

Engineering data		Mechanical data	
Ratio	12	Radial force for 20'000h	550 N
Number of stages	2	Radial force for 30'000h	500 N
Rated output torque	32 Nm	Max. radial force	900 N
Cycling output torque	44 Nm	Axial force for 20'000h	1200 N
Max output torque	65 Nm	Axial force for 30'000h	1200 N
Emergency output torque	88 Nm	Max. axial force	1200 N
Rated input speed	4500 rpm	Protection	IP54
Max input speed	13000 rpm	Input inertia	0.14 kgcm ²
Efficiency	96 %*	Mass	1.28 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	12 Nm
Backlash	< 12 arcmin	Tilting moment for 30'000h	11 Nm
Service life	20000 h	Max. bending moment	12 Nm
Running noise	58 dB(A)		
Torsional stiffness	8.50 Nm/arcmin		

* at rated speed & torque

Output shaft design Flange with dowel hole

Lubrication		Supported motors	
Type	Standard	Motor types	TGN3, TGT3, TGH3
Lubricant	Grease (lifetime lubrication)	Clamping diameter	14 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

