

Engineering data		Mechanical data	
Ratio	10	Radial force for 20'000h	1400 N
Number of stages	1	Radial force for 30'000h	1200 N
Rated output torque	32 Nm	Max. radial force	2200 N
Cycling output torque	38 Nm	Axial force for 20'000h	3000 N
Max output torque	60 Nm	Axial force for 30'000h	3000 N
Emergency output torque	200 Nm	Max. axial force	3300 N
Rated input speed	4000 rpm	Protection	IP54
Max input speed	7000 rpm	Input inertia	0.41 kgcm ²
Efficiency	95 %*	Mass	3.03 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	46 Nm
Backlash	< 7 arcmin	Tilting moment for 30'000h	40 Nm
Service life	20000 h	Max. bending moment	16 Nm
Running noise	60 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	24.90 Nm/arcmin		
* at rated speed & torque			
Lubrication		Supported motors	
Type	Standard	Motor types	TGN3, TGT3, TGH3
Lubricant	Grease (lifetime lubrication)	Clamping diameter	19 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

