**Range-N**
**Series 42**
**Ratio 2 & above**

### Performance

<table>
<thead>
<tr>
<th>Series 42</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Torque [Nm]</td>
<td>Nominal#1 6195</td>
</tr>
<tr>
<td></td>
<td>Max Running#2 7000</td>
</tr>
<tr>
<td></td>
<td>Max Start-Up 10500</td>
</tr>
<tr>
<td>Input Speed [rpm]</td>
<td>Max 3000</td>
</tr>
<tr>
<td>Thermal Limit [kW]</td>
<td>Power 190</td>
</tr>
<tr>
<td>Backlash [arcmin]</td>
<td>7 to 10</td>
</tr>
<tr>
<td>Efficiency [%]</td>
<td>95% - 98%</td>
</tr>
<tr>
<td>Service Life [hours]</td>
<td>&gt;10000</td>
</tr>
<tr>
<td>Housing Material</td>
<td>SG Iron</td>
</tr>
<tr>
<td>Oil Quantity</td>
<td>Litres 7</td>
</tr>
<tr>
<td>Weight [kg]</td>
<td>2 Way - 2:1 + 215</td>
</tr>
<tr>
<td></td>
<td>3 Way - 2:1 + 223</td>
</tr>
</tbody>
</table>

**Notes:**

# Nominal torque values at running speeds of 1500 rpm

# 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**

### 4 Way Solid Shaft

**N420S40-20**

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

**Notes:**

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

---

[www.powerjacks.com](http://www.powerjacks.com)