Engineering data		
Ratio	10	
Number of stages	1	
Rated output torque	32	Nm
Cycling output torque	38	Nm
Max output torque	60	Nm
Emergency output torque	200	Nm
Rated input speed	4000	rpm
Max input speed	7000	rpm
Efficiency*	96	%
Operating temperature	<-25; 90>	°C
Backlash	< 7	arcmin
Service life	20000	h
Torsional stiffness	8.80	Nm/arcmin

** at rated speed & torque*

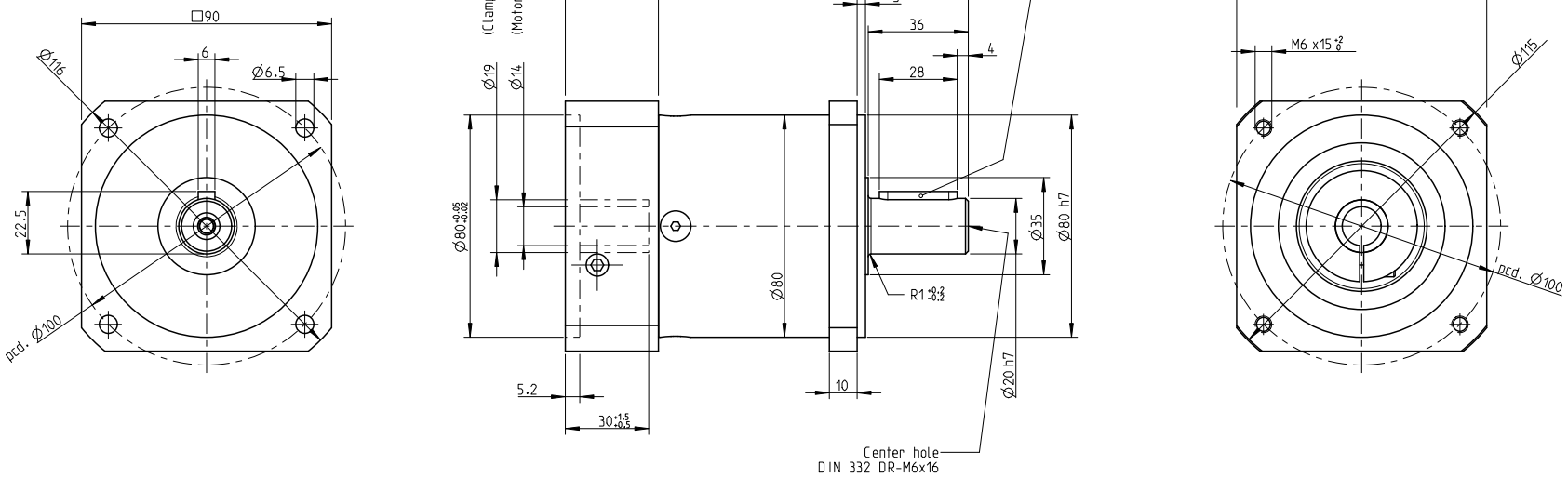
Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

Mechanical data		
Radial force for 20'000h*	2200	N
Axial force for 20'000h	3500	N
Protection	IP54	
Input inertia	0.37	kgcm2
Mass	3.00	kg
Output shaft design	Shaft key	

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

Supported motors		
Motor types	TGN3, TGT3, TGH3	
Clamping diameter	19	mm
Input flange	Motor adaptation - one part	
Installation position	Any	



NO OF STAGES	K	K1
I. stage	145	71.5
II. stage	162.5	89
III. stage	180	106.5

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 SGQ080

TGN3, TGH3, TGT3

Listů List