

| Engineering data        |                 | Mechanical data            |                        |
|-------------------------|-----------------|----------------------------|------------------------|
| Ratio                   | 25              | Radial force for 20'000h   | 4900 N                 |
| Number of stages        | 2               | Radial force for 30'000h   | 4350 N                 |
| Rated output torque     | 130 Nm          | Max. radial force          | 4900 N                 |
| Cycling output torque   | 260 Nm          | Axial force for 20'000h    | 9500 N                 |
| Max output torque       | 415 Nm          | Axial force for 30'000h    | 8400 N                 |
| Emergency output torque | 650 Nm          | Max. axial force           | 9500 N                 |
| Rated input speed       | 4000 rpm        | Protection                 | IP65                   |
| Max input speed         | 10000 rpm       | Input inertia              | 2.02 kgcm <sup>2</sup> |
| Efficiency              | 95 %*           | Mass                       | 6.81 kg                |
| Operating temperature   | <-25; 90> °C    | Tilting moment for 20'000h | 475 Nm                 |
| Backlash                | < 1 arcmin      | Tilting moment for 30'000h | 422 Nm                 |
| Service life            | 20000 h         | Max. bending moment        | 38 Nm                  |
| Running noise           | 65 dB(A)        |                            |                        |
| Torsional stiffness     | 75.00 Nm/arcmin |                            |                        |

\* at rated speed & torque

| Lubrication |                                       |
|-------------|---------------------------------------|
| Type        | Standard                              |
| Lubricant   | Castrol Optigear Synthetic<br>800/150 |

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

Output shaft design      Flange with dowel hole

| Supported motors      |                                                      |
|-----------------------|------------------------------------------------------|
| Motor types           | TGN5, TGT5, TGH5                                     |
| Clamping diameter     | 24 mm                                                |
| Input flange          | Motor adaptation - 2 part,<br>round universal flange |
| Installation position | Any                                                  |

