Engineering data		
Ratio	8	
Number of stages	1	
Rated output torque	15	Nm
Cycling output torque	18	Nm
Max output torque	28	Nm
Emergency output torque	80	Nm
Rated input speed	4500	rpm
Max input speed	13000	rpm
Efficiency	97	%*
Operating temperature	<-25; 90>	°C
Backlash	< 10	arcmin
Service life	20000	h
Running noise	60	dB(A)
Torsional stiffness	2.50	Nm/arcmin

** at rated speed & torque*

Mechanical data		
Radial force for 20'000h	400	N*
Radial force for 30'000h	340	N*
Max. radial force	700	N*
Axial force for 20'000h	500	N
Axial force for 30'000h	450	N
Max. axial force	800	N
Protection	IP54	
Input inertia	0.09	kgcm2
Mass	0.88	kg
Tilting moment for 20'000h	14	Nm
Tilting moment for 30'000h	12	Nm
Max. bending moment	12	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	TGN3, TGT3, TGH3	
Clamping diameter	14	mm
Input flange	Motor adaptation - one part	
Installation position	Any	

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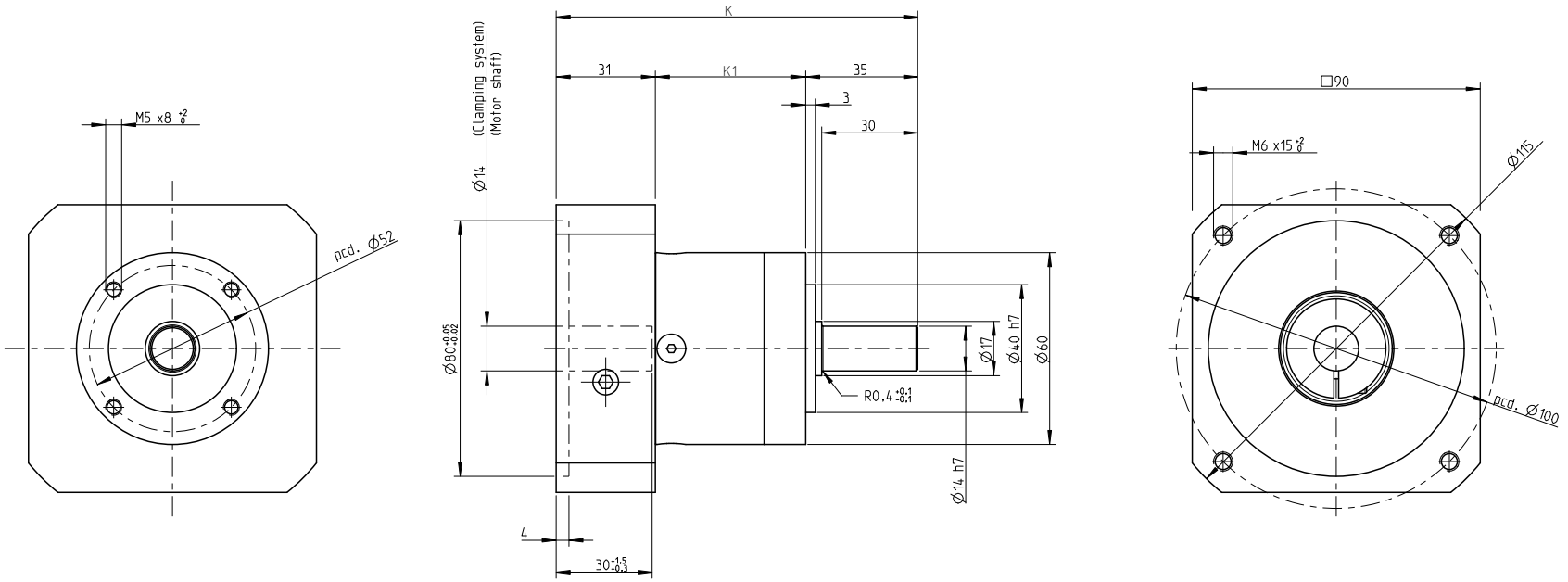

NO OF STAGES	K	K1
I. stage	113	47
II. stage	125,5	59,5
III. stage	138	72

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 SG060				TGN3, TGH3, TGT3	
				Listů	List