

205 W - 120 Nm - Planetary Ø81 mm 801297 Part number made to order

With Hall effect sensors

- All-metal gears mounted on drawn cup needle bearings
- Output in motor shaft
- Reversible movement
- Suitable for voltages between 4.4 and 75 VDC

Part numbers

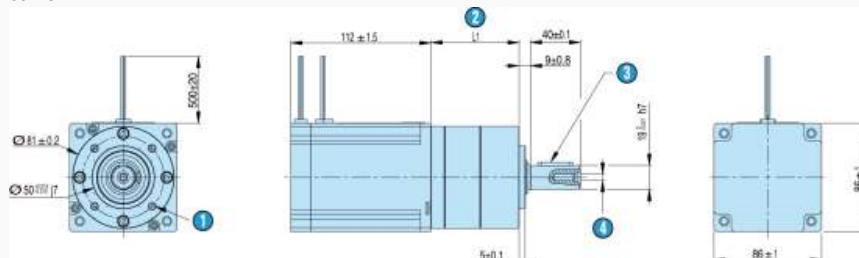
Type	Without built-in control, with Hall effect sensors	Number of stages	Ratios (i)	Output speed (rpm) 24 V DC	Available torque (Nm)
MADE TO ORDER	801297 yes	3	236	6,6	120

Specifications
General characteristics

Motor	80120301
Gearbox	810497
Nominal motor power at 24 V (W)	205
Maximum permitted torque (Nm)	20 60 * 120 **
Axial load dynamic (N)	80 120 * 200 **
Radial load dynamic (N)	4 6 * 10 **
Gearbox case temperature rise (°C)	60
Protection index	IP 40
Weight (g)	4800 5500 * 6200 **

Comments
Accessories

Description	Code
Control electronics BDE40	84855101

Dimensions (mm)
801297


N°	Legend
①	4 x M6 depth 12 mm over Ø65
②	L1 1 stage : 70.6 ± 0.7 L1 2 stages : 92.3 ± 0.7 L1 3 stages : 113.9 ± 0.7
③	Parallel key 6x6x28
④	M6 depth 16 mm

Precautions for use

The limits and precautions for use described in the 80120 brushless motor section must be observed

Product adaptations



- Dimensions of gearbox shaft
- Length of lead, connector
- Other reduction ratios
- Mechanical brake
- 2-channel encoder, 1000 points