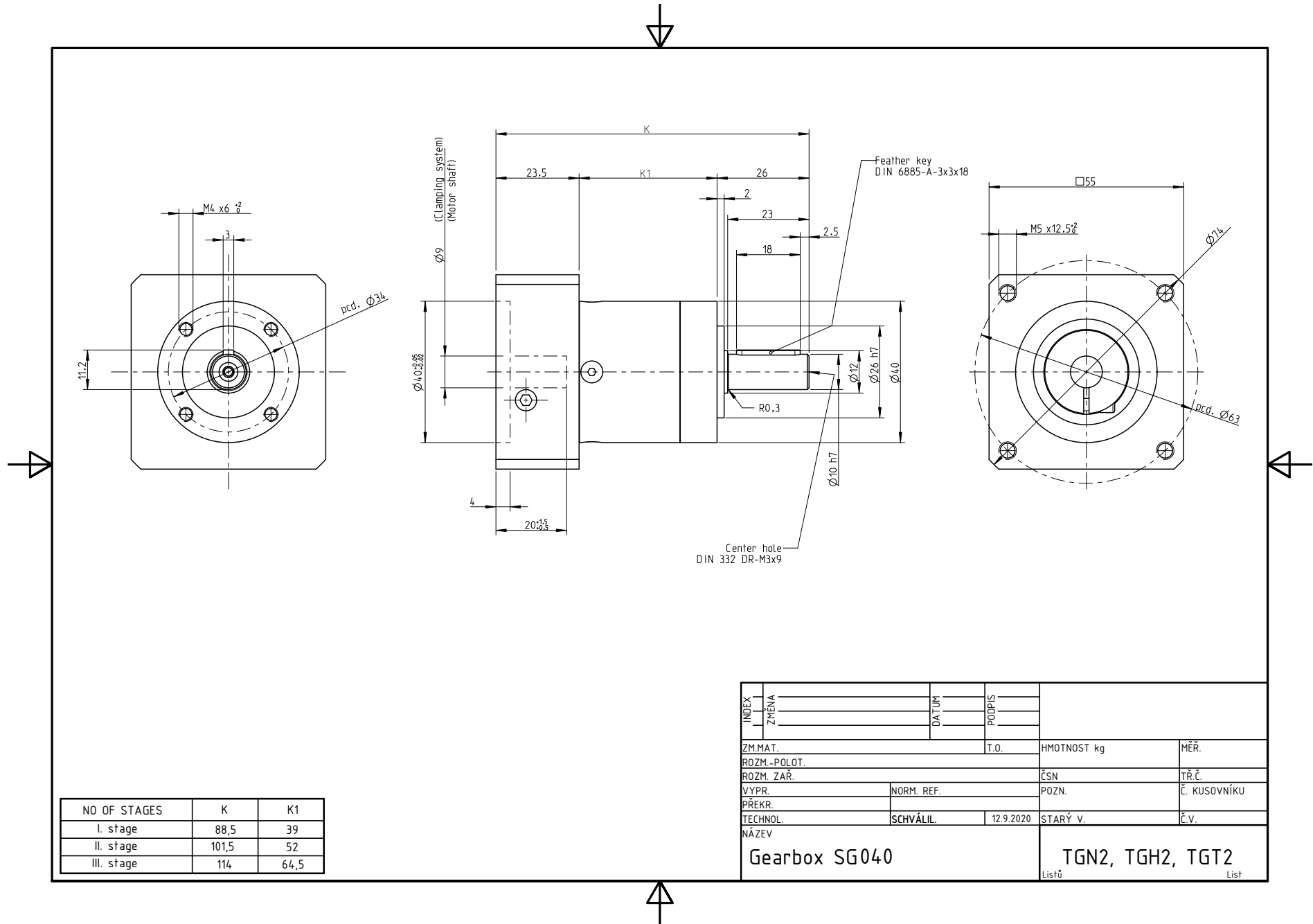


Engineering data		Mechanical data	
Ratio	20	Radial force for 20'000h	200 N*
Number of stages	2	Radial force for 30'000h	160 N*
Rated output torque	17 Nm	Max. radial force	200 N*
Cycling output torque	20 Nm	Axial force for 20'000h	200 N
Max output torque	32 Nm	Axial force for 30'000h	160 N
Emergency output torque	40 Nm	Max. axial force	240 N
Rated input speed	5000 rpm	Protection	IP54
Max input speed	18000 rpm	Input inertia	0.02 kgcm ²
Efficiency	96 %*	Mass	0.44 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	5 Nm
Backlash	< 19 arcmin	Tilting moment for 30'000h	4 Nm
Service life	20000 h	Max. bending moment	4 Nm
Running noise	58 dB(A)	Output shaft design	Shaft key
Torsional stiffness	1.00 Nm/arcmin		

* at rated speed & torque

* Defined for point of action at ½ output shaft length

Lubrication		Supported motors	
Type	Standard	Motor types	TGN2, TGT2, TGH2
Lubricant	Grease (lifetime lubrication)	Clamping diameter	9 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any



NO OF STAGES	K	K1
I. stage	88,5	39
II. stage	101,5	52
III. stage	114	64,5

INDEX	ZMĚNA	DATA	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
ROZM. ZAŘ.				ČSN	TRČ.
VYPR.		NORM. REF.		POZN.	Č. KUSOVNÍKU
PŘEKR.					
TECHNOL.		SCHVÁLIL.	12.9.2020	STARÝ V.	Č.V.
NÁZEV					
Gearbox SG040				TGN2, TGH2, TGT2	
				Listů	List