

Engineering data		Mechanical data	
Ratio	20	Radial force for 20'000h	12000 N
Number of stages	2	Radial force for 30'000h	11000 N
Rated output torque	500 Nm	Max. radial force	12000 N
Cycling output torque	1000 Nm	Axial force for 20'000h	8500 N
Max output torque	1540 Nm	Axial force for 30'000h	7500 N
Emergency output torque	2000 Nm	Max. axial force	8500 N
Rated input speed	2100 rpm	Protection	IP65
Max input speed	8500 rpm	Input inertia	2.42 kgcm ²
Efficiency	96 %*	Mass	14.81 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	1219 Nm
Backlash	< 5 arcmin	Tilting moment for 30'000h	1117 Nm
Service life	20000 h	Max. bending moment	80 Nm
Running noise	70 dB(A)		
Torsional stiffness	223.00 Nm/arcmin		

* at rated speed & torque

Lubrication	
Type	Standard
Lubricant	Castrol Optigear Synthetic 800/150

Customs info	
HS Code	84834090

Output shaft design Flange with dowel hole

Supported motors	
Motor types	TGN6, TGT6
Clamping diameter	24 mm
Input flange	Motor adaptation - 2 part, round universal flange
Installation position	Any

