

Engineering data		Mechanical data	
Ratio	32	Radial force for 20'000h	2400 N
Number of stages	2	Radial force for 30'000h	2100 N
Rated output torque	220 Nm	Max. radial force	3800 N
Cycling output torque	260 Nm	Axial force for 20'000h	3300 N
Max output torque	415 Nm	Axial force for 30'000h	3300 N
Emergency output torque	520 Nm	Max. axial force	5200 N
Rated input speed	3500 rpm	Protection	IP54
Max input speed	6500 rpm	Input inertia	1.43 kgcm ²
Efficiency	95 %*	Mass	8.31 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	109 Nm
Backlash	< 9 arcmin	Tilting moment for 30'000h	96 Nm
Service life	20000 h	Max. bending moment	40 Nm
Running noise	65 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	58.75 Nm/arcmin		
* at rated speed & torque			
Lubrication		Supported motors	
Type	Standard	Motor types	TGN6, TGT6
Lubricant	Grease (lifetime lubrication)	Clamping diameter	24 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

