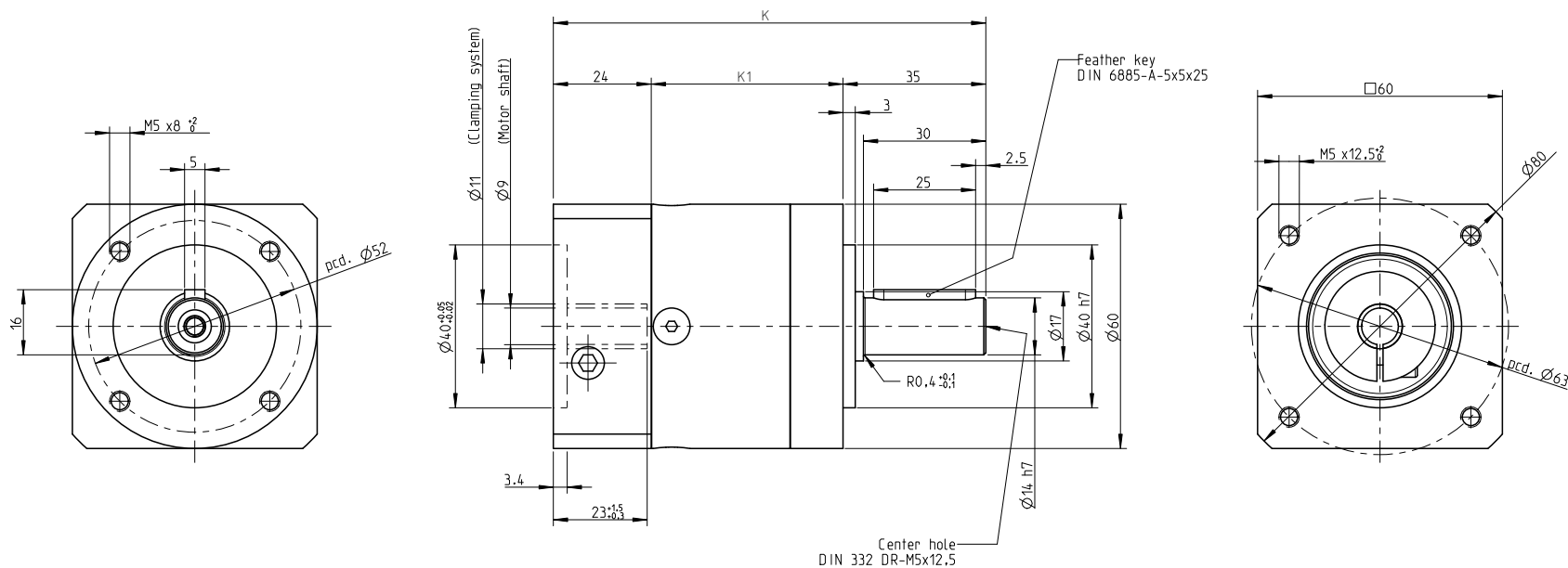


Engineering data		Mechanical data	
Ratio	4	Radial force for 20'000h	400 N*
Number of stages	1	Radial force for 30'000h	340 N*
Rated output torque	23 Nm	Max. radial force	700 N*
Cycling output torque	38 Nm	Axial force for 20'000h	500 N
Max output torque	40 Nm	Axial force for 30'000h	450 N
Emergency output torque	50 Nm	Max. axial force	800 N
Rated input speed	4500 rpm	Protection	IP54
Max input speed	13000 rpm	Input inertia	0.09 kgcm ²
Efficiency	98 %*	Mass	0.88 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	14 Nm
Backlash	< 10 arcmin	Tilting moment for 30'000h	12 Nm
Service life	20000 h	Max. bending moment	12 Nm
Running noise	60 dB(A)	Output shaft design	Shaft key
Torsional stiffness	2.80 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	11 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any



NO OF STAGES	K	K1
I. stage	106	47
II. stage	118,5	59,5
III. stage	131	72

INDEX	ZMĚNA	DATUM	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				TGN2, TGH2, TGT2	
Gearbox SG060				Listů	List