

Engineering data		Mechanical data	
Ratio	20	Radial force for 20'000h	5200 N*
Number of stages	2	Radial force for 30'000h	4600 N*
Rated output torque	390 Nm	Max. radial force	8400 N*
Cycling output torque	460 Nm	Axial force for 20'000h	7000 N
Max output torque	730 Nm	Axial force for 30'000h	6000 N
Emergency output torque	920 Nm	Max. axial force	11000 N
Rated input speed	2950 rpm	Protection	IP54
Max input speed	5500 rpm	Input inertia	6.17 kgcm ²
Efficiency	96 %*	Mass	21.93 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	497 Nm
Backlash	< 9 arcmin	Tilting moment for 30'000h	440 Nm
Service life	20000 h	Max. bending moment	180 Nm
Running noise	70 dB(A)	Output shaft design	Smooth shaft
Torsional stiffness	72.00 Nm/arcmin	* Defined for point of action at ½ output shaft length	

* at rated speed & torque

Lubrication		Supported motors	
Type	Standard	Motor types	TGN4, TGT4, TGH4
Lubricant	Grease (lifetime lubrication)	Clamping diameter	35 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

INDEX	ZMĚNA	DATA	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOH.					
ROZM. ZÁŘ.				ČSN	TRČ
VYPR.	NORM. REF.		POZN.	Č. KUSOVNÍKU	
PREKR.					
TECHNOL.	SCHVÁLIL.	12.9.2020	STARÝ V.	Č. V.	
NÁZEV					
Gearbox SG155			TGN4, TGH4, TGT4		
			Listů		
			List		