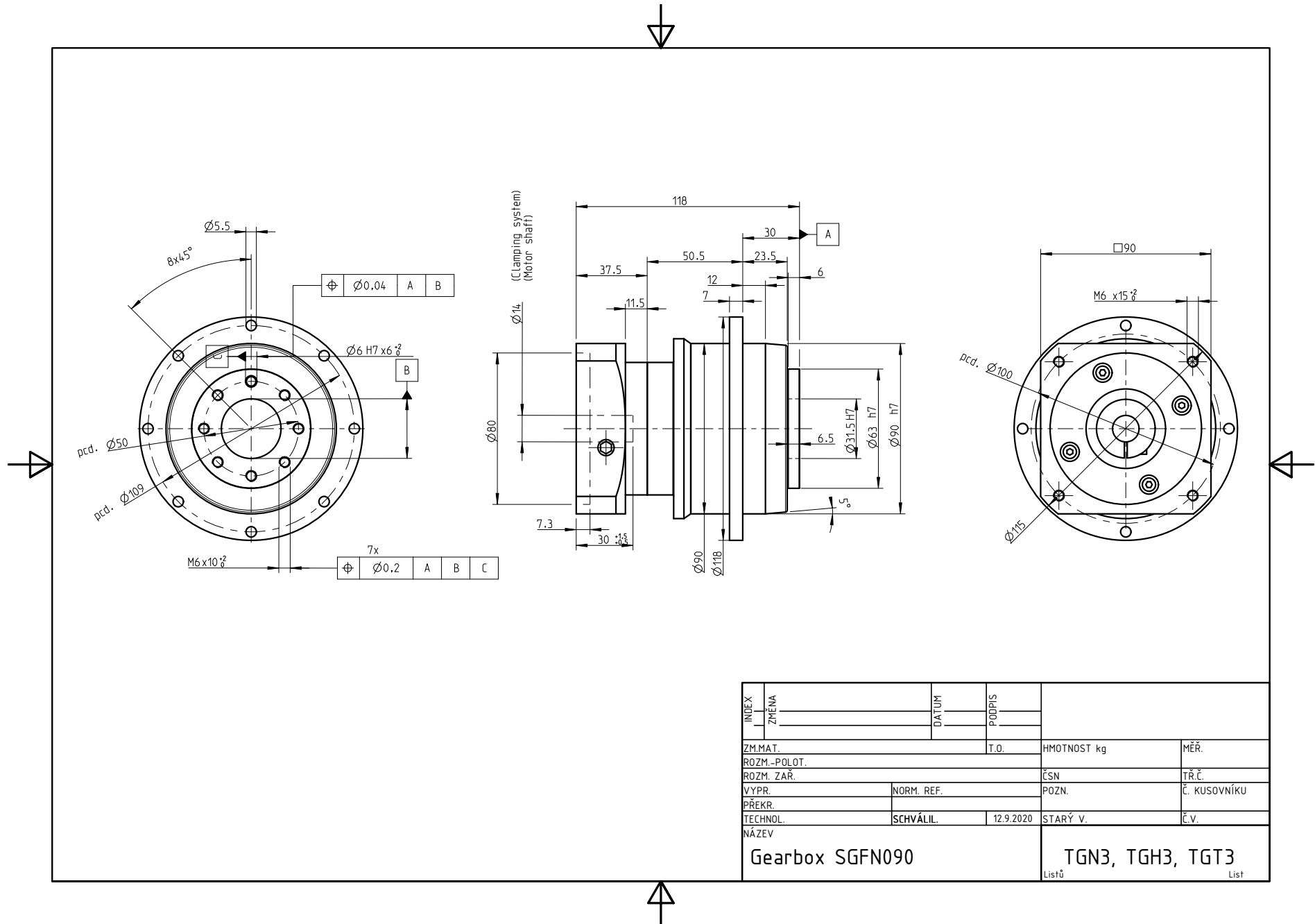


Engineering data		Mechanical data	
Ratio	25	Radial force for 20'000h	3950 N
Number of stages	2	Radial force for 30'000h	3500 N
Rated output torque	70 Nm	Max. radial force	3950 N
Cycling output torque	140 Nm	Axial force for 20'000h	8200 N
Max output torque	220 Nm	Axial force for 30'000h	7200 N
Emergency output torque	300 Nm	Max. axial force	8200 N
Rated input speed	4500 rpm	Protection	IP65
Max input speed	14000 rpm	Input inertia	0.24 kgcm ²
Efficiency	94 %*	Mass	3.34 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	326 Nm
Backlash	< 5 arcmin	Tilting moment for 30'000h	289 Nm
Service life	20000 h	Max. bending moment	18 Nm
Running noise	62 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	32.50 Nm/arcmin		
* at rated speed & torque			
Lubrication		Supported motors	
Type	Standard	Motor types	TGN3, TGT3, TGH3
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	14 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.				ČSN	TR.Č.
ROZM. ZAR.				POZN.	Č. KUSOVNÍKU
VYPR.	NORM. REF.			STARÝ V.	Č.V.
PŘEKR.	SCHVÁLIL.	12.9.2020			
TECHNOL.					
NÁZEV	Gearbox SGFN090			TGN3, TGH3, TGT3	
				Listů	List