

Engineering data		Mechanical data	
Ratio	8	Radial force for 20'000h	4900 N
Number of stages	1	Radial force for 30'000h	4350 N
Rated output torque	75 Nm	Max. radial force	4900 N
Cycling output torque	150 Nm	Axial force for 20'000h	9500 N
Max output torque	240 Nm	Axial force for 30'000h	8400 N
Emergency output torque	380 Nm	Max. axial force	9500 N
Rated input speed	2650 rpm	Protection	IP65
Max input speed	8500 rpm	Input inertia	2.12 kgcm ²
Efficiency	96 %*	Mass	5.22 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	475 Nm
Backlash	< 3 arcmin	Tilting moment for 30'000h	422 Nm
Service life	20000 h	Max. bending moment	80 Nm
Running noise	65 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	77.00 Nm/arcmin		
* at rated speed & torque			
Lubrication		Supported motors	
Type	Standard	Motor types	TGN5, TGT5, TGH5
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	24 mm
Customs info		Input flange	Motor adaptation - 2 part, round universal flange
HS Code	84834090	Installation position	Any

