Engineering data		
Ratio	8	
Number of stages	1	
Rated output torque	20	Nm
Cycling output torque	40	Nm
Max output torque	64	Nm
Emergency output torque	90	Nm
Rated input speed	3550	rpm
Max input speed	14000	rpm
Efficiency	95	%*
Operating temperature	<-25; 90>	°C
Backlash	< 3	arcmin
Service life	20000	h
Running noise	60	dB(A)
Torsional stiffness	13.20	Nm/arcmin

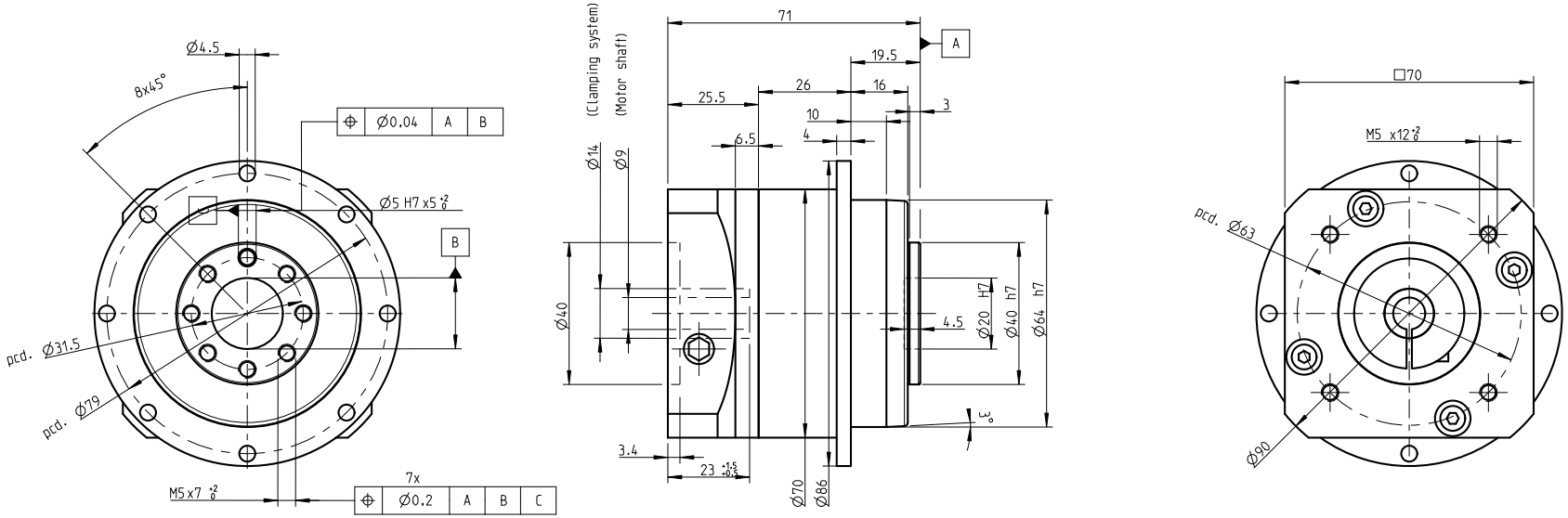
** at rated speed & torque*

Mechanical data		
Radial force for 20'000h	2150	N
Radial force for 30'000h	1900	N
Max. radial force	2150	N
Axial force for 20'000h	4300	N
Axial force for 30'000h	3800	N
Max. axial force	4300	N
Protection	IP65	
Input inertia	0.22	kgcm2
Mass	1.33	kg
Tilting moment for 20'000h	132	Nm
Tilting moment for 30'000h	117	Nm
Max. bending moment	18	Nm
Output shaft design	Flange with dowel hole	

Lubrication	
Type	Standard
Lubricant	Castrol Optigear Synthetic 800/150

Supported motors		
Motor types	TGN2, TGT2, TGH2	
Clamping diameter	14	mm
Input flange	Motor adaptation - 2 part, round universal flange	
Installation position	Any	

Customs info	
HS Code	84834090



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 SGFN064				TGN2, TGH2, TGT2	
				Listů	List