

D.C. geared motors with brushes

→ 5 Nm RC65 10 and 17 Watts

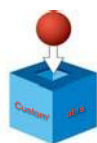
- Torque rating of gearboxes: 5 Nm, metal gears
- Motors: nominal power 9 W to 15 W
- Speed range: 1.04 to 208 rpm
- Replaceable brushes



Part numbers

		10 W	10 W	17 W	17 W
Type		808170	808170	808070	808070
Voltage		12 V	24 V	12 V	24 V
Output speed (rpm)	Ratios (i)				
208	12.5	●	●	80807012	80807018
156	50/3	●	●	●	●
104	25	●	●	80807013	80807019
62	125/3	●	●	80807014	80807020
42	62.5	●	●	80807015	80807021
21	125	●	●	80807016	80807001
10	250	●	●	●	●
5.20	500	●	●	80807017	80807022
1.04	2500	●	●	●	●
General characteristics					
Motor		828100	828100	828000	828000
Gearbox		810370	810370	810370	810370
Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm)		5	5	5	5
Axial load dynamic (daN)		2	2	2	2
Radial load dynamic (daN)		3	3	3	3
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)		710	710	800	800

Product adaptations



- Special supply voltage
- Optical or Hall effect encoder
- Special connections
- Special shaft
- Special reduction ratio (40 ratios available from 4 to 3750)
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- With 828105 or 828005 motor
- With 82830 - 30 W motor

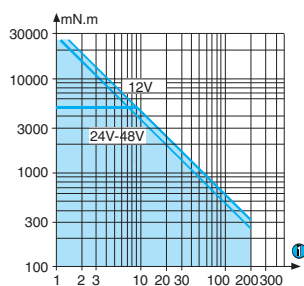
Stocked product

Product made to order

To order, see page 18

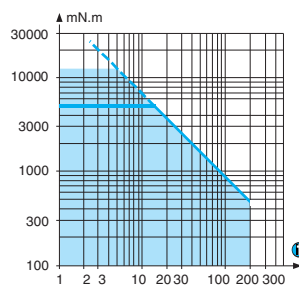
Curves

Curve: torque/nominal speed 808170



① rpm

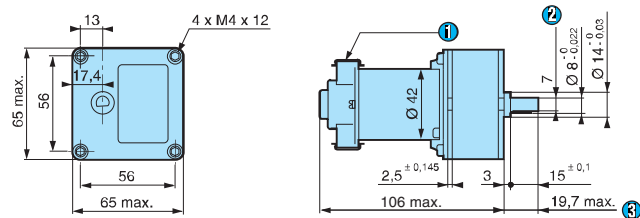
Curve: torque/nominal speed 808070



① rpm

Dimensions

808170 standard

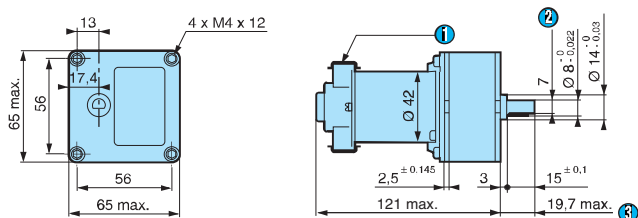


① 2 tags IEC 760, series 4.8 x 0.5

② 7 across flats

③ Shaft pushed-in

808070 standard



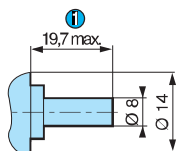
① 2 tags IEC 760, series 4.8 x 0.5

② 7 across flats

③ Shaft pushed-in

Options

Gearbox shaft 79206478



① Shaft pushed-in