

| Engineering data          |                                    | Mechanical data            |                                                   |
|---------------------------|------------------------------------|----------------------------|---------------------------------------------------|
| Ratio                     | 50                                 | 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   | 600 Nm                             | Max. axial force           | 9500 N                                            |
| Rated input speed         | 4000 rpm                           | Protection                 | IP65                                              |
| Max input speed           | 10000 rpm                          | Input inertia              | 1.90 kgcm <sup>2</sup>                            |
| Efficiency                | 94 %*                              | Mass                       | 6.88 kg                                           |
| Operating temperature     | <-25; 90> °C                       | Tilting moment for 20'000h | 475 Nm                                            |
| Backlash                  | < 5 arcmin                         | Tilting moment for 30'000h | 422 Nm                                            |
| Service life              | 20000 h                            | Max. bending moment        | 38 Nm                                             |
| Running noise             | 65 dB(A)                           | Output shaft design        | Flange with dowel hole                            |
| Torsional stiffness       | 75.00 Nm/arcmin                    |                            |                                                   |
| * at rated speed & torque |                                    |                            |                                                   |
| Lubrication               |                                    | Supported motors           |                                                   |
| Type                      | Standard                           | Motor types                | TGN5, TGT5, TGH5                                  |
| Lubricant                 | Castrol Optigear Synthetic 800/150 | Clamping diameter          | 24 mm                                             |
| Customs info              |                                    | Input flange               | Motor adaptation - 2 part, round universal flange |
| HS Code                   | 84834090                           | Installation position      | Any                                               |

