

Engineering data		Mechanical data	
Ratio	10	Radial force for 20'000h	5200 N*
Number of stages	1	Radial force for 30'000h	4600 N*
Rated output torque	178 Nm	Max. radial force	8400 N*
Cycling output torque	210 Nm	Axial force for 20'000h	7000 N
Max output torque	335 Nm	Axial force for 30'000h	6000 N
Emergency output torque	420 Nm	Max. axial force	11000 N
Rated input speed	2700 rpm	Protection	IP54
Max input speed	5500 rpm	Input inertia	4.93 kgcm ²
Efficiency	97 %*	Mass	16.59 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	497 Nm
Backlash	< 6 arcmin	Tilting moment for 30'000h	440 Nm
Service life	20000 h	Max. bending moment	180 Nm
Running noise	70 dB(A)	Output shaft design	Smooth shaft
Torsional stiffness	71.00 Nm/arcmin		

* at rated speed & torque

* Defined for point of action at ½ output shaft length

Lubrication		Supported motors	
Type	Standard	Motor types	TGN4, TGT4, TGH4
Lubricant	Grease (lifetime lubrication)	Clamping diameter	35 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

