Engineering data		
Ratio	15	
Number of stages	2	
Rated output torque	35	Nm
Cycling output torque	44	Nm
Max output torque	70	Nm
Emergency output torque	88	Nm
Rated input speed	4500	rpm
Max input speed	13000	rpm
Efficiency	96	%*
Operating temperature	<-25; 90>	°C
Backlash	< 12	arcmin
Service life	20000	h
Running noise	58	dB(A)
Torsional stiffness	8.50	Nm/arcmin

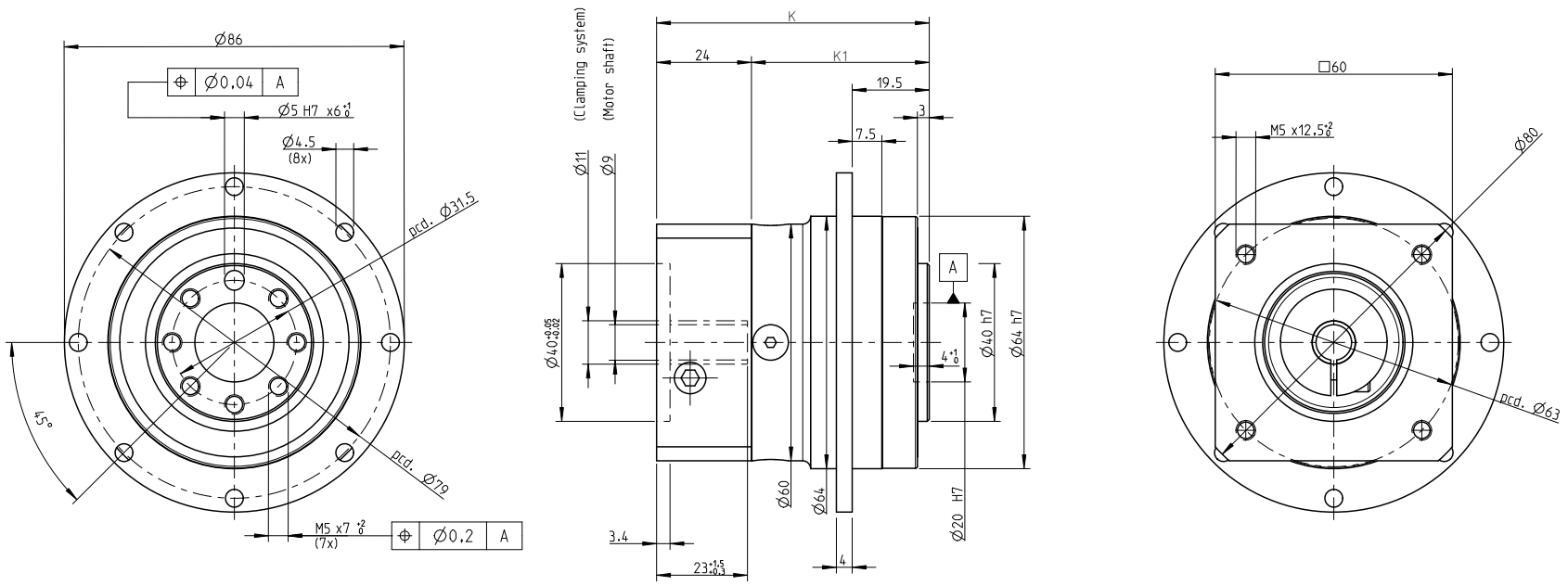
** at rated speed & torque*

Mechanical data		
Radial force for 20'000h	550	N
Radial force for 30'000h	500	N
Max. radial force	900	N
Axial force for 20'000h	1200	N
Axial force for 30'000h	1200	N
Max. axial force	1200	N
Protection	IP54	
Input inertia	0.08	kgcm2
Mass	1.31	kg
Tilting moment for 20'000h	12	Nm
Tilting moment for 30'000h	11	Nm
Max. bending moment	12	Nm
Output shaft design	Flange with dowel hole	

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	



NO OF STAGES	K	K1
I. stage	69	45
II. stage	81.5	57.5

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 SGFE064			TGN2, TGH2, TGT2	
			Listů	List