / OSP-9
Power Range	0.5 HP. & 1HP.
Version	220-240V, 50 Hz, A.C-1 Ph. Permanent Split Capacitor (PSC) Incorporated with Thermal Overload Protector.
Speed	2900 rpm.
Type of duty	S1 (Continuous)
Degree of Protection	IP 54
Class of Insulation	'B'
Flow rate upto	50 lpm.
Delivery Head upto	42 mtr.
Self-priming capacity	15 ft.
Suction lift upto	25 ft.
Normal Suction x delivery size in inches	1 x 1

### Material of Construction

Part Name	Material
Pump Casing	Cast Iron
Motor Frame	Alluminium Alloy
Impeller	Bronze
Shaft	SS 410 / E.N. 8
Sealing	Mechanical Seal

### Pump Liquids

Clean, thin, non-aggressive, non-explosive, clear, cold, fresh water without abrasives, solid particle or fibres shall mean the water having the following characteristics.

Maximum Liquid Temperature	50°C (max.)
Permissible amount of sand	25 gm/m <sup>3</sup> (max.)
Chlorine ion density	500 ppm (max.)
Allowable solids	3000 ppm (max.)
Specific gravity	1.004 (max.)
Hardness (drinking water)	300 (max.)
Viscosity	1.75 x 10 <sup>6</sup> m <sup>2</sup> /sec (max.)
Turbidity	50 ppm silica scale (max.)
pH value	6.5 to 8.5.

Exclusively manufactured by :

## Oswal Pumps Ltd.

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### Other Ranges :

