

D.C. geared motors with brushes

→ 5 Nm RC5 10 and 17 Watts

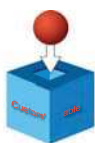
- Torque rating: 5 Nm, for long service life
- Motors: nominal power 9 to 16 W
- All-metal high-quality gearboxes, "integrated" geared motors
- Base speed range: 7.3 to 616 rpm
- Replaceable brushes



Part numbers

	10 W	10 W	17 W	17 W
Type	808150	808150	808050	808050
Voltage	12 V	24 V	12 V	24 V
Standard speed (rpm)	2600	2600	2600	2600
Output speed (rpm)	Ratios (i)			
616	4.22	●	●	●
385	6.75	●	●	●
339.5	7.66	●	●	●
212	12.25	●	●	●
170	15.31	●	●	●
106	24.5	●	●	●
68	38.28	●	●	●
53	49	●	●	●
42.5	61.25	●	●	●
21	122.5	●	●	●
10.5	245	●	●	●
General characteristics				
Motor	828100	828100	828000	828000
Gearbox	810350	810350	810350	810350
Maximum permitted torque from gearmotor under continuous conditions (Nm)	5	5	5	5
Axial load dynamic (daN)	6	6	6	6
Radial load dynamic (daN)	6	6	6	6
Max. output power (W)	10.3	9.5	16.3	17
Nominal output (W)	9.4	8.7	15.7	15.6
Gearbox case temperature rise (°C)	45	46	44	40
Weight (g)	820	820	920	920

Product adaptations



- Special supply voltage
- Optical or Hall effect encoder
- Special connections
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- With 828105 or 828005 motors - 15 and 30 W
- With UL - 828108 and 808008 motors

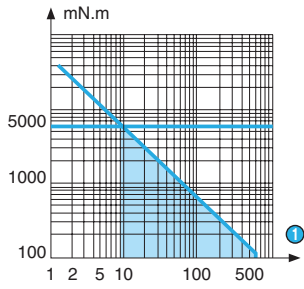
Stocked product

Product made to order

To order, see page 18

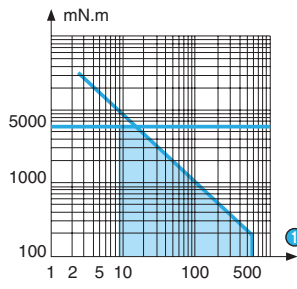
Curves

Curve: torque/nominal speed 808150



① rpm

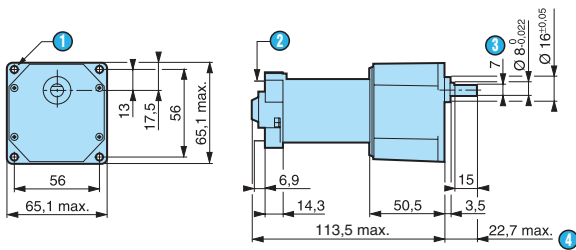
Curve: torque/nominal speed 808050



① rpm

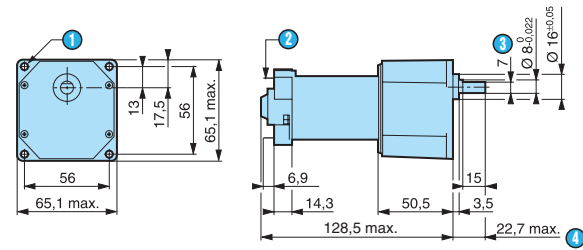
Dimensions

808150 standard



- ① 4 fixing holes $\text{Ø} 4.2$
- ② 2 tags IEC 760, series 4.8 x 0.5
- ③ 7 ± 0.1 across flats
- ④ Shaft pushed-in

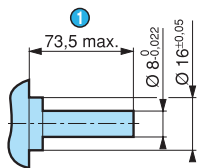
808050



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Options

Gearbox shaft 79290064



- ① Shaft pushed-in

Other information

Options

- Ball bearings on gearbox output shaft: part numbers become 808155 and 808055
- 48 V motor
- One-channel encoder, 1, 5 or 12 pulses/rev (SP 1737)

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