

Engineering data		Mechanical data	
Ratio	7	Radial force for 20'000h	550 N
Number of stages	1	Radial force for 30'000h	500 N
Rated output torque	19.5 Nm	Max. radial force	900 N
Cycling output torque	25 Nm	Axial force for 20'000h	1200 N
Max output torque	40 Nm	Axial force for 30'000h	1200 N
Emergency output torque	80 Nm	Max. axial force	1200 N
Rated input speed	4500 rpm	Protection	IP54
Max input speed	13000 rpm	Input inertia	0.10 kgcm ²
Efficiency	96 %*	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

Supported motors	
Motor types	TGN3, TGT3, TGH3
Clamping diameter	14 mm
Input flange	Motor adaptation - one part
Installation position	Any

