

Engineering data		Mechanical data	
Ratio	4	Radial force for 20'000h	550 N
Number of stages	1	Radial force for 30'000h	500 N
Rated output torque	23 Nm	Max. radial force	900 N
Cycling output torque	38 Nm	Axial force for 20'000h	1200 N
Max output torque	60 Nm	Axial force for 30'000h	1200 N
Emergency output torque	80 Nm	Max. axial force	1200 N
Rated input speed	4400 rpm	Protection	IP54
Max input speed	13000 rpm	Input inertia	0.16 kgcm ²
Efficiency	97 %*	Mass	1.09 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	12 Nm
Backlash	< 10 arcmin	Tilting moment for 30'000h	11 Nm
Service life	20000 h	Max. bending moment	12 Nm
Running noise	58 dB(A)		
Torsional stiffness	8.25 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
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Supported motors	
Motor types	TGN3, TGT3, TGH3
Clamping diameter	14 mm
Input flange	Motor adaptation - one part
Installation position	Any

