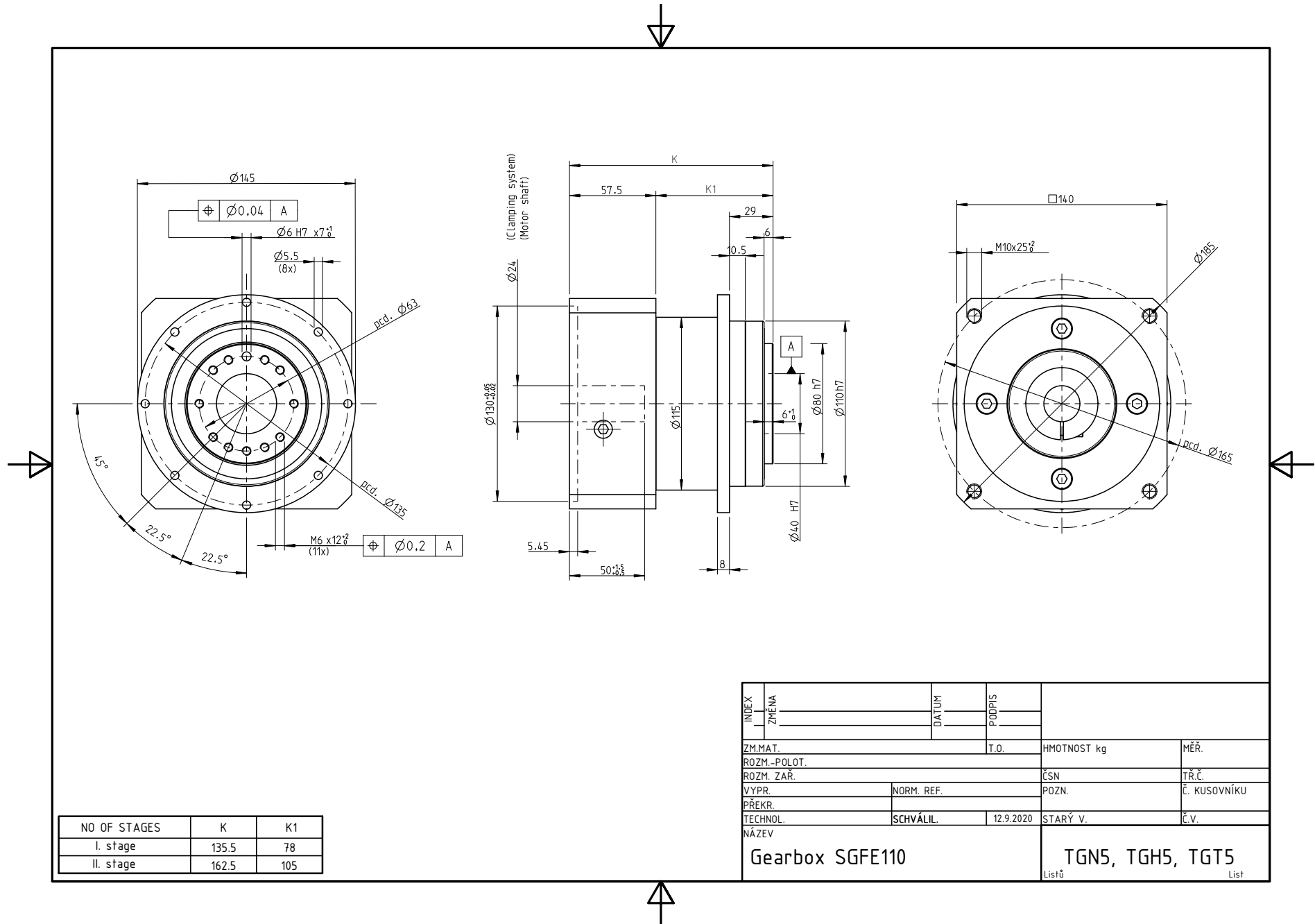


Engineering data		Mechanical data	
Ratio	5	Radial force for 20'000h	2400 N
Number of stages	1	Radial force for 30'000h	2100 N
Rated output torque	165 Nm	Max. radial force	3800 N
Cycling output torque	195 Nm	Axial force for 20'000h	3300 N
Max output torque	310 Nm	Axial force for 30'000h	3300 N
Emergency output torque	500 Nm	Max. axial force	5200 N
Rated input speed	1750 rpm	Protection	IP54
Max input speed	6500 rpm	Input inertia	2.02 kgcm ²
Efficiency	98 %*	Mass	6.58 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	109 Nm
Backlash	< 7 arcmin	Tilting moment for 30'000h	96 Nm
Service life	20000 h	Max. bending moment	40 Nm
Running noise	65 dB(A)		
Torsional stiffness	54.00 Nm/arcmin		

* at rated speed & torque

Output shaft design Flange with dowel hole

Lubrication		Supported motors	
Type	Standard	Motor types	TGN5, TGT5, TGH5
Lubricant	Grease (lifetime lubrication)	Clamping diameter	24 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any



INDEX	ZMĚNA	DATUM	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
ROZM. ZAR.				ČSN	TRČ.
VYPR.	NORM. REF.			POZN.	Č. KUSOVNÍKU
PŘEKR.					
TECHNOL.	SCHVÁLIL.	12.9.2020	STARÝ V.	Č.V.	
NÁZEV					
Gearbox SGFE110				TGN5, TGH5, TGT5	
				Listů	List