

MONOSUB RV

Openwell submersible monobloc pumpsets in vertical execution



After successful launch of openwell submersible monobloc pumps MONOSUB R and MONOSUB RE models in single and three phase versions, KSB introduces additional range of monobloc pumps MONOSUB RV.

Centrifugal, multistage, monobloc pumpsets in vertical execution - MONOSUB RV are designed for wide range of applications in open water sources such as well, canal etc.

Re-windable motor which can withstand high voltage fluctuations with hydraulics designed using German technology makes a perfect combination pumpset. Dynamically balanced rotor ensures vibration free and noiseless operations. Use of best quality materials like Copper for rotor, high grade Stainless Steel (1Ø) / Cast Iron (3Ø) for hydraulic components, Polywrap stator, not only guarantee the long life but also value for your money !. Water lubricated radial and thrust bearings are designed to withstand axial thrust resulting in minimum wear and tear of rotating components and guarantees minimum failure of pumpset. Hydraulic chambers are sealed using high quality rubber components whereas motor components are protected using oil seal, thus preventing any ingress of sand particles in the motor chamber.

Compact and easy to handle design allows quick installation at site.

Operating data :

Flow capacity : Up to 85000 lph
Head : Up to 150 m

Motor : 50Hz

1Ø, 220 V ($\pm 6\%$), available up to 1.5 kW (2 hp)
3Ø, 400 V ($+6\%$, -15%), available up to 16.8 kW (22.5 hp)

Method of starting :

1Ø : DOL
3Ø up to 5.5 kW : DOL, 7.5 kW and above : S/D

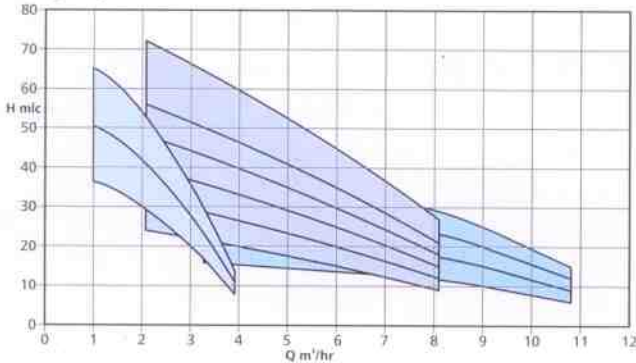
Degree of protection : IP 68

MONOSUB RV finds wide range of applications in

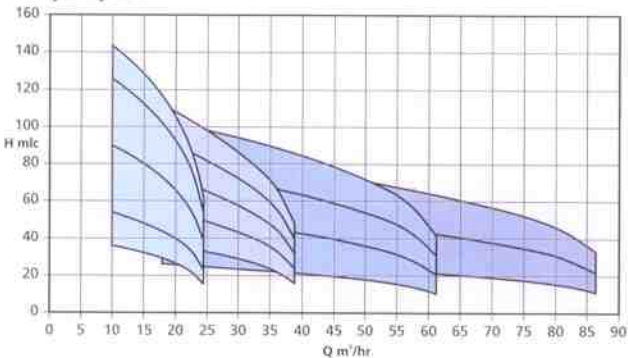
- Irrigation
- Drinking water supply
- Industrial water supply etc.

Selection Chart

1 Ø pumpsets



3 Ø pumpsets



Material of construction

Part name	1Ø	3Ø
Stage casings	Stainless Steel	Cast Iron
Impellers	Stainless Steel	Cast Iron
Suction Casing	Cast Iron	Cast Iron
Adaptor / Bracket	Cast Iron	Cast Iron
Rotor	Aluminium	Copper
Rotor Shaft	Chrome Steel	Chrome Steel
Stator	Polywrap	Enameled Copper
Stator Jacket	Stainless Steel	Cast Iron
Radial bearings	Bronze	Bronze
Thrust bearings	Carbon	Carbon



KSB Pumps Limited
Water Pumps Division

Plot No. E3 & E4, MIDC Sinnar, Nashik 422 113.
Tel.: +91 2551 230252 / 53 / 55 / 56 Fax: +91 2551 230254