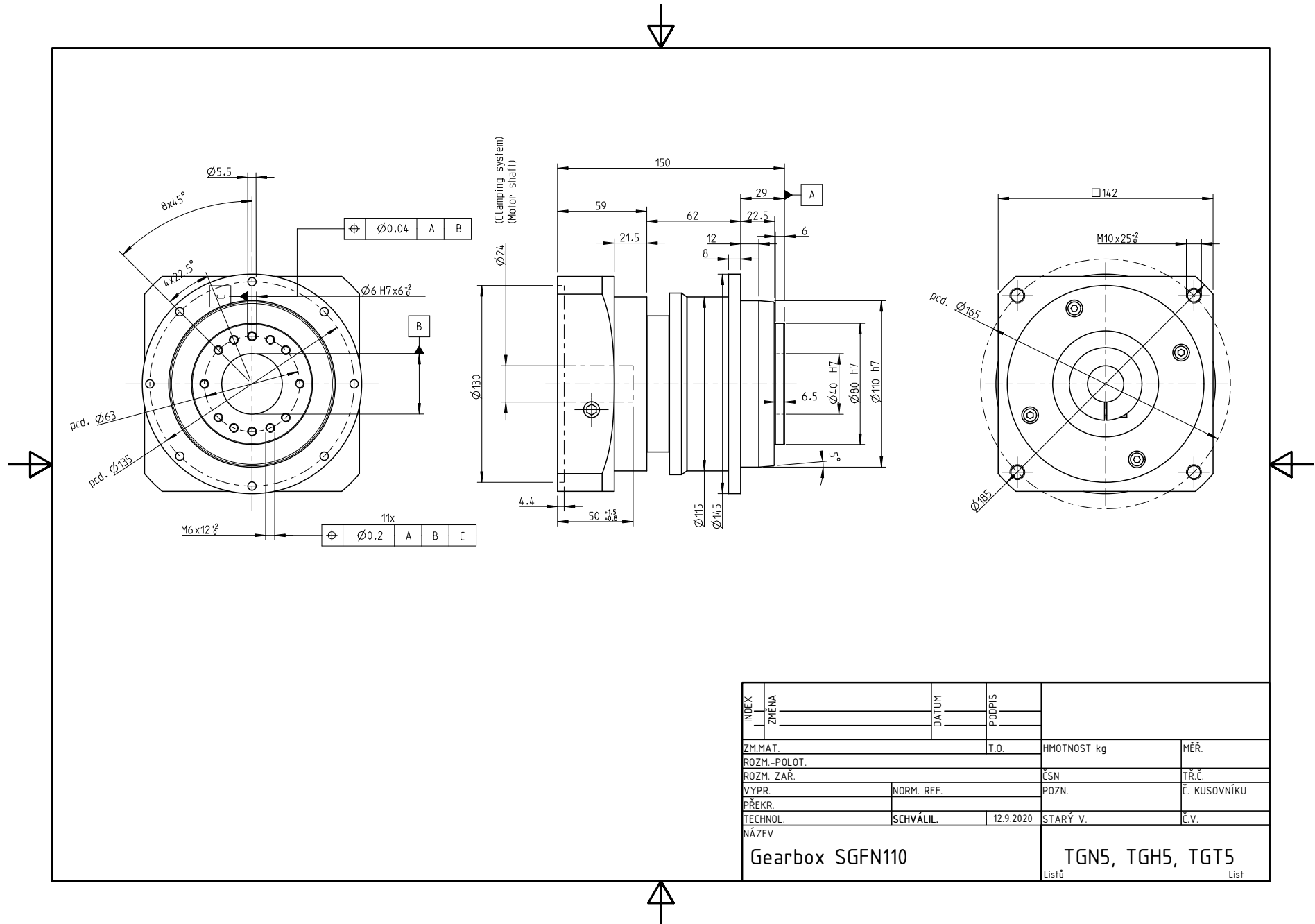


Engineering data		Mechanical data	
Ratio	16	Radial force for 20'000h	4900 N
Number of stages	2	Radial force for 30'000h	4350 N
Rated output torque	150 Nm	Max. radial force	4900 N
Cycling output torque	300 Nm	Axial force for 20'000h	9500 N
Max output torque	480 Nm	Axial force for 30'000h	8400 N
Emergency output torque	650 Nm	Max. axial force	9500 N
Rated input speed	3150 rpm	Protection	IP65
Max input speed	10000 rpm	Input inertia	2.17 kgcm ²
Efficiency	96 %*	Mass	6.76 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	475 Nm
Backlash	< 5 arcmin	Tilting moment for 30'000h	422 Nm
Service life	20000 h	Max. bending moment	38 Nm
Running noise	65 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	75.00 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



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