

Engineering data		Mechanical data	
Ratio	50	Radial force for 20'000h	2150 N
Number of stages	2	Radial force for 30'000h	1900 N
Rated output torque	32 Nm	Max. radial force	2150 N
Cycling output torque	65 Nm	Axial force for 20'000h	4300 N
Max output torque	97 Nm	Axial force for 30'000h	3800 N
Emergency output torque	150 Nm	Max. axial force	4300 N
Rated input speed	4500 rpm	Protection	IP65
Max input speed	14000 rpm	Input inertia	0.21 kgcm ²
Efficiency	88 %*	Mass	1.87 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	132 Nm
Backlash	< 5 arcmin	Tilting moment for 30'000h	117 Nm
Service life	20000 h	Max. bending moment	18 Nm
Running noise	60 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	13.60 Nm/arcmin		
* at rated speed & torque			
Lubrication		Supported motors	
Type	Standard	Motor types	TGN3, TGT3, TGH3
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	14 mm
Customs info		Input flange	Motor adaptation - 2 part, round universal flange
HS Code	84834090	Installation position	Any

