Engineering data		
Ratio	12	
Number of stages	2	
Rated output torque	14.5	Nm
Cycling output torque	20	Nm
Max output torque	32	Nm
Emergency output torque	40	Nm
Rated input speed	5000	rpm
Max input speed	18000	rpm
Efficiency*	94	%
Operating temperature	<-25; 90>	°C
Backlash	< 19	arcmin
Service life	20000	h
Running noise	58	dB(A)
Torsional stiffness	3.55	Nm/arcmin

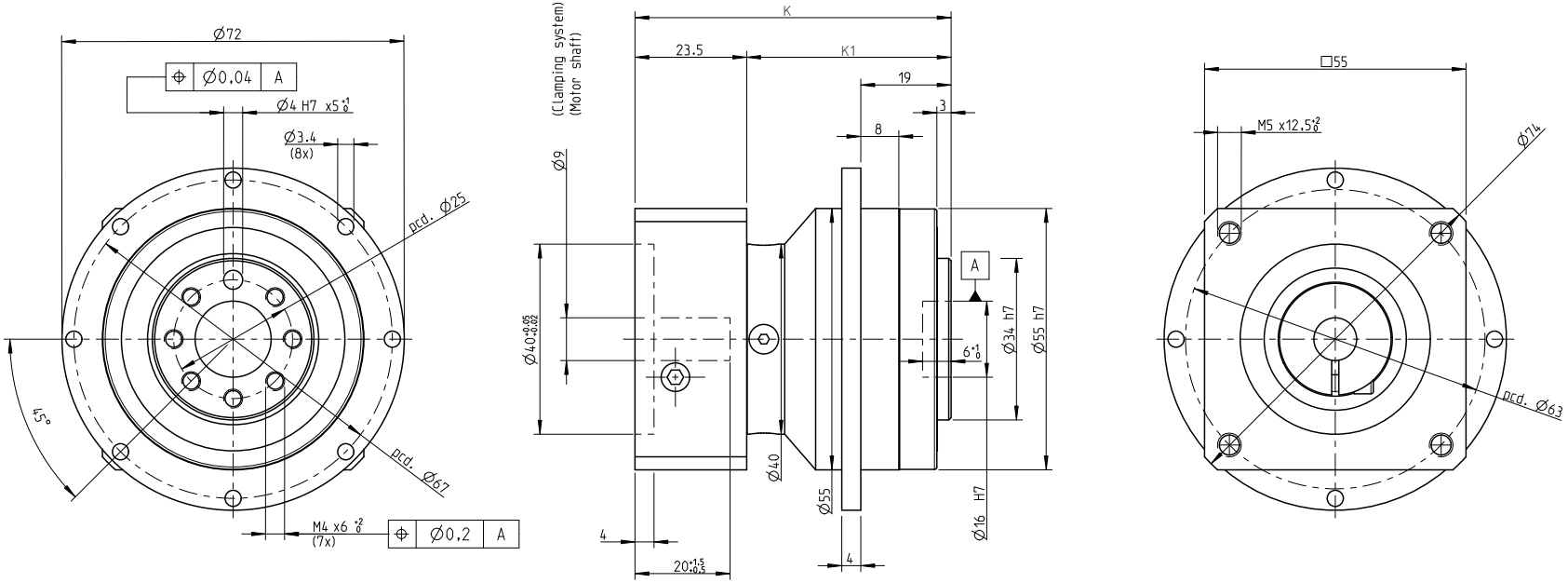
** at rated speed & torque*

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	480	N
Max. radial force	1150	N
Axial force for 20'000h	840	N
Axial force for 30'000h	710	N
Max. axial force	1000	N
Protection	IP54	
Input inertia	0.03	kgcm2
Mass	0.76	kg
Tilting moment for 20'000h	12	Nm
Tilting moment for 30'000h	11	Nm
Max. bending moment	4	Nm
Output shaft design	Flange with dowel hole	

Supported motors	
Motor types	TGN2, TGT2, TGH2
Clamping diameter	9 mm
Input flange	Motor adaptation - one part
Installation position	Any



NO OF STAGES	K	K1
I. stage	66.5	43
II. stage	79.5	56

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 SGFE055				TGN2, TGH2, TGT2	
				Listů	List