

Engineering data		Mechanical data	
Ratio	20	Max. radial force	1000 N*
Number of stages	2	Max. axial force	1450 N
Rated output torque	102 Nm	Protection	IP54
Cycling output torque	120 Nm	Input inertia	0.41 kgcm2
Max output torque	192 Nm	Mass	2.75 kg
Emergency output torque	240 Nm	Output shaft design	Shaft key
Rated input speed	4000 rpm	* Defined for point of action at ½ output shaft length	
Max input speed	7000 rpm		
Efficiency	96 %*		
Operating temperature	<-25; 90> °C	Supported motors	
Backlash	< 9 arcmin	Motor types	TGN4, TGT4, TGH4
Service life	20000 h	Clamping diameter	19 mm
Torsional stiffness	10.40 Nm/arcmin	Input flange	Motor adaptation - one part
* at rated speed & torque		Installation position	Any

Lubrication	
Type	Standard
Lubricant	Grease (lifetime lubrication)

Customs info	
HS Code	84834090

