| Engineering data | | |
|---|---|---|
| Ratio | 10 | |
| Number of stages | 1 | |
| Rated output torque | 32 | Nm |
| Cycling output torque | 38 | Nm |
| Max output torque | 60 | Nm |
| Emergency output torque | 200 | Nm |
| Rated input speed | 4000 | rpm |
| Max input speed | 7000 | rpm |
| Efficiency* | 96 | % |
| Operating temperature | <-25; 90> | °C |
| Backlash | < 7 | arcmin |
| Service life | 20000 | h |
| Torsional stiffness | 8.80 | Nm/arcmin |

** at rated speed & torque*

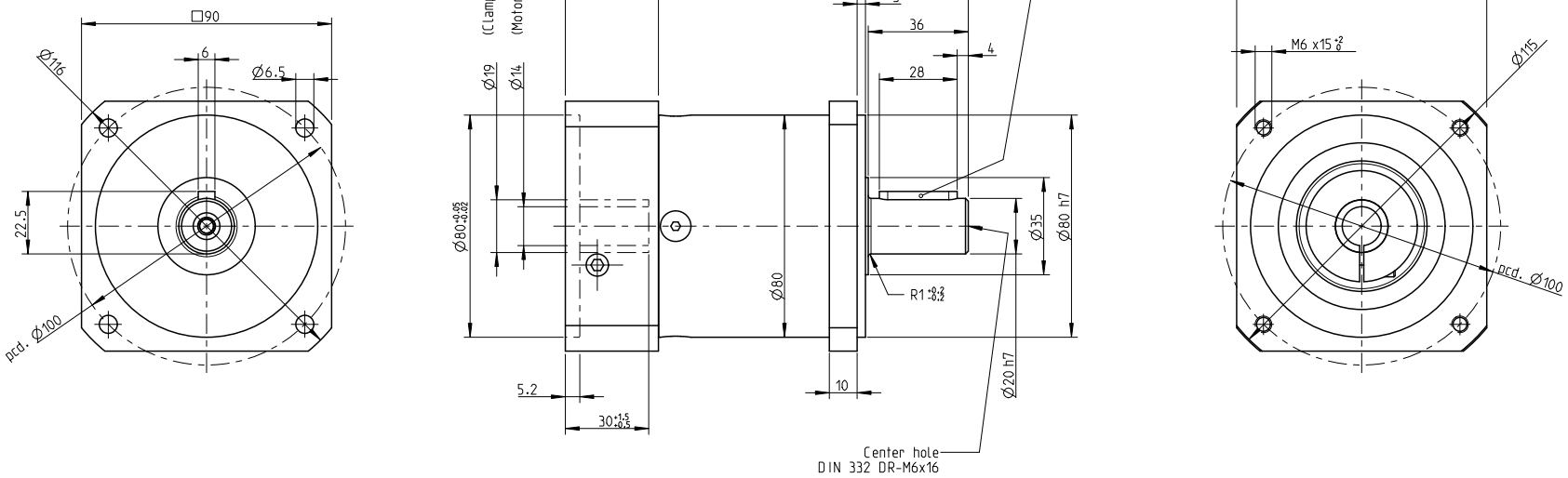
| Lubrication | |
|---|---|
| Type | Standard |
| Lubricant | Grease (lifetime lubrication) |

| Customs info | |
|---|---|
| HS Code | 84834090 |

| Mechanical data | | |
|---|---|---|
| Radial force for 20'000h* | 2200 | N |
| Axial force for 20'000h | 3500 | N |
| Protection | IP54 | |
| Input inertia | 0.37 | kgcm2 |
| Mass | 3.00 | kg |
| Output shaft design | Shaft key | |

** Defined for point of action at ½ output shaft length*

| Supported motors | | |
|---|---|---|
| Motor types | TGN3, TGT3, TGH3 | |
| Clamping diameter | 19 | mm |
| Input flange | Motor adaptation - one part | |
| Installation position | Any | |




| NO OF STAGES | K | K1 |
|---|---|---|
| I. stage | 145 | 71.5 |
| II. stage | 162.5 | 89 |
| III. stage | 180 | 106.5 |

| INDEX | ZMĚNA | DATUM | PODPIS | | |
|---|---|---|---|---|---|
| ZM.MAT. | | | T.O. | HMOTNOST kg | MĚŘ. |
| ROZM.-POLOT. | | | | | |
| ROZM. ZAŘ. | | | | ČSN | TŘ.Č. |
| VYPR. | | NORM. REF. | | POZN. | Č. KUSOVNÍKU |
| PŘEKR. | | | | | |
| TECHNOL. | | SCHVÁLIL. | 12.9.2020 | STARÝ V. | Č.V. |

NÁZEV

Gearbox SGQ080

TGN3, TGH3, TGT3

Listů List