Engineering data		
Ratio	8	
Number of stages	1	
Rated output torque	5	Nm
Cycling output torque	6	Nm
Max output torque	9.5	Nm
Emergency output torque	27	Nm
Rated input speed	5000	rpm
Max input speed	18000	rpm
Efficiency*	94	%
Operating temperature	<-25; 90>	°C
Backlash	< 15	arcmin
Service life	20000	h
Running noise	58	dB(A)
Torsional stiffness	1.70	Nm/arcmin

** at rated speed & torque*

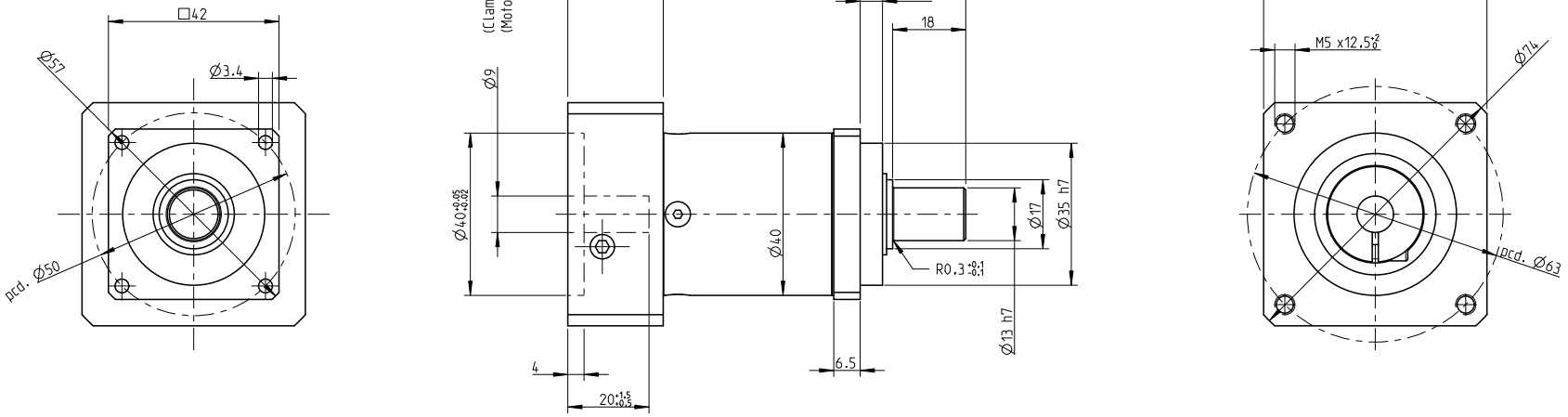
Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

Mechanical data		
Radial force for 20'000h*	320	N
Radial force for 30'000h*	295	N
Max. radial force*	520	N
Axial force for 20'000h	620	N
Axial force for 30'000h	620	N
Max. axial force	620	N
Protection	IP54	
Input inertia	0.02	kgcm2
Mass	0.39	kg
Tilting moment for 20'000h	8	Nm
Tilting moment for 30'000h	8	Nm
Max. bending moment	4	Nm
Output shaft design	Smooth shaft	

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

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	85	35,5
II. stage	98	48,5
III. stage	110,5	61

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 SGQ040

TGN2, TGH2, TGT2

Listů List