

| Engineering data        |                  | Mechanical data            |                        |
|-------------------------|------------------|----------------------------|------------------------|
| Ratio                   | 7                | Radial force for 20'000h   | 12000 N                |
| Number of stages        | 1                | Radial force for 30'000h   | 11000 N                |
| Rated output torque     | 265 Nm           | Max. radial force          | 12000 N                |
| Cycling output torque   | 510 Nm           | Axial force for 20'000h    | 8500 N                 |
| Max output torque       | 810 Nm           | Axial force for 30'000h    | 7500 N                 |
| Emergency output torque | 1300 Nm          | Max. axial force           | 8500 N                 |
| Rated input speed       | 1400 rpm         | Protection                 | IP65                   |
| Max input speed         | 6500 rpm         | Input inertia              | 8.24 kgcm <sup>2</sup> |
| Efficiency              | 97 %*            | Mass                       | 12.92 kg               |
| Operating temperature   | <-25; 90> °C     | Tilting moment for 20'000h | 1219 Nm                |
| Backlash                | < 1 arcmin       | Tilting moment for 30'000h | 1117 Nm                |
| Service life            | 20000 h          | Max. bending moment        | 180 Nm                 |
| Running noise           | 70 dB(A)         | Output shaft design        | Flange                 |
| Torsional stiffness     | 211.00 Nm/arcmin |                            |                        |

\* at rated speed & torque

| Lubrication  |                                    | Supported motors      |                                                    |
|--------------|------------------------------------|-----------------------|----------------------------------------------------|
| Type         | Standard                           | Motor types           | TGN6, TGT6                                         |
| Lubricant    | Castrol Optigear Synthetic 800/150 | Clamping diameter     | 35 mm                                              |
|              |                                    | Input flange          | Motor adaptation - 2 part, square universal flange |
| Customs info |                                    | Installation position | Any                                                |
| HS Code      | 84834090                           |                       |                                                    |

