

Engineering data		Mechanical data	
Ratio	100	Radial force for 20'000h	3950 N
Number of stages	2	Radial force for 30'000h	3500 N
Rated output torque	30 Nm	Max. radial force	3950 N
Cycling output torque	60 Nm	Axial force for 20'000h	8200 N
Max output torque	96 Nm	Axial force for 30'000h	7200 N
Emergency output torque	120 Nm	Max. axial force	8200 N
Rated input speed	4500 rpm	Protection	IP65
Max input speed	14000 rpm	Input inertia	0.53 kgcm ²
Efficiency	80 %*	Mass	3.90 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	326 Nm
Backlash	< 5 arcmin	Tilting moment for 30'000h	289 Nm
Service life	20000 h	Max. bending moment	18 Nm
Running noise	62 dB(A)	Output shaft design	Flange
Torsional stiffness	32.50 Nm/arcmin		

* at rated speed & torque

Lubrication		Supported motors	
Type	Standard	Motor types	TGN4, TGT4, TGH4
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	19 mm
		Input flange	Motor adaptation - 2 part, round universal flange
Customs info		Installation position	Any
HS Code	84834090		

