

Engineering data		Mechanical data	
Ratio	100	Radial force for 20'000h	33000 N
Number of stages	2	Radial force for 30'000h	29500 N
Rated output torque	315 Nm	Max. radial force	33000 N
Cycling output torque	600 Nm	Axial force for 20'000h	15000 N
Max output torque	840 Nm	Axial force for 30'000h	13500 N
Emergency output torque	1350 Nm	Max. axial force	15000 N
Rated input speed	3000 rpm	Protection	IP65
Max input speed	6500 rpm	Input inertia	6.91 kgcm ²
Efficiency	88 %*	Mass	44.73 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	180 Nm
Running noise	74 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	532.00 Nm/arcmin		
* at rated speed & torque			
Lubrication		Supported motors	
Type	Standard	Motor types	TGN6, TGT6
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	35 mm
Customs info		Input flange	Motor adaptation - 2 part, square universal flange
HS Code	84834090	Installation position	Any

