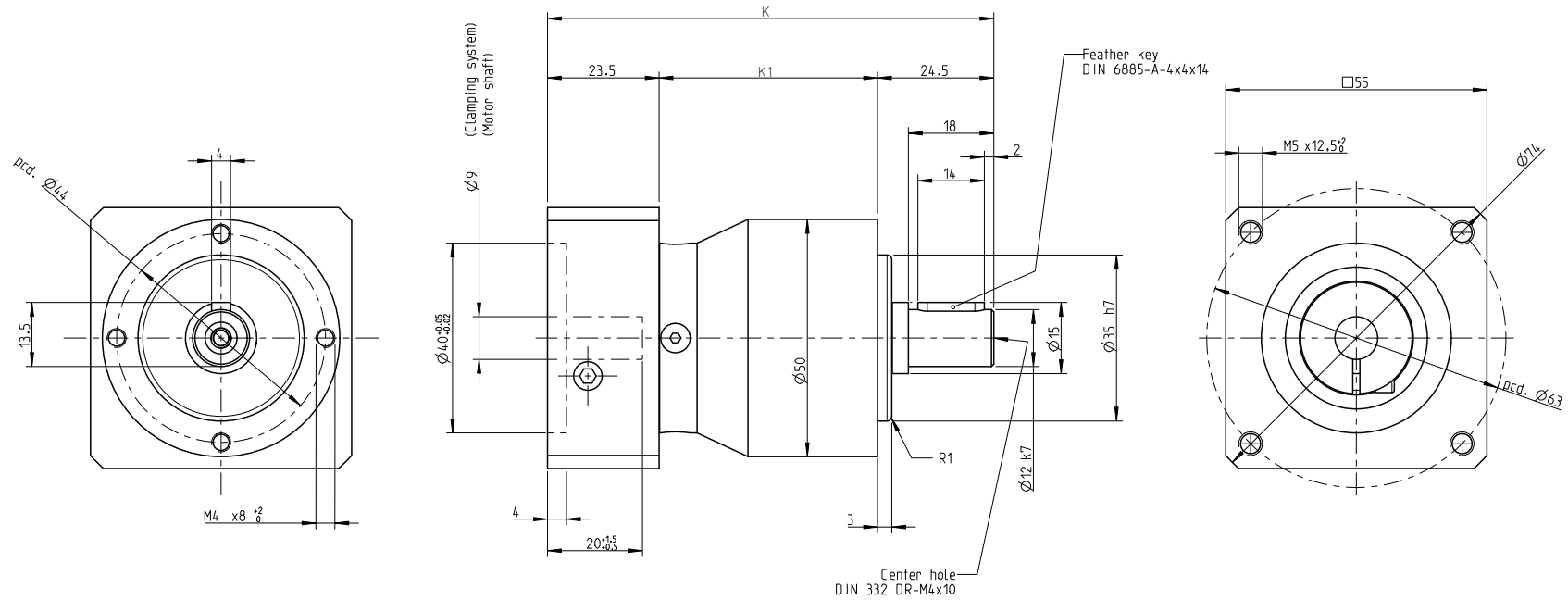


Engineering data		Mechanical data	
Ratio	9	Radial force for 20'000h	800 N*
Number of stages	2	Radial force for 30'000h	700 N*
Rated output torque	5 Nm	Max. radial force	1300 N*
Cycling output torque	12 Nm	Axial force for 20'000h	1000 N
Max output torque	14.5 Nm	Axial force for 30'000h	800 N
Emergency output torque	33 Nm	Max. axial force	1000 N
Rated input speed	5000 rpm	Protection	IP54
Max input speed	18000 rpm	Input inertia	0.03 kgcm ²
Efficiency	96 %*	Mass	0.77 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	26 Nm
Backlash	< 19 arcmin	Tilting moment for 30'000h	22 Nm
Service life	20000 h	Max. bending moment	4 Nm
Running noise	58 dB(A)	Output shaft design	Shaft key
Torsional stiffness	1.05 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	94	46
II. stage	106,5	58,5

INDEX	ZMĚNA	DATA	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.				ČSN	TR.Č.
ROZM. ZAŘ.				POZN.	Č. KUSOVNÍKU
VYPR.	NORM. REF.			STARÝ V.	Č.V.
PŘEKR.					
TECHNOL.	SCHVÁLIL.	12.9.2020			
NÁZEV	Gearbox SG050			TGN2, TGH2, TGT2	
				Listů	List