Engineering data		
Ratio	20	
Number of stages	2	
Rated output torque	37	Nm
Cycling output torque	44	Nm
Max output torque	65	Nm
Emergency output torque	88	Nm
Rated input speed	4500	rpm
Max input speed	13000	rpm
Efficiency*	95	%
Operating temperature	<-25; 90>	°C
Backlash	< 12	arcmin
Service life	20000	h
Running noise	58	dB(A)
Torsional stiffness	8.50	Nm/arcmin

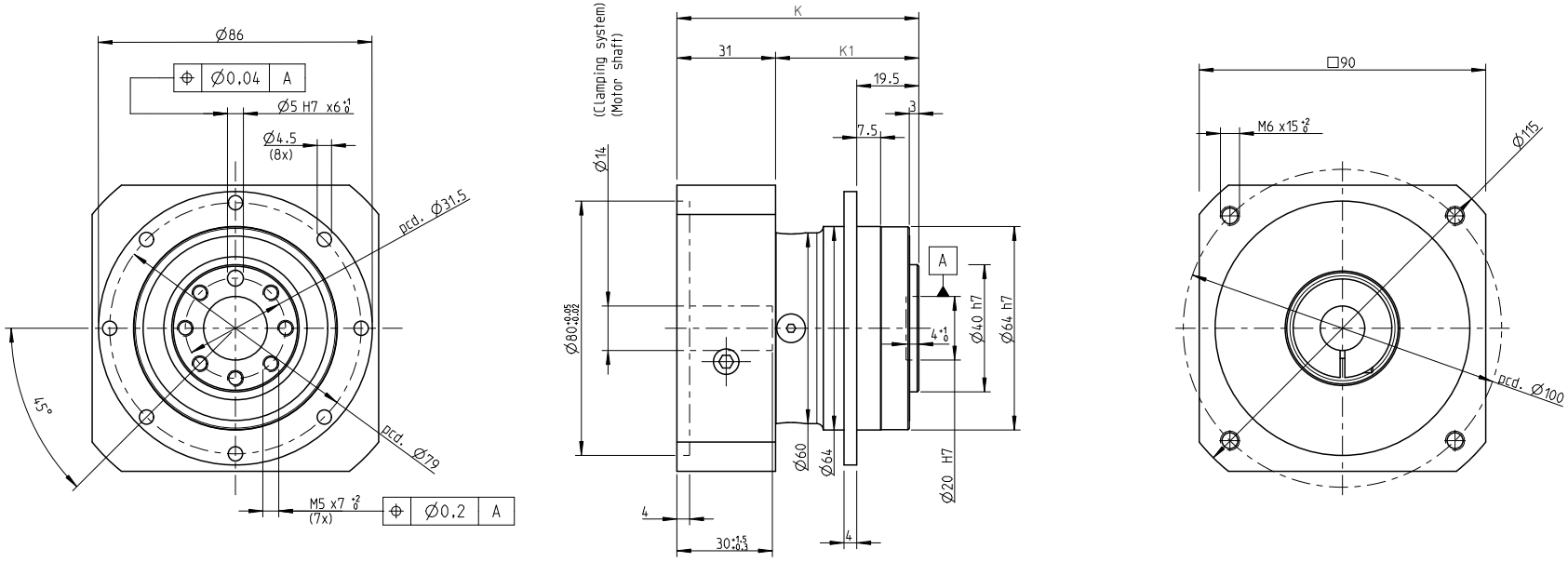
** at rated speed & torque*

Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

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	0.10	kgcm2
Mass	1.32	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	

Supported motors	
Motor types	TGN3, TGT3, TGH3
Clamping diameter	14 mm
Input flange	Motor adaptation - one part
Installation position	Any



NO OF STAGES	K	K1
I. stage	76	45
II. stage	88.5	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			TGN3, TGH3, TGT3	
			Listů	List