Engineering data		
Ratio	40	
Number of stages	2	
Rated output torque	195	Nm
Cycling output torque	230	Nm
Max output torque	365	Nm
Emergency output torque	500	Nm
Rated input speed	3500	rpm
Max input speed	6500	rpm
Efficiency	94	%*
Operating temperature	<-25; 90>	°C
Backlash	< 9	arcmin
Service life	20000	h
Running noise	65	dB(A)
Torsional stiffness	22.00	Nm/arcmin

** at rated speed & torque*

Mechanical data		
Radial force for 20'000h	1750	N*
Radial force for 30'000h	1500	N*
Max. radial force	2000	N*
Axial force for 20'000h	2500	N
Axial force for 30'000h	2100	N
Max. axial force	3800	N
Protection	IP54	
Input inertia	1.42	kgcm2
Mass	7.60	kg
Tilting moment for 20'000h	101	Nm
Tilting moment for 30'000h	86	Nm
Max. bending moment	40	Nm
Output shaft design	Smooth shaft	

** Defined for point of action at ½ output shaft length*

Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

Supported motors		
Motor types	TGN5, TGT5, TGH5	
Clamping diameter	24	mm
Input flange	Motor adaptation - one part	
Installation position	Any	

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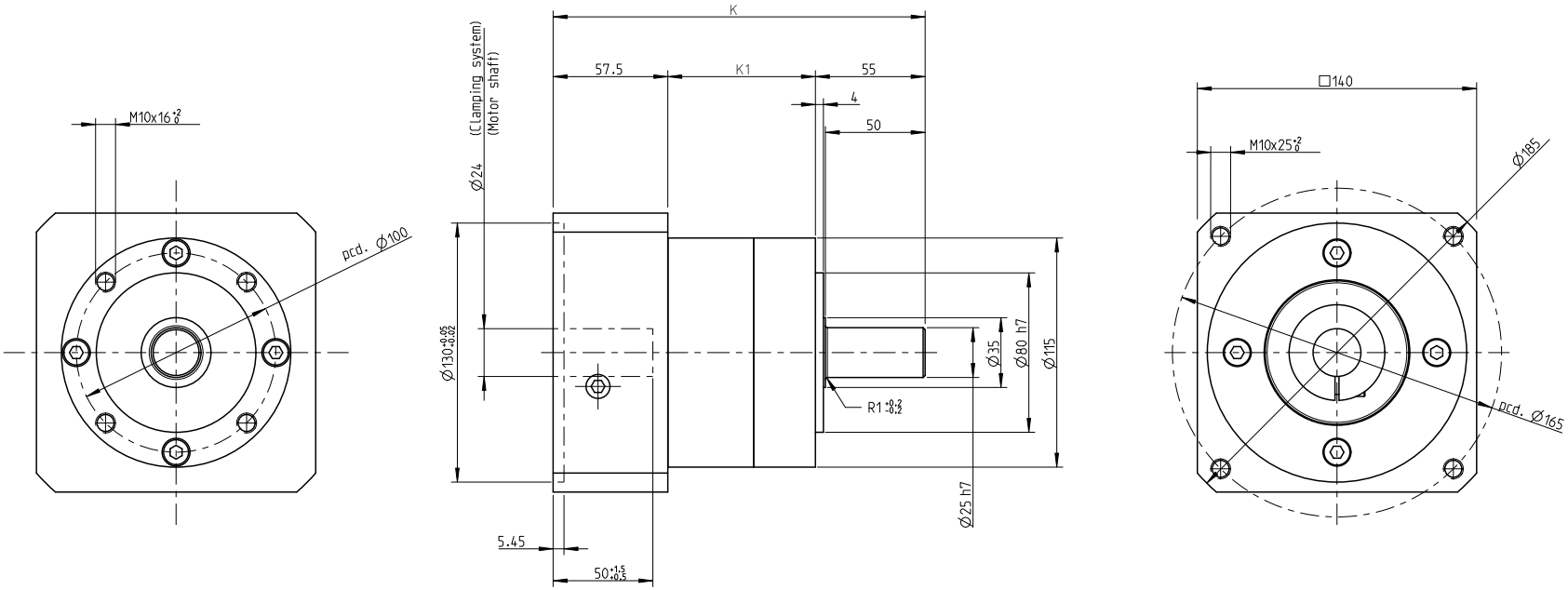

NO OF STAGES	K	K1
I. stage	186,5	74
II. stage	214	101,5
III. stage	241,5	129

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 SG115			TGN5, TGH5, TGT5	
			Listů	List