

| Engineering data          |                                    | Mechanical data            |                                                   |
|---------------------------|------------------------------------|----------------------------|---------------------------------------------------|
| Ratio                     | 32                                 | Radial force for 20'000h   | 12000 N                                           |
| Number of stages          | 2                                  | Radial force for 30'000h   | 11000 N                                           |
| Rated output torque       | 300 Nm                             | Max. radial force          | 12000 N                                           |
| Cycling output torque     | 600 Nm                             | Axial force for 20'000h    | 8500 N                                            |
| Max output torque         | 960 Nm                             | Axial force for 30'000h    | 7500 N                                            |
| Emergency output torque   | 1500 Nm                            | Max. axial force           | 8500 N                                            |
| Rated input speed         | 3500 rpm                           | Protection                 | IP65                                              |
| Max input speed           | 8500 rpm                           | Input inertia              | 2.07 kgcm <sup>2</sup>                            |
| Efficiency                | 95 %*                              | Mass                       | 14.79 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        | 80 Nm                                             |
| Running noise             | 70 dB(A)                           | Output shaft design        | Flange with dowel hole                            |
| Torsional stiffness       | 223.00 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                                               |

