

Engineering data		Mechanical data	
Ratio	20	Radial force for 20'000h	2150 N
Number of stages	2	Radial force for 30'000h	1900 N
Rated output torque	38 Nm	Max. radial force	2150 N
Cycling output torque	77 Nm	Axial force for 20'000h	4300 N
Max output torque	103 Nm	Axial force for 30'000h	3800 N
Emergency output torque	150 Nm	Max. axial force	4300 N
Rated input speed	4200 rpm	Protection	IP65
Max input speed	14000 rpm	Input inertia	0.23 kgcm ²
Efficiency	94 %*	Mass	1.84 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	132 Nm
Backlash	< 2 arcmin	Tilting moment for 30'000h	117 Nm
Service life	20000 h	Max. bending moment	18 Nm
Running noise	60 dB(A)		
Torsional stiffness	13.60 Nm/arcmin		

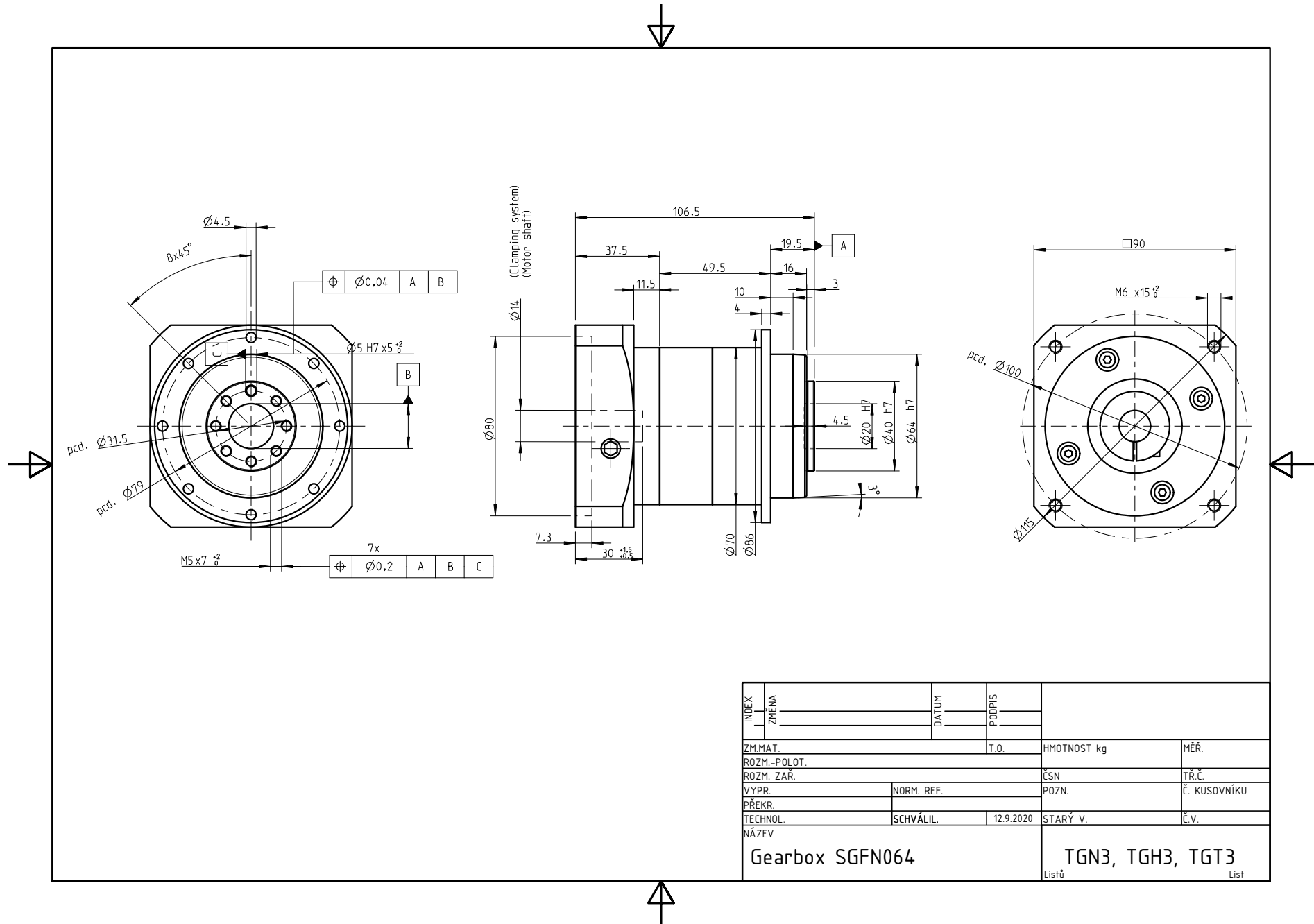
* at rated speed & torque

Lubrication	
Type	Standard
Lubricant	Castrol Optigear Synthetic 800/150

Customs info	
HS Code	84834090

Output shaft design Flange with dowel hole

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. ZAR.				ČSN	TR.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