

Engineering data		Mechanical data	
Ratio	20	Radial force for 20'000h	1050 N*
Number of stages	2	Radial force for 30'000h	900 N*
Rated output torque	28 Nm	Max. radial force	1650 N*
Cycling output torque	33 Nm	Axial force for 20'000h	1350 N
Max output torque	48 Nm	Axial force for 30'000h	1000 N
Emergency output torque	88 Nm	Max. axial force	2100 N
Rated input speed	4500 rpm	Protection	IP54
Max input speed	13000 rpm	Input inertia	0.10 kgcm ²
Efficiency	95 %*	Mass	1.70 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	42 Nm
Backlash	< 12 arcmin	Tilting moment for 30'000h	36 Nm
Service life	20000 h	Max. bending moment	12 Nm
Running noise	58 dB(A)	Output shaft design	Shaft key
Torsional stiffness	5.70 Nm/arcmin		

* at rated speed & torque

* Defined for point of action at ½ output shaft length

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

