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50MS500/250/7,5-4P

Performance

| Max Capacity | $90 \text{m}^3/\text{h or} \pm 25 \text{l/s}$ |
|-------------------------------|---|
| Max Head | 16m |
| Duty at Best Efficiency point | 12m head @ 60m ³ /h or 18 l/s |
| Max SG | 1.2 |

See 50MS500/250/7,5-4P 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

| 112000110 | 110 1110 |
|---------------|------------|
| Motor Barrels | Mild steel |
| Shrouds | Mild steel |
| Endshield | Mild steel |
| Shaft | En8 |

Design

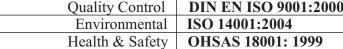
| <u>Design</u> | |
|---|--|
| Pump is NOT to be Run in Reverse | |
| Directional Arrow is Welded on to the Motor Pedestal and included on the Rating Plate | |
| All Moving Parts are concealed within the Pump | |
| The RNE Pump can run Wet or Dry for 7 days a weeks 365 days of the year | |
| This Pump will be running at 4 pole speed (1450rpm) | |
| 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





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.

