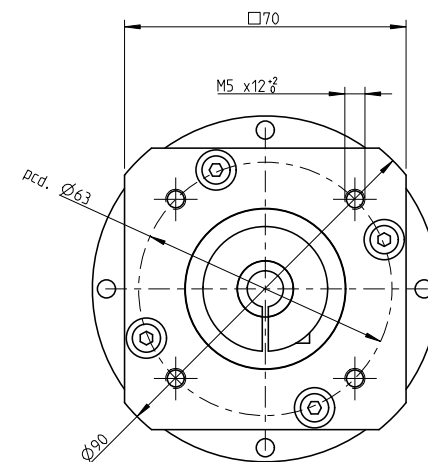
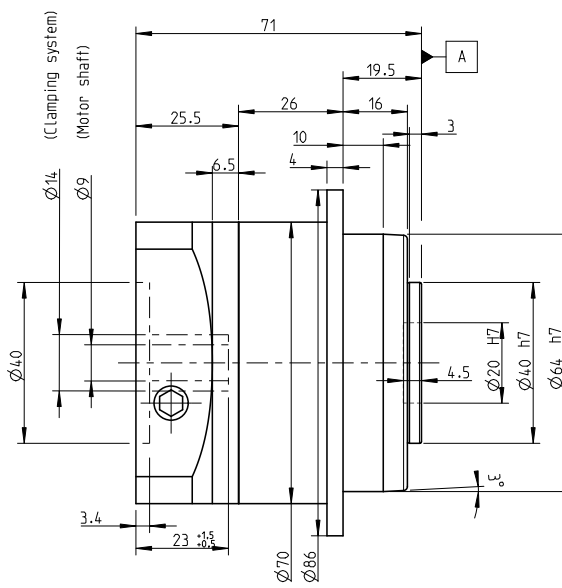
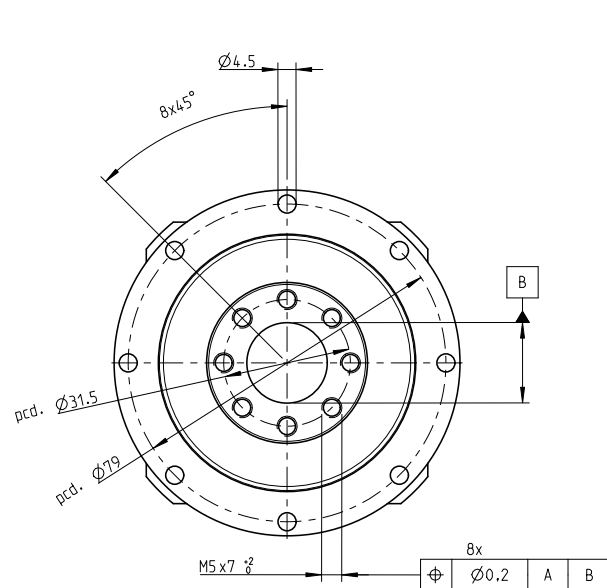


| Engineering data        |                 | Mechanical data            |                        |
|-------------------------|-----------------|----------------------------|------------------------|
| Ratio                   | 7               | Radial force for 20'000h   | 2150 N                 |
| Number of stages        | 1               | Radial force for 30'000h   | 1900 N                 |
| Rated output torque     | 22 Nm           | Max. radial force          | 2150 N                 |
| Cycling output torque   | 39 Nm           | Axial force for 20'000h    | 4300 N                 |
| Max output torque       | 59 Nm           | Axial force for 30'000h    | 3800 N                 |
| Emergency output torque | 90 Nm           | Max. axial force           | 4300 N                 |
| Rated input speed       | 3200 rpm        | Protection                 | IP65                   |
| Max input speed         | 14000 rpm       | Input inertia              | 0.23 kgcm <sup>2</sup> |
| Efficiency              | 95 %*           | Mass                       | 1.33 kg                |
| Operating temperature   | <-25; 90> °C    | Tilting moment for 20'000h | 132 Nm                 |
| Backlash                | < 2 arcmin      | Tilting moment for 30'000h | 117 Nm                 |
| Service life            | 20000 h         | Max. bending moment        | 18 Nm                  |
| Running noise           | 60 dB(A)        | Output shaft design        | Flange                 |
| Torsional stiffness     | 13.20 Nm/arcmin |                            |                        |

\* at rated speed & torque

| Lubrication  |                                    | Supported motors      |                                                   |
|--------------|------------------------------------|-----------------------|---------------------------------------------------|
| Type         | Standard                           | Motor types           | TGN2, TGT2, TGH2                                  |
| Lubricant    | Castrol Optigear Synthetic 800/150 | Clamping diameter     | 14 mm                                             |
|              |                                    | Input flange          | Motor adaptation - 2 part, round universal flange |
| Customs info |                                    | Installation position | Any                                               |
| HS Code      | 84834090                           |                       |                                                   |



|              |                 |  |           |          |                  |              |
|--------------|-----------------|--|-----------|----------|------------------|--------------|
| INDEX        | ZMĚNA           |  | DATUM     | PODPIS   |                  |              |
| ZM.MAT.      |                 |  |           | T.O.     | HMOTNOST kg      | MĚŘ.         |
| ROZM.-POLOT. |                 |  |           |          |                  |              |
| ROZM. ZAŘ.   |                 |  |           |          | ČSN              | TR.Č.        |
| VYPR.        | NORM. REF.      |  |           |          | POZN.            | Č. KUSOVNÍKU |
| PŘEKR.       |                 |  |           |          |                  |              |
| TECHNOL.     | SCHVÁLIL.       |  | 12.9.2020 | STARÝ V. |                  | Č.V.         |
| NÁZEV        | Gearbox SGFN064 |  |           |          | TGN2, TGH2, TGT2 |              |
|              |                 |  |           |          | Listů            |              |