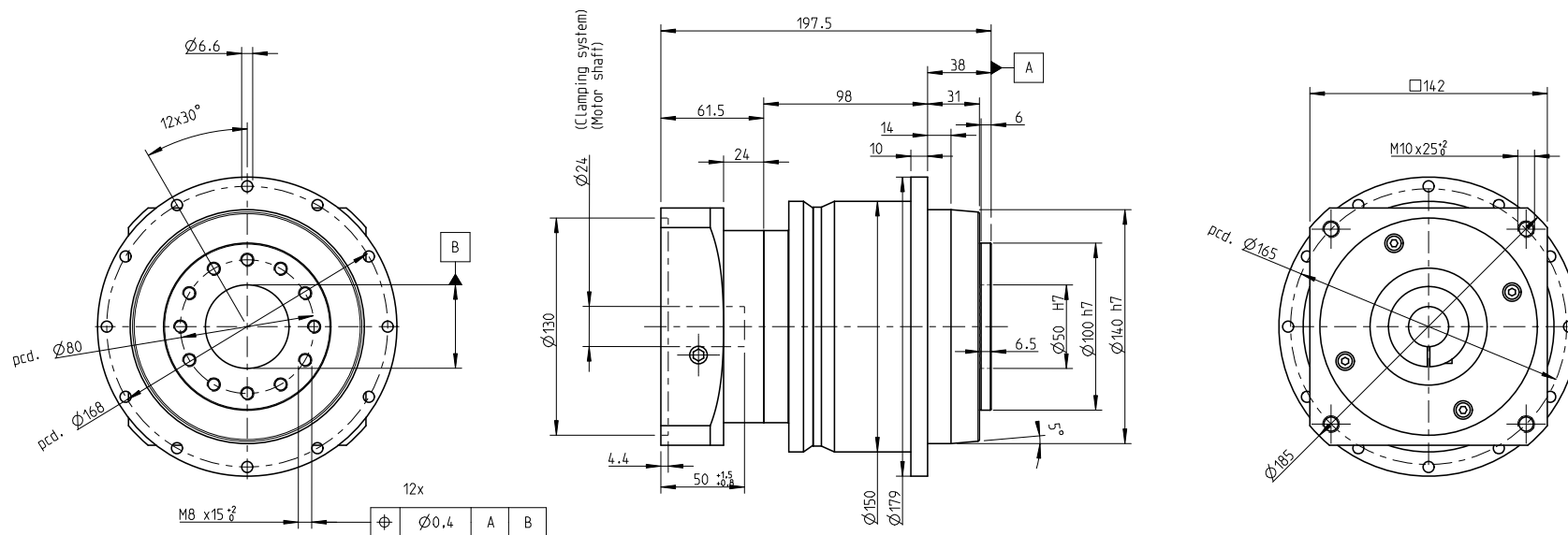


Engineering data		Mechanical data	
Ratio	50	Radial force for 20'000h	12000 N
Number of stages	2	Radial force for 30'000h	11000 N
Rated output torque	310 Nm	Max. radial force	12000 N
Cycling output torque	620 Nm	Axial force for 20'000h	8500 N
Max output torque	1000 Nm	Axial force for 30'000h	7500 N
Emergency output torque	1200 Nm	Max. axial force	8500 N
Rated input speed	3500 rpm	Protection	IP65
Max input speed	8500 rpm	Input inertia	1.98 kgcm ²
Efficiency	94 %*	Mass	14.37 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	1219 Nm
Backlash	< 1 arcmin	Tilting moment for 30'000h	1117 Nm
Service life	20000 h	Max. bending moment	80 Nm
Running noise	70 dB(A)	Output shaft design	Flange
Torsional stiffness	241.00 Nm/arcmin		

* at rated speed & torque

Lubrication		Supported motors	
Type	Standard	Motor types	TGN5, TGT5, TGH5
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	24 mm
		Input flange	Motor adaptation - 2 part, round universal flange
Customs info		Installation position	Any
HS Code	84834090		



INDEX	ZMĚNA	DATUM	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.				ČSN	TR.Č.
ROZM. ZAR.				POZN.	Č. KUSOVNÍKU
VYPR.	NORM. REF.			STARÝ V.	Č.V.
PŘEKR.					
TECHNOL.	SCHVÁLIL.	12.9.2020			
NÁZEV	Gearbox SGFN140			TGN5, TGH5, TGT5	
				Listů	List