



# Motoriduttori CC pendolari DC Helical parallel gearmotors

# ECFT

## Dati tecnici

## Technical data

| P <sub>1</sub><br>[W] | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf | i |  | Versione motore<br>Motor version |
|-----------------------|----------------------------------------|------------------------|----|---|-----------------------------------------------------------------------------------|----------------------------------|
|-----------------------|----------------------------------------|------------------------|----|---|-----------------------------------------------------------------------------------|----------------------------------|

| P <sub>1</sub><br>[W] | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf | i |  | Versione motore<br>Motor version |
|-----------------------|----------------------------------------|------------------------|----|---|-------------------------------------------------------------------------------------|----------------------------------|
|-----------------------|----------------------------------------|------------------------|----|---|-------------------------------------------------------------------------------------|----------------------------------|

### 100

|                           |            |           |            |               |                  |                |
|---------------------------|------------|-----------|------------|---------------|------------------|----------------|
| (3000 min <sup>-1</sup> ) | <b>146</b> | 6         | 5.1        | 20.57         | <b>070/105/3</b> | <b>12E/24E</b> |
|                           | <b>90</b>  | 10        | 3.9        | 33.32         |                  |                |
|                           | <b>68</b>  | 13        | 3.8        | 44.36         |                  |                |
|                           | <b>55</b>  | 16        | 3.1        | 54.87         |                  |                |
|                           | <b>42</b>  | 21        | 2.4        | 71.84         |                  |                |
|                           | <b>39</b>  | 23        | 2.2        | 77.07         |                  |                |
|                           | <b>34</b>  | 27        | 1.9        | 88.87         |                  |                |
|                           | <b>24</b>  | 37        | 1.4        | 124.81        |                  |                |
|                           | <b>17</b>  | 54        | 0.9        | 181.35        |                  |                |
|                           | <b>13</b>  | 67        | 0.8        | 224.32        |                  |                |
|                           | <b>9.5</b> | <b>86</b> | <b>0.6</b> | <b>315.05</b> | <b>070/105/4</b> | <b>12E/24E</b> |
|                           | <b>11</b>  | 78        | 0.6        | 262.16        |                  |                |
|                           | <b>8.1</b> | 94        | 0.5        | 368.19        |                  |                |
|                           | <b>5.6</b> | 94        | 0.5        | 534.98        |                  |                |
|                           | <b>4.5</b> | 94        | 0.5        | 661.76        |                  |                |
|                           | <b>3.2</b> | 94        | 0.5        | 929.40        |                  |                |
|                           | <b>49</b>  | 18        | 4.7        | 60.63         | <b>070/146</b>   | <b>12E/24E</b> |
|                           | <b>35</b>  | 25        | 3.4        | 84.63         |                  |                |
|                           | <b>31</b>  | 29        | 3.0        | 95.61         |                  |                |
|                           | <b>26</b>  | 34        | 2.5        | 113.40        |                  |                |
|                           | <b>22</b>  | 40        | 2.1        | 133.45        |                  |                |
|                           | <b>20</b>  | 45        | 1.9        | 150.18        |                  |                |
|                           | <b>19</b>  | 48        | 1.9        | 160.43        |                  |                |
|                           | <b>17</b>  | 54        | 1.7        | 178.83        |                  |                |
|                           | <b>13</b>  | 67        | 1.4        | 223.92        |                  |                |
|                           | <b>13</b>  | 71        | 1.3        | 236.83        |                  |                |
|                           | <b>10</b>  | 90        | 1.0        | 300.07        |                  |                |
|                           | <b>7.5</b> | 119       | 0.8        | 397.38        |                  |                |

### 250

|                           |            |     |     |        |                  |                    |
|---------------------------|------------|-----|-----|--------|------------------|--------------------|
| (3000 min <sup>-1</sup> ) | <b>146</b> | 15  | 2.0 | 20.57  | <b>180/105/3</b> | <b>120/240</b>     |
|                           | <b>90</b>  | 25  | 1.6 | 33.32  |                  |                    |
|                           | <b>68</b>  | 33  | 1.5 | 44.36  |                  |                    |
|                           | <b>55</b>  | 41  | 1.2 | 54.87  |                  |                    |
|                           | <b>42</b>  | 54  | 0.9 | 71.84  |                  |                    |
|                           | <b>39</b>  | 58  | 0.9 | 77.07  |                  |                    |
|                           | <b>34</b>  | 66  | 0.8 | 88.87  |                  |                    |
|                           | <b>49</b>  | 45  | 1.9 | 60.63  | <b>180/146</b>   | <b>120/240/24E</b> |
|                           | <b>35</b>  | 63  | 1.4 | 84.63  |                  |                    |
|                           | <b>31</b>  | 72  | 1.2 | 95.61  |                  |                    |
|                           | <b>26</b>  | 85  | 1.0 | 113.40 |                  |                    |
|                           | <b>22</b>  | 100 | 0.9 | 133.45 |                  |                    |
|                           | <b>20</b>  | 112 | 0.8 | 150.18 |                  |                    |
|                           | <b>19</b>  | 120 | 0.8 | 160.43 |                  |                    |

### 350

|                           |            |     |      |        |                |                |
|---------------------------|------------|-----|------|--------|----------------|----------------|
| (3000 min <sup>-1</sup> ) | <b>49</b>  | 64  | 1.4  | 60.63  | <b>250/146</b> | <b>120/240</b> |
|                           | <b>35</b>  | 89  | 1.0  | 84.63  |                |                |
|                           | <b>31</b>  | 100 | 0.9  | 95.61  |                |                |
|                           | <b>26</b>  | 119 | 0.7  | 113.40 |                |                |
|                           | <b>147</b> | 21  | 12.8 | 20.41  | <b>250/196</b> | <b>120/240</b> |
|                           | <b>70</b>  | 45  | 7.9  | 42.61  |                |                |
|                           | <b>51</b>  | 62  | 6.3  | 59.36  |                |                |
|                           | <b>32</b>  | 97  | 4.4  | 92.82  |                |                |
|                           | <b>24</b>  | 130 | 3.3  | 123.95 |                |                |
|                           | <b>15</b>  | 211 | 2.0  | 201.80 |                |                |
|                           | <b>11</b>  | 282 | 1.5  | 269.47 |                |                |

### 500

|                           |            |     |     |        |                |                |
|---------------------------|------------|-----|-----|--------|----------------|----------------|
| (3000 min <sup>-1</sup> ) | <b>49</b>  | 91  | 0.9 | 60.63  | <b>350/146</b> | <b>120/240</b> |
|                           | <b>147</b> | 31  | 8.9 | 20.41  |                |                |
|                           | <b>70</b>  | 64  | 5.5 | 42.61  | <b>350/196</b> | <b>120/240</b> |
|                           | <b>51</b>  | 89  | 4.4 | 59.36  |                |                |
|                           | <b>32</b>  | 139 | 3.1 | 92.82  |                |                |
|                           | <b>24</b>  | 185 | 2.3 | 123.95 |                |                |
|                           | <b>15</b>  | 302 | 1.4 | 201.80 |                |                |
|                           | <b>11</b>  | 403 | 1.1 | 269.47 |                |                |

### 140

|                           |            |     |     |        |                  |                    |
|---------------------------|------------|-----|-----|--------|------------------|--------------------|
| (3000 min <sup>-1</sup> ) | <b>146</b> | 9   | 3.6 | 20.57  | <b>100/105/3</b> | <b>120/240/24E</b> |
|                           | <b>90</b>  | 14  | 2.8 | 33.32  |                  |                    |
|                           | <b>68</b>  | 19  | 2.7 | 44.36  |                  |                    |
|                           | <b>55</b>  | 23  | 2.2 | 54.87  |                  |                    |
|                           | <b>42</b>  | 30  | 1.7 | 71.84  |                  |                    |
|                           | <b>39</b>  | 32  | 1.6 | 77.07  |                  |                    |
|                           | <b>34</b>  | 37  | 1.4 | 88.87  |                  |                    |
|                           | <b>24</b>  | 52  | 1.0 | 124.81 |                  |                    |
|                           | <b>49</b>  | 25  | 3.4 | 60.63  | <b>100/146</b>   | <b>120/240/24E</b> |
|                           | <b>35</b>  | 35  | 2.4 | 84.63  |                  |                    |
|                           | <b>31</b>  | 40  | 2.1 | 95.61  |                  |                    |
|                           | <b>26</b>  | 48  | 1.8 | 113.40 |                  |                    |
|                           | <b>22</b>  | 56  | 1.5 | 133.45 |                  |                    |
|                           | <b>20</b>  | 63  | 1.4 | 150.18 |                  |                    |
|                           | <b>19</b>  | 67  | 1.4 | 160.43 |                  |                    |
|                           | <b>17</b>  | 75  | 1.2 | 178.83 |                  |                    |
|                           | <b>13</b>  | 94  | 1.0 | 223.92 |                  |                    |
|                           | <b>13</b>  | 99  | 0.9 | 236.83 |                  |                    |
|                           | <b>10</b>  | 126 | 0.7 | 300.07 |                  |                    |

### 800

|                           |            |     |     |        |                |                |
|---------------------------|------------|-----|-----|--------|----------------|----------------|
| (3000 min <sup>-1</sup> ) | <b>147</b> | 49  | 5.6 | 20.41  | <b>600/196</b> | <b>120/240</b> |
|                           | <b>70</b>  | 102 | 3.4 | 42.61  |                |                |
|                           | <b>51</b>  | 142 | 2.7 | 59.36  |                |                |
|                           | <b>32</b>  | 222 | 1.9 | 92.82  |                |                |
|                           | <b>24</b>  | 297 | 1.4 | 123.95 |                |                |
|                           | <b>15</b>  | 483 | 0.9 | 201.80 |                |                |

N.B.

Verificare sempre che la coppia M<sub>2</sub> utilizzata non ecceda il valore indicato nelle caselle in grigio

N.B.

Please check that the output torque M<sub>2</sub> does not exceed the value in the grey areas

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