



## 150 W - 120 Nm - Planetary Ø 81 mm 801997 Part number 80199701



- Output in motor shaft
- Ideal for high reduction ratios
- Ideal for high-torque applications
- Excellent efficiency
- Reversible movement
- Suitable for voltages from 6 to 75 VDC

	Type	Without built-in control, with Hall effect sensors	Number of stages	Ratios (i)	Output speed (rpm) 24 V DC	Available torque (Nm)
80199701	801997	yes	1	5	627	2,1
80199705	801997	yes	2	19	169	6,8
80199702	801997	yes	2	27	121	9,5
80199706	801997	yes	3	100	33	30,7
80199703	801997	yes	3	139	23	43

### General characteristics

Motor	801905
Gearbox	800497
Nominal motor power at 24 V (W)	150
Speed control	-
Axial load dynamic (N)	100
Radial load dynamic (N)	50 / *70 / **120
Efficiency (%)	90 / *80 / **70
Gearbox case temperature rise (°C)	50
Weight (g)	2900 / *3600 / **4200
Protection index	IP40
Comments	

\* 2<sup>nd</sup> stage - \*\* 3<sup>rd</sup> stage

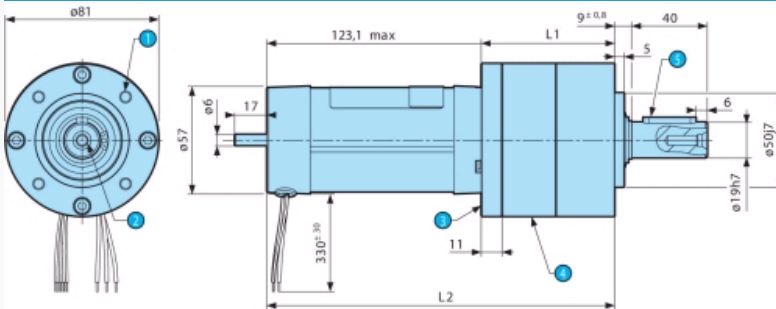
All gears are metal and are mounted on drawn cup needle bearings for excellent robustness and a very long service life.

### Description

### Code

84855101

### Dimension Diagram : 801997



N°	Legend
1	4 holes M6 at 90° over Ø 65 mm, depth 12 mm
2	Fixing hole M6, depth 16 mm
3	Motor adaptor plate
4	Gearbox
5	Parallel key (6x6x28 DIN 6885 A)
	L1 1 stage: 70.5 mm
	L1 2 stages: 92.2 mm
	L1 3 stages: 113.8 mm
	L2 1 stage: 185.5 mm max.
	L2 2 stages: 207.3 mm max.
	L2 3 stages: 228.9 mm

**Special adaptations**

- Other windings
- Dimensions of gearbox shaft
- Cable length, with or without connector
- Different motor length
- Low-noise gearbox version
- Other reduction ratios
- Mechanical holding brake