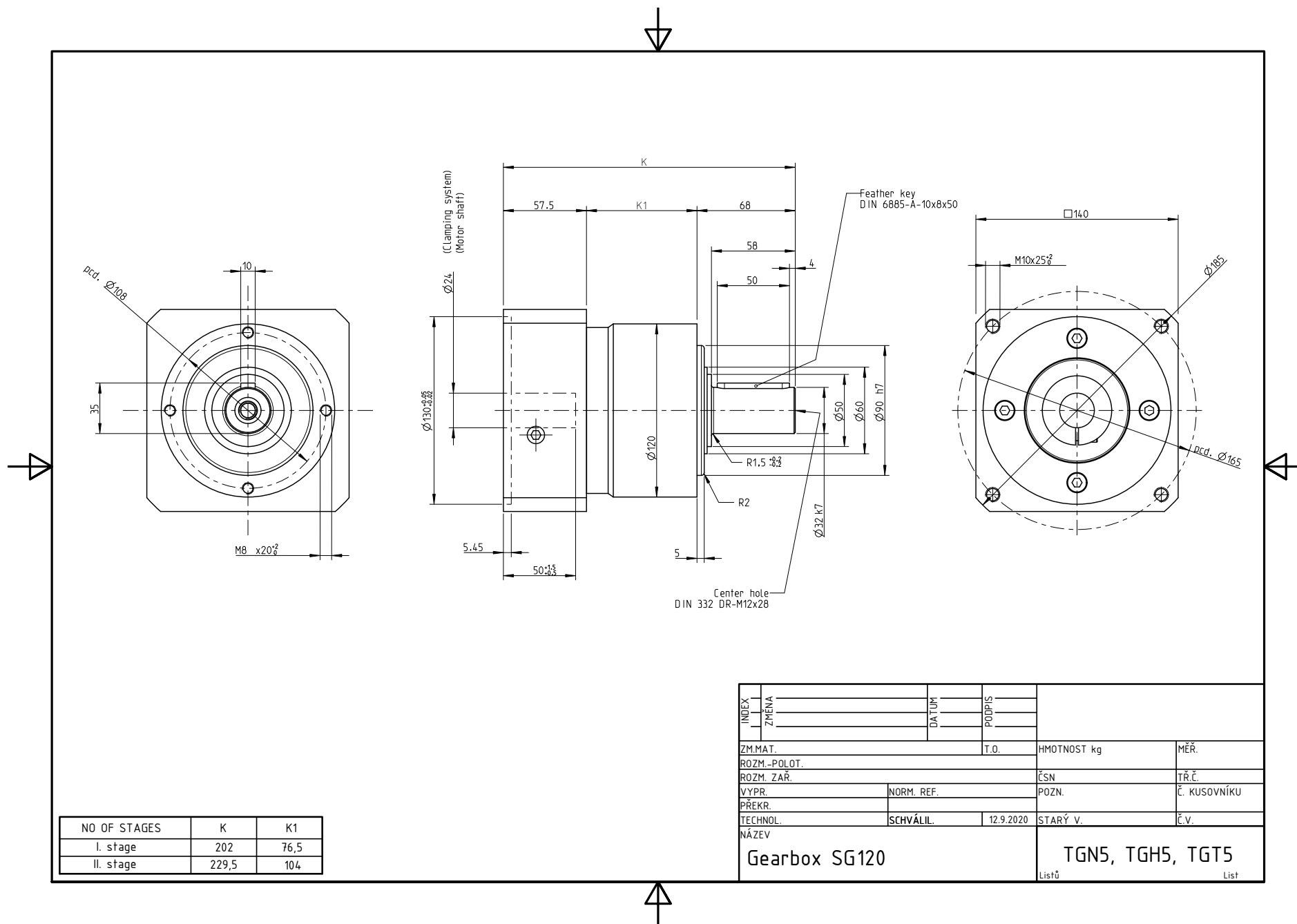


Engineering data		Mechanical data	
Ratio	40	Radial force for 20'000h	2500 N*
Number of stages	2	Radial force for 30'000h	2150 N*
Rated output torque	146 Nm	Max. radial force	4000 N*
Cycling output torque	172 Nm	Axial force for 20'000h	4000 N
Max output torque	275 Nm	Axial force for 30'000h	3000 N
Emergency output torque	500 Nm	Max. axial force	5900 N
Rated input speed	3500 rpm	Protection	IP54
Max input speed	6500 rpm	Input inertia	1.42 kgcm ²
Efficiency	93 %*	Mass	9.52 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	168 Nm
Backlash	< 9 arcmin	Tilting moment for 30'000h	144 Nm
Service life	20000 h	Max. bending moment	40 Nm
Running noise	65 dB(A)	Output shaft design	Shaft key
Torsional stiffness	43.50 Nm/arcmin		

* at rated speed & torque

* Defined for point of action at ½ output shaft length

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



NO OF STAGES	K	K1
I. stage	202	76,5
II. stage	229,5	104

INDEX			DATA				
ZMĚNA							
ZM.MAT.				T.O.		HMOTNOST kg	
ROZM.-POLOT.						MĚŘ.	
ROZM. ZAŘ.						ČSN	
VYPR.		NORM. REF.		POZN.		TR.Č.	
PŘEKR.						Č. KUSOVNÍKU	
TECHNOL.		SCHVÁLIL.		12.9.2020		STARÝ V.	
						Č.V.	
NÁZEV						TGN5, TGH5, TGT5	
Gearbox SG120						Listů	
						List	