

Engineering data		Mechanical data	
Ratio	9	Radial force for 20'000h	1400 N
Number of stages	2	Radial force for 30'000h	1200 N
Rated output torque	89 Nm	Max. radial force	2200 N
Cycling output torque	130 Nm	Axial force for 20'000h	3000 N
Max output torque	182 Nm	Axial force for 30'000h	3000 N
Emergency output torque	260 Nm	Max. axial force	3300 N
Rated input speed	3750 rpm	Protection	IP54
Max input speed	7000 rpm	Input inertia	0.67 kgcm ²
Efficiency	97 %*	Mass	3.46 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	46 Nm
Backlash	< 9 arcmin	Tilting moment for 30'000h	40 Nm
Service life	20000 h	Max. bending moment	16 Nm
Running noise	60 dB(A)		
Torsional stiffness	27.70 Nm/arcmin		

* at rated speed & torque

Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

Output shaft design	Flange with dowel hole
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Supported motors	
Motor types	TGN4, TGT4, TGH4
Clamping diameter	19 mm
Input flange	Motor adaptation - one part
Installation position	Any

