

Engineering data		Mechanical data	
Ratio	4	Radial force for 20'000h	2050 N*
Number of stages	1	Radial force for 30'000h	1700 N*
Rated output torque	86 Nm	Max. radial force	2500 N*
Cycling output torque	115 Nm	Axial force for 20'000h	2500 N
Max output torque	140 Nm	Axial force for 30'000h	2000 N
Emergency output torque	200 Nm	Max. axial force	3800 N
Rated input speed	3200 rpm	Protection	IP54
Max input speed	7000 rpm	Input inertia	0.55 kgcm ²
Efficiency	98 %*	Mass	2.96 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	102 Nm
Backlash	< 7 arcmin	Tilting moment for 30'000h	84 Nm
Service life	20000 h	Max. bending moment	12 Nm
Running noise	60 dB(A)	Output shaft design	Shaft key
Torsional stiffness	11.40 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	19 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

