Range-N
Series 42
Ratio 2 & above

Performance

<table>
<thead>
<tr>
<th>Series 42</th>
<th>Torque [Nm]</th>
<th>6195</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Speed</td>
<td>Max (rpm)</td>
<td>3000</td>
</tr>
<tr>
<td>Thermal Limit</td>
<td>Power [kW]</td>
<td>190</td>
</tr>
<tr>
<td>Backlash</td>
<td>arcmin</td>
<td>7 to 10</td>
</tr>
<tr>
<td>Efficiency</td>
<td>(%)</td>
<td>95% - 98%</td>
</tr>
<tr>
<td>Service Life</td>
<td>(hours)</td>
<td>&gt;10000</td>
</tr>
<tr>
<td>Housing Material</td>
<td></td>
<td>SG Iron</td>
</tr>
<tr>
<td>Oil Quantity</td>
<td>Litres</td>
<td>7</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>2 Way - 2:1 +</td>
<td>215</td>
</tr>
<tr>
<td></td>
<td>3 Way - 2:1 +</td>
<td>223</td>
</tr>
</tbody>
</table>

Notes:
#1 Nominal torque values at running speeds of 1500 rpm
#2 Maximum running torque value at speed of 10 rpm
Full detailed performance for each unit refer to page 12 & 13

Accessories & Options

- Special Gear Ratio
- Motor Flange
- Extended Drive Shaft
- Limit Switches
- Drives
- Light Weight Design
- Reinforced Shaft OR High Torque
- Breather
- 90° Breather
- Mounting Feet
- Shaft Cover
- Stainless Steel
- Submersible
- Corrosion Protection
- Nuclear Rated
- Food Grade
- Low Temperature
- High Temperature

Notes:
1. All dimensions in mm unless otherwise stated
2. Dimensions subject to change without notice

3 Way Solid Shaft

N420S30-20

4 Mounting Holes on Sides 5 and 6, M20 x 30 Deep

Tapped hole in end of each solid drive shaft - M16 x 38mm Deep

Notes:
- Oil Plug
- 20 x 12 x 100
- Keyway 5

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