



19 IMVUBU ROAD P.O. BOX 1381  
 SEBENZA, EXT 6 EDENVALE  
 EDENVALE SOUTH AFRICA  
 SOUTH AFRICA 1610  
 1609

TEL: 0861 RNEPUMP  
 TEL: +27 (11) 452-3528  
 FAX: +27 (11) 452-2332

me@rnepumps.com  
 www.rnepumps.com

## 80MS500/250/37-2P

### Performance

Max Capacity	<b>75 l/s or ± 260m<sup>3</sup>/h</b>
Max Head	<b>80m</b>
Duty at Best Efficiency point	<b>60m head @ 160m<sup>3</sup>/h or 45 l/s</b>
Max SG	<b>1.2</b>

See **80MS500/250/37-2P** performance curve

### Materials- Pump

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

### Materials- Motor

Motor Barrels	<b>Mild steel</b>
Shrouds	<b>Mild steel</b>
Endshield	<b>Mild steel</b>
Shaft	<b>En8</b>

### 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 <b>2 pole speed (2900rpm)</b>
Bearings are Sealed and do not require any Maintenance or Lubrication, therefore there are no Lubrication points.
Pump is a <b>Direct Drive</b> not V-belt driven
Discharge flange (80mm ID) is to <b>BS 4504</b> specification.

### Quality Assurance

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

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



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



Certificated are available on request or my be downloaded on [www.rnepumps.com](http://www.rnepumps.com)

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