Engineering data		
Ratio	4	
Number of stages	1	
Rated output torque	23	Nm
Cycling output torque	38	Nm
Max output torque	40	Nm
Emergency output torque	50	Nm
Rated input speed	4500	rpm
Max input speed	13000	rpm
Efficiency	98	%*
Operating temperature	<-25; 90>	°C
Backlash	< 10	arcmin
Service life	20000	h
Running noise	60	dB(A)
Torsional stiffness	2.80	Nm/arcmin

** at rated speed & torque*

Mechanical data		
Radial force for 20'000h	400	N*
Radial force for 30'000h	340	N*
Max. radial force	700	N*
Axial force for 20'000h	500	N
Axial force for 30'000h	450	N
Max. axial force	800	N
Protection	IP54	
Input inertia	0.09	kgcm2
Mass	0.88	kg
Tilting moment for 20'000h	14	Nm
Tilting moment for 30'000h	12	Nm
Max. bending moment	12	Nm
Output shaft design	Smooth shaft	

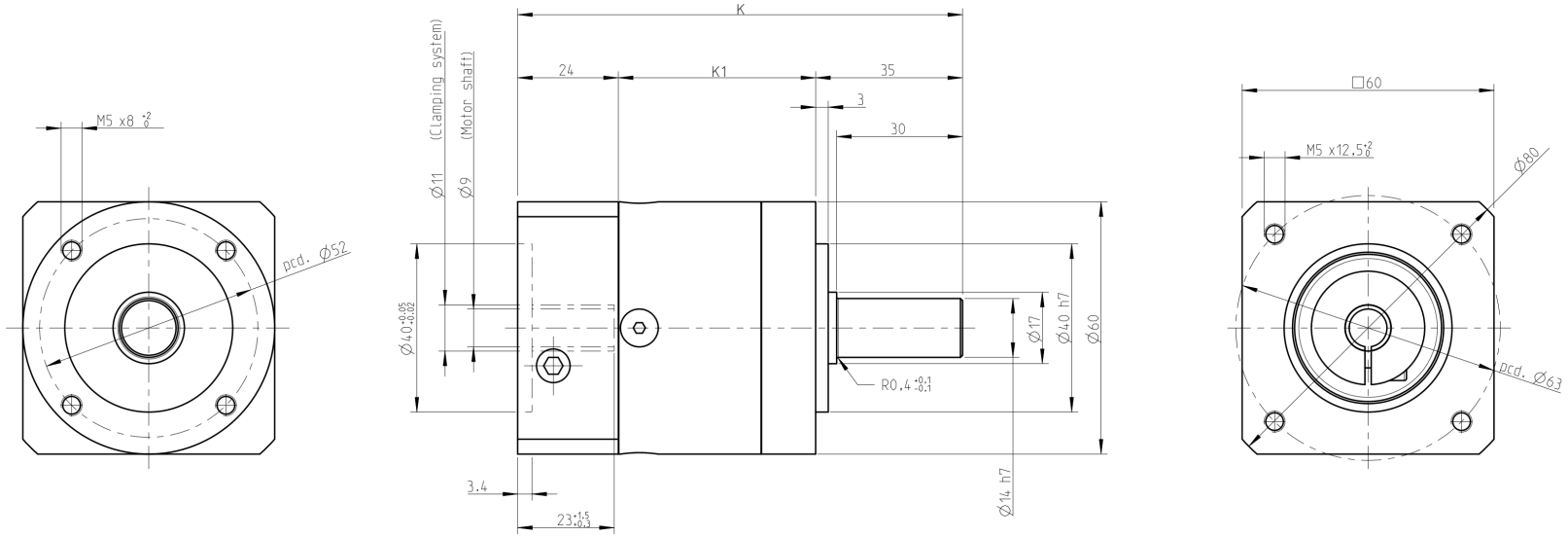
** Defined for point of action at ½ output shaft length*

Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

Supported motors		
Motor types	TGN2, TGT2, TGH2	
Clamping diameter	11	mm
Input flange	Motor adaptation - one part	
Installation position	Any	

Generated 2026-10-15



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	TŘ.Č.
VYPR.	NORM. REF.		POZN.	Č. KUSOVNÍKU
PŘEKR.				
TECHNOL.	SCHVÁLIL.	12.9.2020	STARÝ V.	Č.V.
NÁZEV Gearbox SG060			TGN2, TGH2, TGT2	
			Listů	List