Engineering data		
Ratio	25	
Number of stages	2	
Rated output torque	93	Nm
Cycling output torque	110	Nm
Max output torque	176	Nm
Emergency output torque	220	Nm
Rated input speed	4000	rpm
Max input speed	7000	rpm
Efficiency*	95	%
Operating temperature	<-25; 90>	°C
Backlash	< 9	arcmin
Service life	20000	h
Torsional stiffness	10.40	Nm/arcmin

** at rated speed & torque*

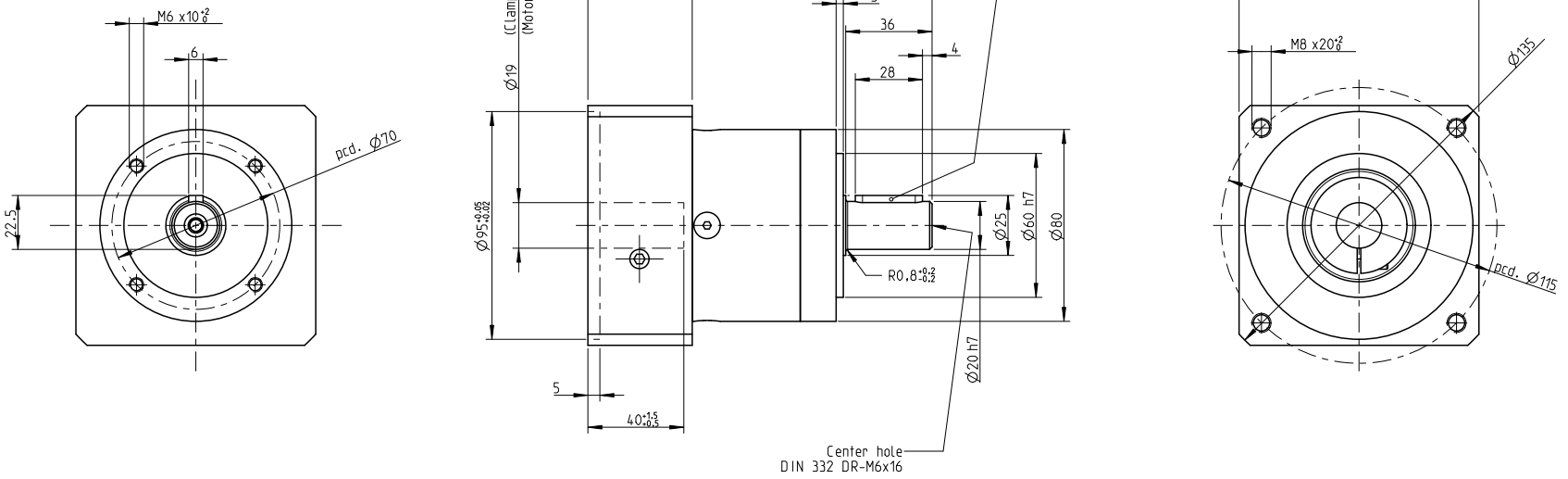
Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

Mechanical data		
Max. radial force*	1000	N
Max. axial force	1450	N
Protection	IP54	
Input inertia	0.40	kgcm2
Mass	2.80	kg
Output shaft design	Shaft key	

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

Supported motors		
Motor types	TGN4, TGT4, TGH4	
Clamping diameter	19	mm
Input flange	Motor adaptation - one part	
Installation position	Any	



NO OF STAGES	K	K1
I. stage	143,5	60
II. stage	161	77,5
III. stage	178,5	95

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 SG080				TGN4, TGH4, TGT4	
				Listů	List