➜ 40 W planetary geared motors Ø52 mm

With Hall effect sensors
- **Output in motor shaft**
- **Ideal for high reduction ratios**
- **Ideal for high-torque applications**
- **Excellent efficiency**
- **Reversible movement**
- **Suitable for voltages between 6 and 75 V ⎓**

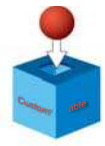
Part numbers

				801495
Without built-in control, with Hall effect sensors				✓
Number of stages	**Ratios (i)**	**Output speed (rpm) 24 V ⎓**	**Available torque (Nm)**	
1	7	326	0.9	●
2	25	88	2.8	●
2	46	48	5.2	●
3	93	24	9.1	●
3	169	13	16.6	●
3	308	7	30.2	●

General characteristics	
Motor	801405
Nominal motor power at 24 V (W)	40
Axial load dynamic (N)	100
Radial load dynamic (N)	50 / 70* / 120**
Efficiency (%)	90 / 80* / 70**
Gearbox case temperature rise (°C)	35
Weight (g)	1500 / 1700* / 1800**
Protection index	IP54
Comments	
* 2nd stage - ** 3rd stage	

All gears are metal for good resistance to torque.
If you wish to order the geared motor without control electronics but with Hall effect sensors, please specify:
"BDE30-compatible" or "BDE40-compatible", depending on your application
"BDE30-compatible" is supplied with connectors but without a temperature sensor in the motor
"BDE40-compatible" is supplied with bare leads

Product adaptations

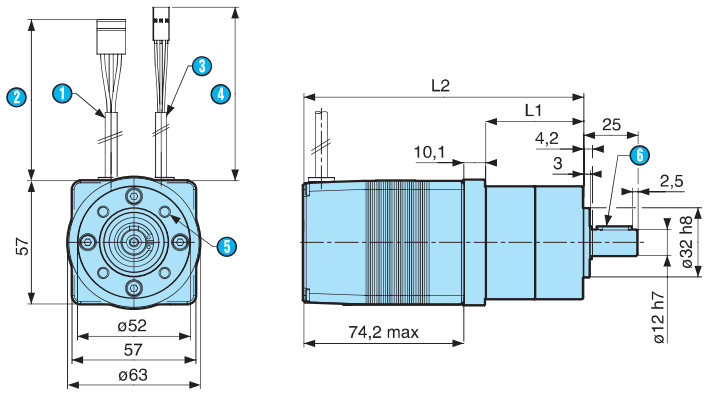


- **With built-in electronic controls SNi10 or TNi20**
- **No lead output but connector in motor**
- **Dimensions of gearbox shaft**
- **Cable length, with or without connector**
- **Other windings**
- **Other reduction ratios**
- **Low-noise version**
- **Mechanical holding brake**

Stocked product **Product made to order** To order, see page 18

Dimensions

801495, BDE30-compatible or BDE40-compatible



1. Cable 3 x AWG18
2. Length of power cable 500±10 mm
3. Cable 6 x AWG24
4. Length of control cable 500±10 mm
5. 4 holes M5 at 90° over Ø 40 mm, depth: 10 mm
6. Parallel key (4x4x16 DIN 6885 A)

L1 1 stage: 46 mm
L1 2 stages: 60 mm
L1 3 stages: 74 mm

L2 1 stage: 131 mm max.
L2 2 stages: 145 mm max.
L2 3 stages: 159 mm max.