

Engineering data		Mechanical data	
Ratio	9	Radial force for 20'000h	550 N
Number of stages	2	Radial force for 30'000h	480 N
Rated output torque	10.5 Nm	Max. radial force	1150 N
Cycling output torque	16.5 Nm	Axial force for 20'000h	840 N
Max output torque	16.5 Nm	Axial force for 30'000h	710 N
Emergency output torque	33 Nm	Max. axial force	1000 N
Rated input speed	5000 rpm	Protection	IP54
Max input speed	18000 rpm	Input inertia	0.04 kgcm ²
Efficiency	94 %*	Mass	0.76 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	12 Nm
Backlash	< 19 arcmin	Tilting moment for 30'000h	11 Nm
Service life	20000 h	Max. bending moment	4 Nm
Running noise	58 dB(A)		
Torsional stiffness	3.55 Nm/arcmin		

* at rated speed & torque

Output shaft design Flange with dowel hole

Lubrication		Supported motors	
Type	Standard	Motor types	TGN2, TGT2, TGH2
Lubricant	Grease (lifetime lubrication)	Clamping diameter	9 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

