

| Engineering data        |                | Mechanical data            |                        |
|-------------------------|----------------|----------------------------|------------------------|
| Ratio                   | 16             | Radial force for 20'000h   | 550 N                  |
| Number of stages        | 2              | Radial force for 30'000h   | 500 N                  |
| Rated output torque     | 35 Nm          | Max. radial force          | 900 N                  |
| Cycling output torque   | 44 Nm          | Axial force for 20'000h    | 1200 N                 |
| Max output torque       | 65 Nm          | Axial force for 30'000h    | 1200 N                 |
| Emergency output torque | 88 Nm          | Max. axial force           | 1200 N                 |
| Rated input speed       | 4500 rpm       | Protection                 | IP54                   |
| Max input speed         | 13000 rpm      | Input inertia              | 0.09 kgcm <sup>2</sup> |
| Efficiency              | 95 %*          | Mass                       | 1.32 kg                |
| Operating temperature   | <-25; 90> °C   | Tilting moment for 20'000h | 12 Nm                  |
| Backlash                | < 12 arcmin    | Tilting moment for 30'000h | 11 Nm                  |
| Service life            | 20000 h        | Max. bending moment        | 12 Nm                  |
| Running noise           | 58 dB(A)       |                            |                        |
| Torsional stiffness     | 8.50 Nm/arcmin |                            |                        |

\* at rated speed & torque

| Lubrication |                               |
|-------------|-------------------------------|
| Type        | Standard                      |
| Lubricant   | Grease (lifetime lubrication) |

| Customs info |          |
|--------------|----------|
| HS Code      | 84834090 |

Output shaft design      Flange with dowel hole

| Supported motors      |                             |
|-----------------------|-----------------------------|
| Motor types           | TGN2, TGT2, TGH2            |
| Clamping diameter     | 11 mm                       |
| Input flange          | Motor adaptation - one part |
| Installation position | Any                         |

