

Engineering data		Mechanical data	
Ratio	8	Radial force for 20'000h	33000 N
Number of stages	1	Radial force for 30'000h	29500 N
Rated output torque	500 Nm	Max. radial force	33000 N
Cycling output torque	1000 Nm	Axial force for 20'000h	25000 N
Max output torque	1410 Nm	Axial force for 30'000h	25000 N
Emergency output torque	2440 Nm	Max. axial force	29500 N
Rated input speed	1000 rpm	Protection	IP65
Max input speed	6000 rpm	Input inertia	31.23 kgcm ²
Efficiency	96 %*	Mass	37.48 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	4957 Nm
Backlash	< 1 arcmin	Tilting moment for 30'000h	4431 Nm
Service life	20000 h	Max. bending moment	300 Nm
Running noise	74 dB(A)	Output shaft design	Flange
Torsional stiffness	520.00 Nm/arcmin		

* at rated speed & torque

Lubrication		Supported motors	
Type	Standard	Motor types	TGN6, TGT6
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	48 mm
		Input flange	Motor adaptation - 2 part, round universal flange
Customs info		Installation position	Any
HS Code	84834090		

