

Engineering data		Mechanical data	
Ratio	25	Radial force for 20'000h	3950 N
Number of stages	2	Radial force for 30'000h	3500 N
Rated output torque	70 Nm	Max. radial force	3950 N
Cycling output torque	140 Nm	Axial force for 20'000h	8200 N
Max output torque	220 Nm	Axial force for 30'000h	7200 N
Emergency output torque	300 Nm	Max. axial force	8200 N
Rated input speed	4500 rpm	Protection	IP65
Max input speed	14000 rpm	Input inertia	0.57 kgcm ²
Efficiency	94 %*	Mass	3.82 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	326 Nm
Backlash	< 1 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 with dowel hole
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
Customs info		Input flange	Motor adaptation - 2 part, round universal flange
HS Code	84834090	Installation position	Any

