

Engineering data		Mechanical data	
Ratio	3	Radial force for 20'000h	900 N*
Number of stages	1	Radial force for 30'000h	700 N*
Rated output torque	22 Nm	Max. radial force	1500 N*
Cycling output torque	28 Nm	Axial force for 20'000h	1000 N
Max output torque	30 Nm	Axial force for 30'000h	800 N
Emergency output torque	37 Nm	Max. axial force	1950 N
Rated input speed	4500 rpm	Protection	IP54
Max input speed	13000 rpm	Input inertia	0.14 kgcm ²
Efficiency	98 %*	Mass	1.08 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	37 Nm
Backlash	< 10 arcmin	Tilting moment for 30'000h	29 Nm
Service life	20000 h	Max. bending moment	12 Nm
Torsional stiffness	3.40 Nm/arcmin	Output shaft design	Shaft key
* at rated speed & torque		* Defined for point of action at ½ output shaft length	
Lubrication		Supported motors	
Type	Standard	Motor types	TGN2, TGT2, TGH2
Lubricant	Grease (lifetime lubrication)	Clamping diameter	11 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

