

| Engineering data        |                  | Mechanical data            |                         |
|-------------------------|------------------|----------------------------|-------------------------|
| Ratio                   | 16               | Radial force for 20'000h   | 33000 N                 |
| Number of stages        | 2                | Radial force for 30'000h   | 29500 N                 |
| Rated output torque     | 900 Nm           | Max. radial force          | 33000 N                 |
| Cycling output torque   | 1800 Nm          | Axial force for 20'000h    | 25000 N                 |
| Max output torque       | 2400 Nm          | Axial force for 30'000h    | 25000 N                 |
| Emergency output torque | 3600 Nm          | Max. axial force           | 29500 N                 |
| Rated input speed       | 1100 rpm         | Protection                 | IP65                    |
| Max input speed         | 6500 rpm         | Input inertia              | 11.81 kgcm <sup>2</sup> |
| Efficiency              | 96 %*            | Mass                       | 42.40 kg                |
| Operating temperature   | <-25; 90> °C     | Tilting moment for 20'000h | 4957 Nm                 |
| Backlash                | < 1 arcmin       | Tilting moment for 30'000h | 4431 Nm                 |
| Service life            | 20000 h          | Max. bending moment        | 180 Nm                  |
| Running noise           | 74 dB(A)         | Output shaft design        | Flange                  |
| Torsional stiffness     | 532.00 Nm/arcmin |                            |                         |

\* at rated speed & torque

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

