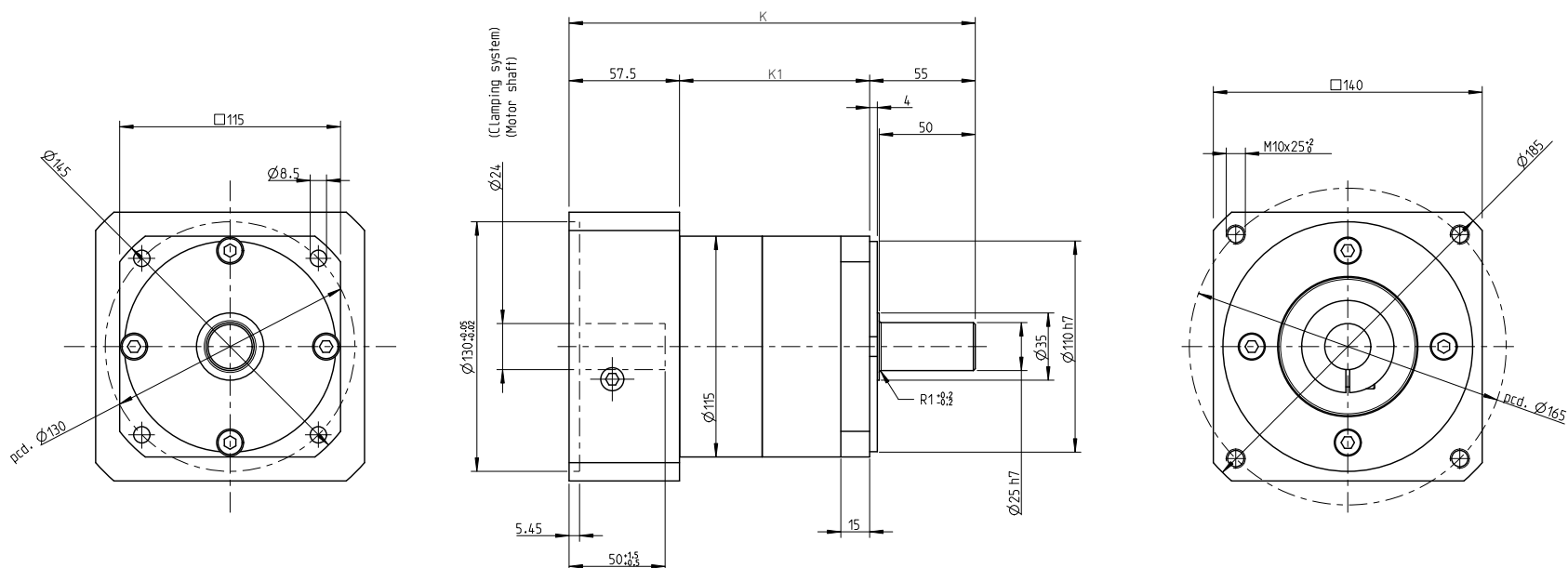


Engineering data		Mechanical data	
Ratio	160	Radial force for 20'000h	2950 N*
Number of stages	3	Radial force for 30'000h	2400 N*
Rated output torque	220 Nm	Max. radial force	4000 N*
Cycling output torque	260 Nm	Axial force for 20'000h	2500 N
Max output torque	415 Nm	Axial force for 30'000h	2100 N
Emergency output torque	520 Nm	Max. axial force	3800 N
Rated input speed	3500 rpm	Protection	IP54
Max input speed	6500 rpm	Input inertia	1.42 kgcm ²
Efficiency	87 %*	Mass	10.08 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	232 Nm
Backlash	< 11 arcmin	Tilting moment for 30'000h	188 Nm
Service life	20000 h	Max. bending moment	40 Nm
Running noise	65 dB(A)	Output shaft design	Smooth shaft
Torsional stiffness	17.30 Nm/arcmin		

* at rated speed & torque

* Defined for point of action at ½ output shaft length

Lubrication		Supported motors	
Type	Standard	Motor types	TGN5, TGT5, TGH5
Lubricant	Grease (lifetime lubrication)	Clamping diameter	24 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any



NO OF STAGES	K	K1
I. stage	211.5	99
II. stage	239.5	127
III. stage	267	154.5

INDEX	ZMĚNA	DATUM	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
ROZM. ZAŘ.				ČSN	TR.Č.
VYPR.	NORM. REF.			POZN.	Č. KUSOVNÍKU
PŘEKR.					
TECHNOL.	SCHVÁLIL.	12.9.2020		STARÝ V.	Č.V.
NÁZEV					
Gearbox SGQ120				TGN5, TGH5, TGT5	
				Listů	List