### PM32LN

<table>
<thead>
<tr>
<th>Ns</th>
<th>in</th>
<th>ir</th>
<th>M_r [Nm]</th>
<th>Rd</th>
<th>R_o [N]</th>
<th>A_o [N]</th>
<th>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>5.18</td>
<td>0.75</td>
<td>0.8</td>
<td>40</td>
<td>10</td>
<td>0.16</td>
</tr>
<tr>
<td>2</td>
<td>19</td>
<td>19.2</td>
<td>2.3</td>
<td>0.75</td>
<td>70</td>
<td>20</td>
<td>0.21</td>
</tr>
<tr>
<td>3</td>
<td>71</td>
<td>71.16</td>
<td>4.5</td>
<td>0.7</td>
<td>100</td>
<td>30</td>
<td>0.26</td>
</tr>
<tr>
<td>4</td>
<td>369</td>
<td>368.76</td>
<td>4.5</td>
<td>0.65</td>
<td>130</td>
<td>40</td>
<td>0.31</td>
</tr>
</tbody>
</table>

**Note:** The grey boxes indicate the maximum torque load exceeded by the gear reducer in S1.

### BL002.240 / BL002.240-IE

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>[Nm] [rpm]</td>
<td>[Nm] [rpm]</td>
</tr>
<tr>
<td>0.15 [988]</td>
<td>0.30 [985]</td>
</tr>
<tr>
<td>0.53 [267]</td>
<td>1.06 [267]</td>
</tr>
<tr>
<td>0.75 [191]</td>
<td>1.50 [191]</td>
</tr>
<tr>
<td>1.84 [72]</td>
<td>3.68 [72]</td>
</tr>
<tr>
<td>3.60 [37]</td>
<td>7.20 [37]</td>
</tr>
<tr>
<td>8.87 [14]</td>
<td>17.74 [14]</td>
</tr>
<tr>
<td>17.34 [7]</td>
<td>34.68 [7]</td>
</tr>
</tbody>
</table>

### BL002

- 37 mNm
- 24 V

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_N.B.:_ boxes in grey indicate that maximum torque exceeded by gear reducer for service in S1 is exceeded.

_See the table on page E3 for all available ratios._
### PM32LN con motore brushless

**PM32LN with brushless motor**

<table>
<thead>
<tr>
<th>Tipo Type</th>
<th>Numero di fasi / Number of phase</th>
<th>Tensione / Rated voltage [V]</th>
<th>Numero di giri / Rated speed [rpm]</th>
<th>Coppia nominale / Rated torque [mNm]</th>
<th>Potenza nominale / Rated power [W]</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL002.240</td>
<td>3</td>
<td>24</td>
<td>5120</td>
<td>37</td>
<td>19.8</td>
</tr>
<tr>
<td>BL002.240-IE</td>
<td>3</td>
<td>24</td>
<td>5120</td>
<td>37</td>
<td>19.8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tipo Type</th>
<th>Coppia massima / Peak torque [mNm]</th>
<th>Corrente nominale / Rated current [A]</th>
<th>Resistenza / Resistance [ohm]</th>
<th>Corrente massima / Peak current [A]</th>
<th>Peso / Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL002.240</td>
<td>74</td>
<td>1.1</td>
<td>2.8</td>
<td>1.9</td>
<td>0.25</td>
</tr>
<tr>
<td>BL002.240-IE</td>
<td>74</td>
<td>1.1</td>
<td>2.8</td>
<td>1.9</td>
<td>0.23</td>
</tr>
</tbody>
</table>

**Azionamenti Drives**

![Diagram](image)

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**PM32LN**

<table>
<thead>
<tr>
<th>Ns</th>
<th>L1</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>28.5</td>
<td>85.5</td>
</tr>
<tr>
<td>2</td>
<td>38</td>
<td>95</td>
</tr>
<tr>
<td>3</td>
<td>47.5</td>
<td>104.5</td>
</tr>
<tr>
<td>4</td>
<td>57</td>
<td>114</td>
</tr>
</tbody>
</table>