Engineering data		
Ratio	100	
Number of stages	2	
Rated output torque	13.5	Nm
Cycling output torque	27	Nm
Max output torque	43	Nm
Emergency output torque	50	Nm
Rated input speed	4500	rpm
Max input speed	14000	rpm
Efficiency	68	%*
Operating temperature	<-25; 90>	°C
Backlash	< 2	arcmin
Service life	20000	h
Running noise	60	dB(A)
Torsional stiffness	13.60	Nm/arcmin

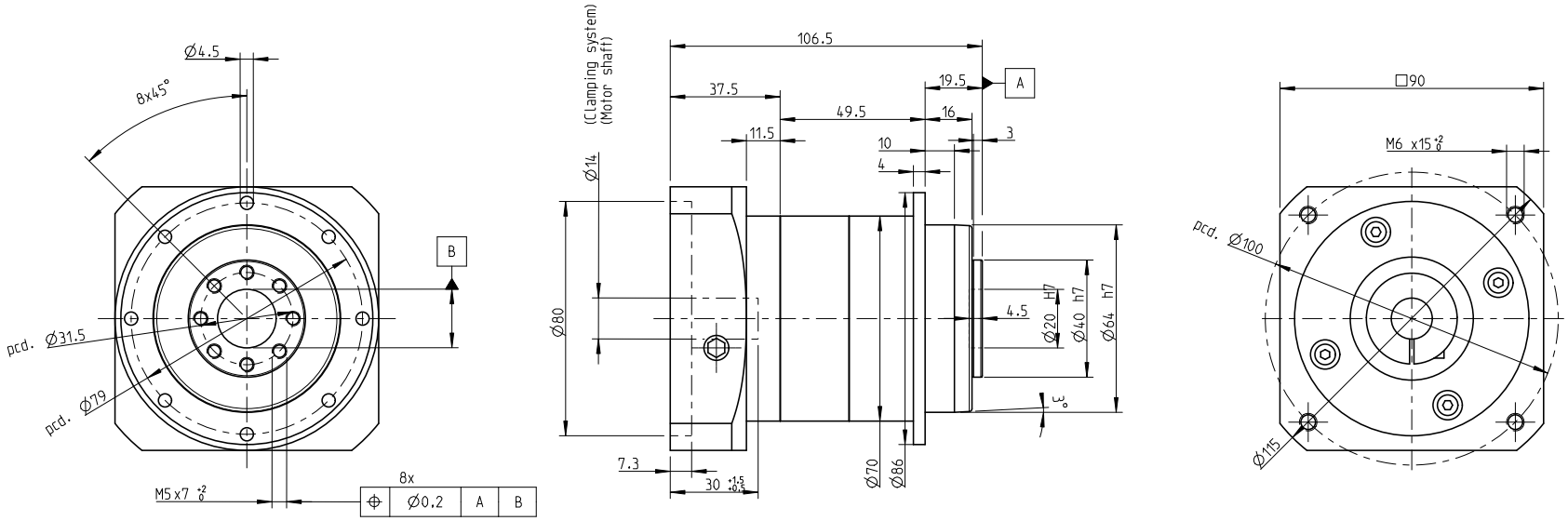
** at rated speed & torque*

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	0.21	kgcm2
Mass	1.89	kg
Tilting moment for 20'000h	132	Nm
Tilting moment for 30'000h	117	Nm
Max. bending moment	18	Nm
Output shaft design	Flange	

Lubrication	
Type	Standard
Lubricant	Castrol Optigear Synthetic 800/150

Customs info	
HS Code	84834090

Supported motors	
Motor types	TGN3, TGT3, TGH3
Clamping diameter	14 mm
Input flange	Motor adaptation - 2 part, round universal flange
Installation position	Any



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				TGN3, TGH3, TGT3	
				Listů	List