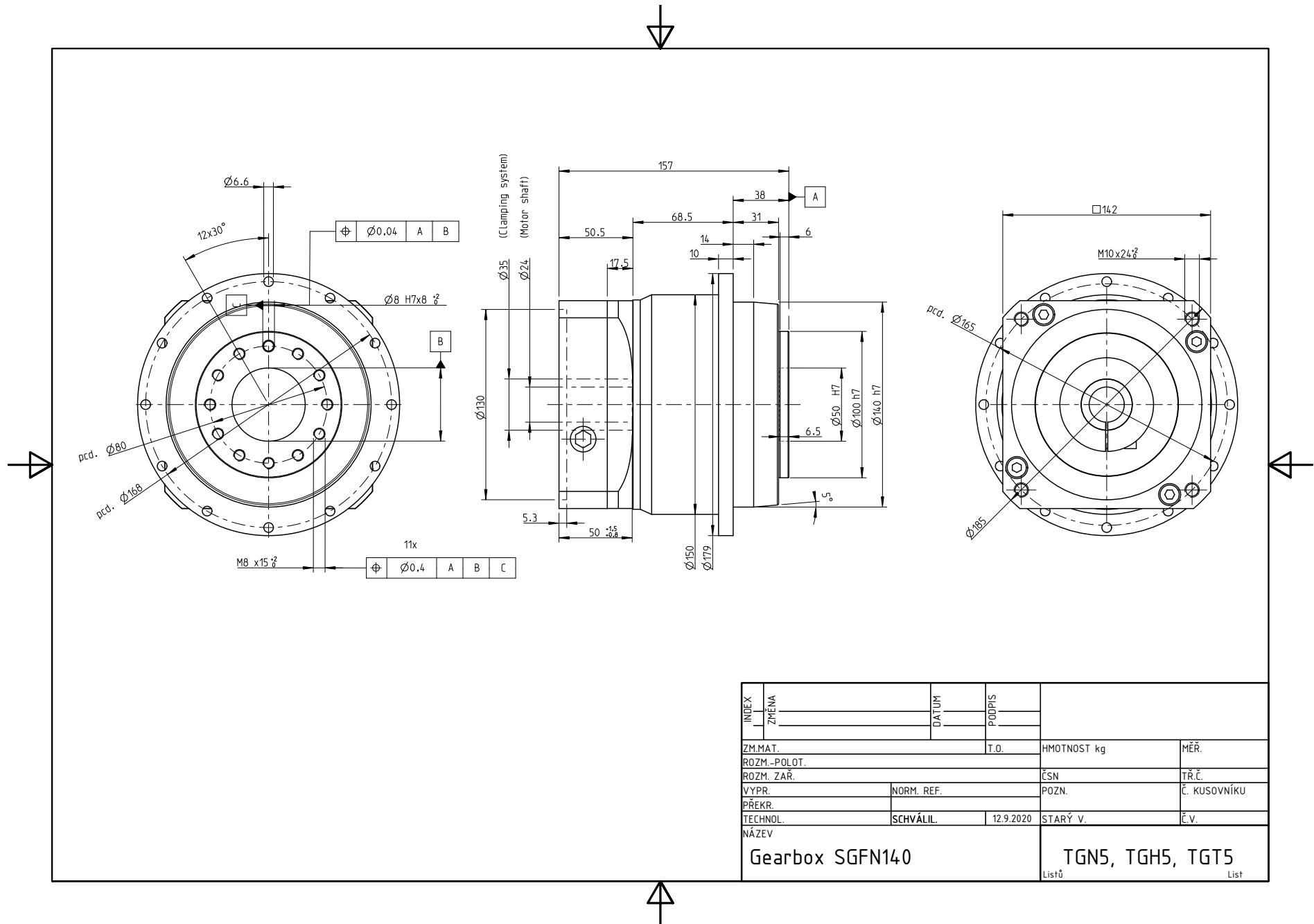


Engineering data		Mechanical data	
Ratio	8	Radial force for 20'000h	12000 N
Number of stages	1	Radial force for 30'000h	11000 N
Rated output torque	225 Nm	Max. radial force	12000 N
Cycling output torque	450 Nm	Axial force for 20'000h	8500 N
Max output torque	560 Nm	Axial force for 30'000h	7500 N
Emergency output torque	970 Nm	Max. axial force	8500 N
Rated input speed	1650 rpm	Protection	IP65
Max input speed	6500 rpm	Input inertia	7.81 kgcm ²
Efficiency	96 %*	Mass	12.94 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	1219 Nm
Backlash	< 1 arcmin	Tilting moment for 30'000h	1117 Nm
Service life	20000 h	Max. bending moment	180 Nm
Running noise	70 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	211.00 Nm/arcmin		
* at rated speed & torque			
Lubrication		Supported motors	
Type	Standard	Motor types	TGN5, TGT5, TGH5
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	35 mm
Customs info		Input flange	Motor adaptation - 2 part, square 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 SGFN140			TGN5, TGH5, TGT5	
				Listů	List