| Engineering data | | |
|---|---|---|
| Ratio | 4 | |
| Number of stages | 1 | |
| Rated output torque | 150 | Nm |
| Cycling output torque | 300 | Nm |
| Max output torque | 305 | Nm |
| Emergency output torque | 500 | Nm |
| Rated input speed | 1300 | rpm |
| Max input speed | 8500 | rpm |
| Efficiency* | 97 | % |
| Operating temperature | <-25; 90> | °C |
| Backlash | < 1 | arcmin |
| Service life | 20000 | h |
| Running noise | 65 | dB(A) |
| Torsional stiffness | 77.00 | Nm/arcmin |

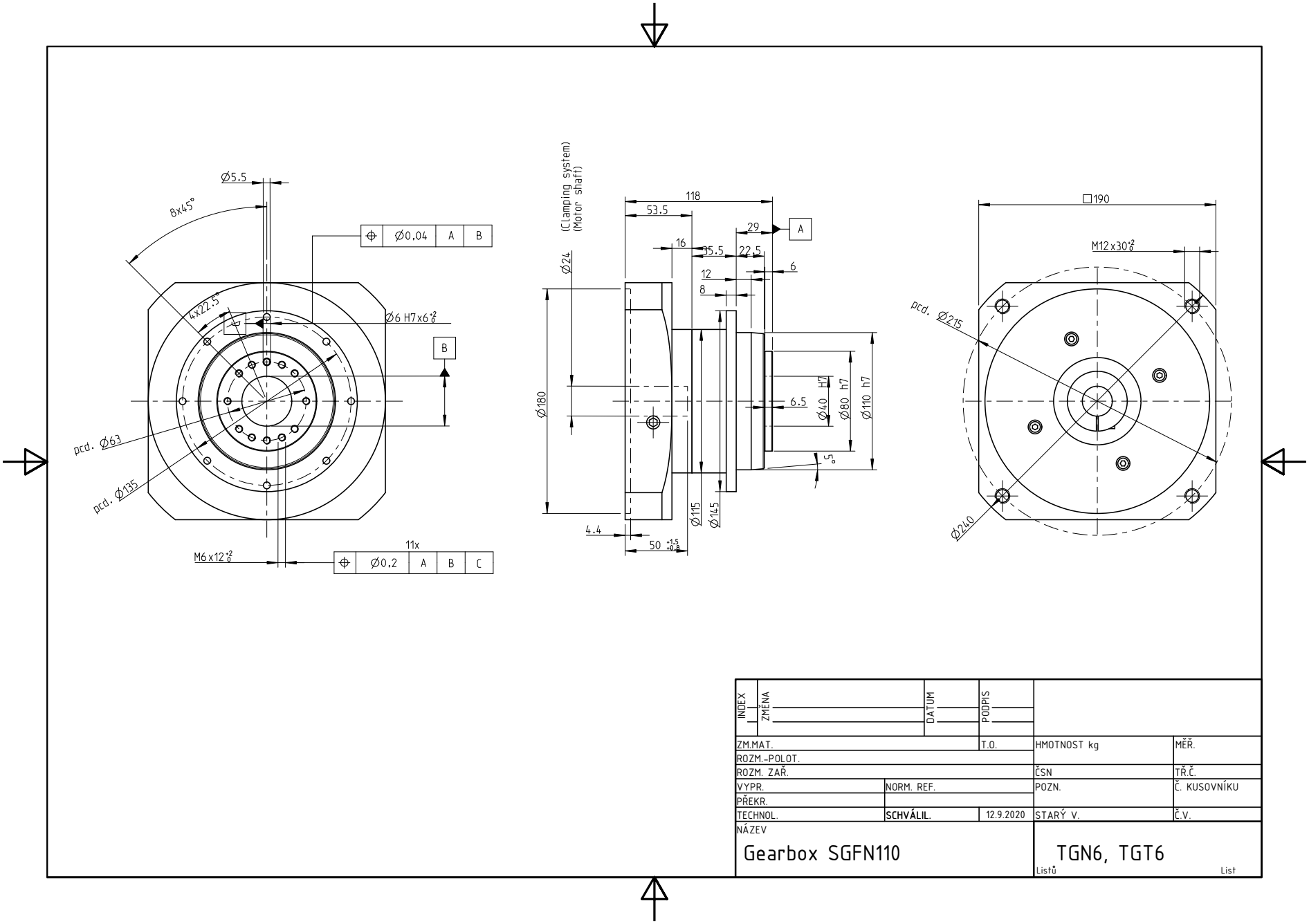
** at rated speed & torque*

| Lubrication | |
|---|---|
| Type | Standard |
| Lubricant | Castrol Optigear Synthetic 800/150 |

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

| Mechanical data | | |
|---|---|---|
| Radial force for 20'000h | 4900 | N |
| Radial force for 30'000h | 4350 | N |
| Max. radial force | 4900 | N |
| Axial force for 20'000h | 9500 | N |
| Axial force for 30'000h | 8400 | N |
| Max. axial force | 9500 | N |
| Protection | IP65 | |
| Input inertia | 2.94 | kgcm2 |
| Mass | 5.14 | kg |
| Tilting moment for 20'000h | 475 | Nm |
| Tilting moment for 30'000h | 422 | Nm |
| Max. bending moment | 80 | Nm |
| Output shaft design | Flange with dowel hole | |

| Supported motors | |
|---|---|
| Motor types | TGN6, TGT6 |
| Clamping diameter | 24 mm |
| Input flange | Motor adaptation - 2 part, round universal flange |
| Installation position | Any |


Ø5.5
8x45°
4x22.5°
Ø0.04 A B
Ø6 H7x6 +2 0
B
pcd. Ø63
pcd. Ø135
M6x12 +2 0
11x
Ø0.2 A B C
(Clamping system)
(Motor shaft)
Ø24
118
53.5
29
A
16
35.5
22.5
6
12
8
Ø180
6.5
Ø40 H7
Ø80 h7
Ø110 h7
5°
Ø115
Ø145
4.4
50 +1.5 +0.8
□190
M12x30 +2 0
pcd. Ø215
Ø240
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T.O.
HMOTNOST kg
MĚŘ.
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ROZM. ZAŘ.
ČSN
TŘ.Č.
VYPR.
NORM. REF.
POZN.
Č. KUSOVNÍKU
PŘEKR.
TECHNOL.
SCHVÁLIL.
12.9.2020
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NÁZEV
Gearbox SGFN110
TGN6, TGT6
Listů
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