RN gearboxes are 2 or 3 stage parallel shaft gearboxes with hollow output shafts.

The RN Series comes in 6 sizes with 30 reduction ratios per type. Output torque ranges between 110 and 3400 Nm.

RN parallel shaft gearboxes are made in die-cast aluminium for the first three sizes and in cast iron for the remaining sizes.

Output shafts are available in various dimensions and types (hollow with keyway, hollow with shrink disk and solid single or double sided) to suit most applications.

The shaft mounted version can be converted to B5 flange mounted simply by fitting one of the many output flanges available.

IEC or NEMA motors can be fitted easily using interchangeable flanges and flexible couplings.

The flexible coupling is contained inside the gearbox body and does not therefore increase the length of the gearbox.
### PARALLEL SHAFT GEARBOXES

**Sizes**
- RN: from 1 to 6

**Reduction ratios**
- RN: from 6.3 to 710:1

**Torques**
- \( T_2 \): from 110 to 3400 Nm

**Output shafts**
- Hollow output shafts with key or with shrink disk
- Single-sided or double-sided

**Oil seals**
- NBR type
- FKM type

**Standards**
- Sizing according to ISO 6336 / DIN 3990
- Keys according to DIN 6885 B1
- Synthetic long-life lubricant
- ATEX certification on demand

<table>
<thead>
<tr>
<th>Sizes</th>
<th>Torque [Nm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>RN 1</td>
<td>180</td>
</tr>
<tr>
<td>RN 2</td>
<td>310</td>
</tr>
<tr>
<td>RN 3</td>
<td>580</td>
</tr>
<tr>
<td>RN 4</td>
<td>1000</td>
</tr>
<tr>
<td>RN 5</td>
<td>1800</td>
</tr>
<tr>
<td>RN 6</td>
<td>3400</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Input Power [kW]</th>
</tr>
</thead>
<tbody>
<tr>
<td>RN 1</td>
</tr>
<tr>
<td>RN 2</td>
</tr>
<tr>
<td>RN 3</td>
</tr>
<tr>
<td>RN 4</td>
</tr>
<tr>
<td>RN 5</td>
</tr>
<tr>
<td>RN 6</td>
</tr>
</tbody>
</table>

Input speed 1400 rpm
Numero di giri in ingresso 1400 rpm

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### RIDUTTORI PARALLELI

**Grandezze**
- RN: da 1 a 6

**Rapporti di riduzione**
- RN: da 6.3 a 710:1

**Coppie**
- \( T_2 \): da 110 a 3400 Nm

**Alberi in uscita**
- Alberi uscita cavi con linguetta o con calettatore
- Alberi lenti solidi semplici o doppi

**Oil seals**
- Tipo NBR
- Tipo FKM

**Standards**
- Dimensionamento secondo ISO6336 / DIN3990
- Linguette secondo DIN6885 B1
- Lubrificante a lunga durata
- A richiesta certificazione ATEX