

Engineering data		Mechanical data	
Ratio	10	Radial force for 20'000h	4900 N
Number of stages	1	Radial force for 30'000h	4350 N
Rated output torque	62 Nm	Max. radial force	4900 N
Cycling output torque	125 Nm	Axial force for 20'000h	9500 N
Max output torque	200 Nm	Axial force for 30'000h	8400 N
Emergency output torque	295 Nm	Max. axial force	9500 N
Rated input speed	3150 rpm	Protection	IP65
Max input speed	8500 rpm	Input inertia	2.04 kgcm ²
Efficiency	95 %*	Mass	4.91 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	475 Nm
Backlash	< 1 arcmin	Tilting moment for 30'000h	422 Nm
Service life	20000 h	Max. bending moment	80 Nm
Running noise	65 dB(A)		
Torsional stiffness	77.00 Nm/arcmin		

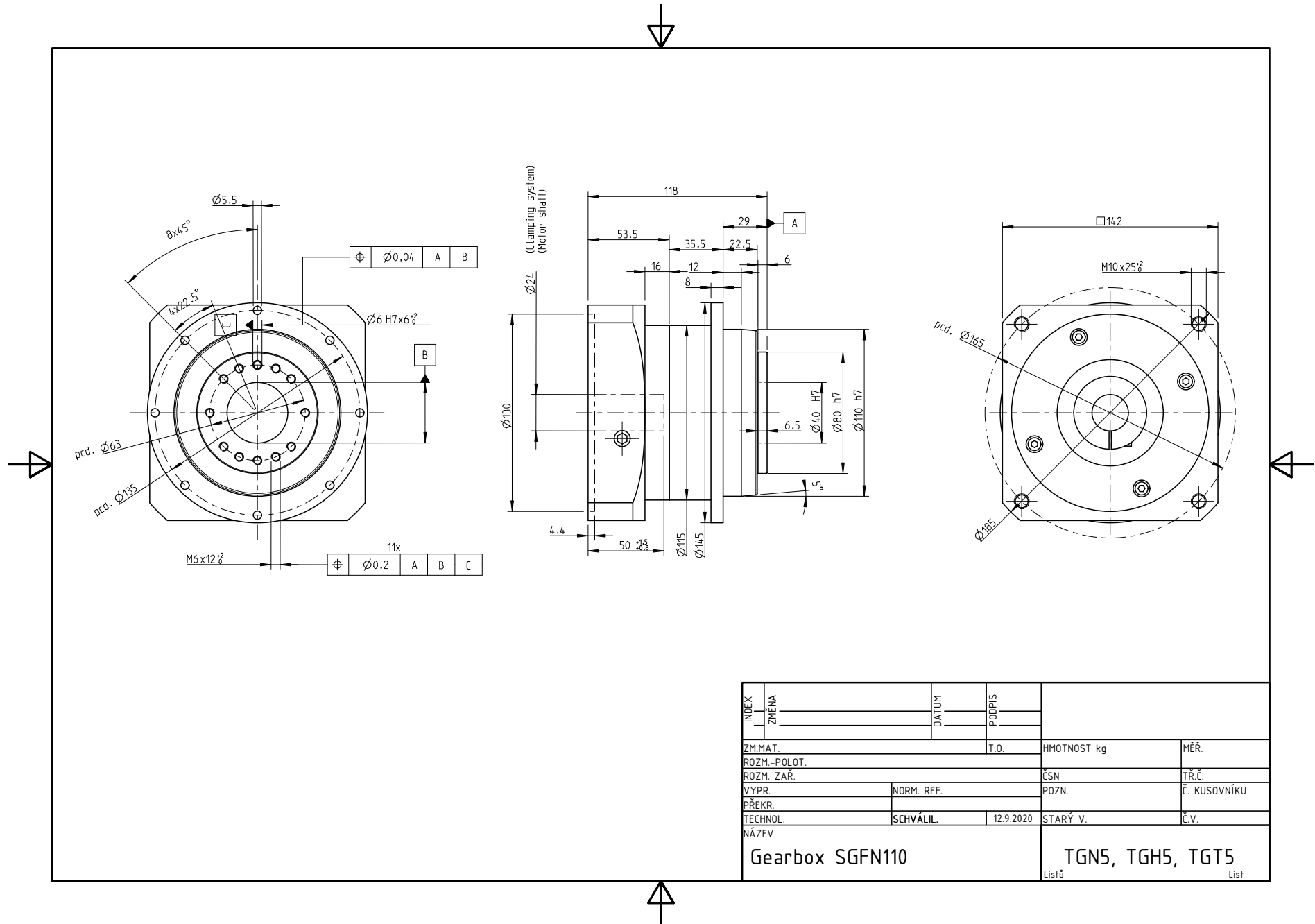
* at rated speed & torque

Lubrication	
Type	Standard
Lubricant	Castrol Optigear Synthetic 800/150

Customs info	
HS Code	84834090

Output shaft design Flange with dowel hole

Supported motors	
Motor types	TGN5, TGT5, TGH5
Clamping diameter	24 mm
Input flange	Motor adaptation - 2 part, round universal flange
Installation position	Any



INDEX	ZMĚNA	DATUM	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
ROZM. ZAR.				ČSN	TR.Č.
VYPR.	NORM. REF.			POZN.	Č. KUSOVNÍKU
PŘEKR.					
TECHNOL.	SCHVÁLIL.	12.9.2020		STARÝ V.	Č.V.
NÁZEV					
Gearbox SGFN110				TGN5, TGH5, TGT5	
				Listů	List