

Engineering data		Mechanical data	
Ratio	64	Radial force for 20'000h	2950 N*
Number of stages	1	Radial force for 30'000h	2400 N*
Rated output torque	120 Nm	Max. radial force	4000 N*
Max output torque	192 Nm	Axial force for 20'000h	2500 N
Emergency output torque	380 Nm	Axial force for 30'000h	2100 N
Rated input speed	3500 rpm	Max. axial force	3800 N
Max input speed	6500 rpm	Protection	IP54
Efficiency	89 %*	Input inertia	1.41 kgcm ²
Operating temperature	<-25; 90> °C	Mass	8.40 kg
Backlash	< 9 arcmin	Tilting moment for 20'000h	232 Nm
Service life	20000 h	Tilting moment for 30'000h	188 Nm
Running noise	60 dB(A)	Max. bending moment	12 Nm
Torsional stiffness	15.60 Nm/arcmin	Output shaft design	Shaft key
* at rated speed & torque		* Defined for point of action at ½ output shaft length	
Lubrication		Supported motors	
Type	Standard	Motor types	TGN4, TGT4, TGH4
Lubricant	Grease (lifetime lubrication)	Clamping diameter	24 mm
Customs info		Input flange	Motor adaptation - one part
HS Code	84834090	Installation position	Any

