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50MS500/250/22-2P

Performance

Max Capacity	50 l/s or ± 180m³/h
Max Head	80m
Duty at Best Efficiency point	55m head @ 110m³/h or 30 l/s
Max SG	1.2

See **50MS500/250/22-2P** performance curve

Materials- Pump

Casing	27% High Chrome Iron
Suction Inlet	27% High Chrome Iron
Impeller	27% High Chrome Iron
Flinger	27% High Chrome Iron
Motor Pedestal	Mild steel
Columns	Mild steel
Shaft	En8
Shaft Sleeve	Polyurethane
Casing Insert	Polyurethane
Paint	AGS 011 and PS107

Materials- Motor

Motor Barrels	Mild steel
Shrouds	Mild steel
Endshield	Mild steel
Shaft	En8

Design

Pump is NOT to be Run in Reverse
Directional Arrow is Welded on to the Motor Pedestal and included on the Rating Plate
All Moving Parts are concealed within the Pump
The RNE Pump can run Wet or Dry for 7 days a weeks 365 days of the year
This Pump will be running at 2 pole speed (2900rpm)
Bearings are Sealed and do not require any Maintenance or Lubrication, therefore there are no Lubrication points.
Pump is a Direct Drive not V-belt driven
Discharge flange (50mm ID) is to BS 4504 specification.

Quality Assurance

RNE Pumps has achieved ISO ratings from TÜV CERT Certification Body of TÜV Anlagentechnik GmbH in the following:

Quality Control	DIN EN ISO 9001:2000
Environmental	ISO 14001:2004
Health & Safety	OHSAS 18001: 1999



ISO 9001:2000
 ISO 14001:2004
 OHSAS 18001:1999



Certificated are available on request or my be downloaded on www.rnepumps.com

All pumps are dry tested for noise, vibration and temperature before dispatch, certificates are available on request.