

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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80 and 100 W - 120 Nm - Planetary Ø 81 mm 801897 TNi20 - 0/10 V Part number Contact us

With or without integrated control electronics

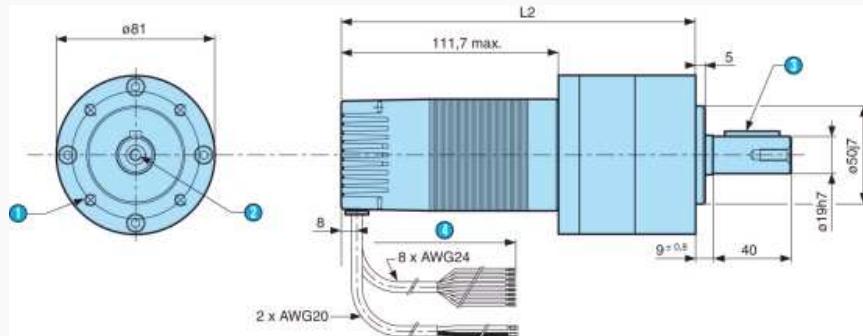
- Output in motor shaft
- Ideal for high reduction ratios
- Ideal for high-torque applications
- Excellent efficiency
- Reversible movement

Part numbers

Type	With built-in electronic control	Without built-in control, with Hall effect sensors	Ratios (i)	Output speed (rpm) 24 V DC	Available torque (Nm)	
CONTACT US	801897 TNi20 - 0/10 V	TNi20	-	100 - 3 stages	30	21,6

Specifications
General characteristics

Motor	801800
Nominal motor power at 24 V (W)	80
Speed control	0-10 V
Axial load dynamic (N)	400 / *600 / **1000
Radial load dynamic (N)	50 / *70 / **120
Efficiency (%)	90 / *80 / **70
Gearbox case temperature rise (°C)	35
Weight (g)	2900 / *3600 / **4200
Protection index	IP54

Comments
Dimensions (mm)
801897 with built-in TNi20


Nº	Legend
①	4 holes M6 x 12 over Ø 65
②	Fixing hole M6 x 16
③	Length of cable 500 ± 15 mm
④	Parallel key (6 x 6 x 28 conforming to DIN 6885 A)
	L2 1 stage : 182 mm max.
	L2 2 stages : 203,9 mm max.
	L2 3 stages : 226 mm max.

Precautions for use

The limits and precautions for use described in the 80 W brushless motor section must be observed.

Product adaptations

- Modification of software for other speed, torque and speed controller settings, position holding, emergency stop via short-circuit
- Dimensions of gearbox shaft
- Cable length, with or without connector
- Other windings
- Low-noise gearbox version
- Other reduction ratios
- Mechanical holding brake