

Engineering data		Mechanical data	
Ratio	7	Radial force for 20'000h	550 N
Number of stages	1	Radial force for 30'000h	480 N
Rated output torque	7 Nm	Max. radial force	1150 N
Cycling output torque	8.5 Nm	Axial force for 20'000h	840 N
Max output torque	13.5 Nm	Axial force for 30'000h	710 N
Emergency output torque	26 Nm	Max. axial force	1000 N
Rated input speed	5000 rpm	Protection	IP54
Max input speed	18000 rpm	Input inertia	0.03 kgcm ²
Efficiency	94 %*	Mass	0.68 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	12 Nm
Backlash	< 15 arcmin	Tilting moment for 30'000h	11 Nm
Service life	20000 h	Max. bending moment	4 Nm
Running noise	58 dB(A)		
Torsional stiffness	2.90 Nm/arcmin		

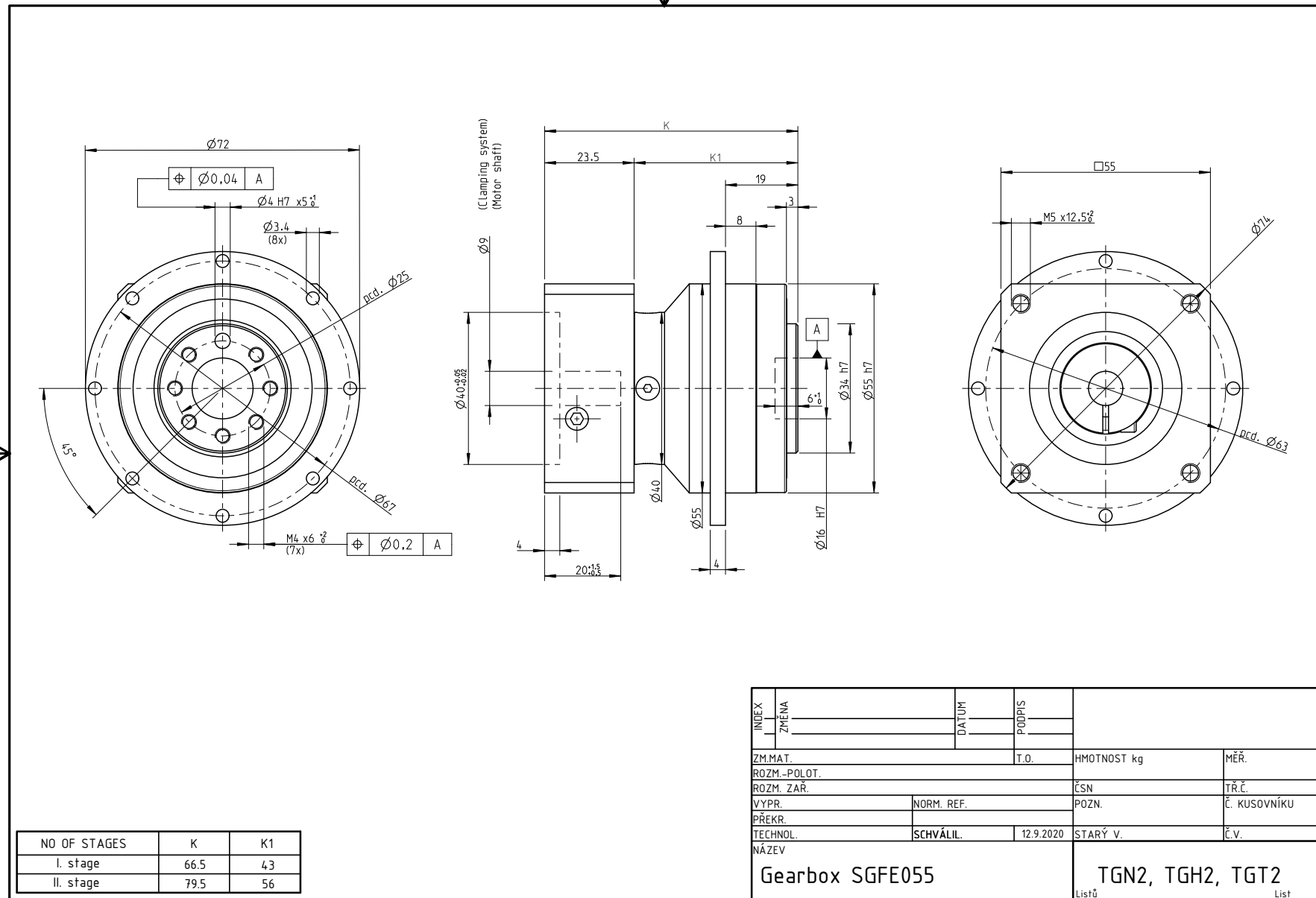
* at rated speed & torque

Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

Output shaft design Flange with dowel hole

Supported motors	
Motor types	TGN2, TGT2, TGH2
Clamping diameter	9 mm
Input flange	Motor adaptation - one part
Installation position	Any



INDEX	ZNĚNA	DATUM	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.				ČSN	TR.Č.
ROZM. ZAR.				POZN.	Č. KUSOVNÍKU
VYPR.	NORM. REF.			STARÝ V.	Č.V.
PŘEKR.					
TECHNOL.	SCHVÁLIL.	12.9.2020			
NÁZEV	Gearbox SGFE055			TGN2, TGH2, TGT2	
				Listů	List