

D.C. geared motors with brushes

→ 2 Nm RE1 10 and 17 Watts

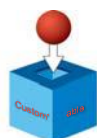
- Torque rating of gearboxes: 2 Nm, metal gears
- Motors: nominal power 9 W and 15 W
- Speed range: 60 to 400 rpm
- Cyclic operation only
- Replaceable brushes



Part numbers

		10 W	10 W	17 W	17 W
Type		808130	808130	808030	808030
Voltage		12 V	24 V	12 V	24 V
Output speed (rpm)	Ratios (i)				
400	13/2	•	•	•	•
301	855/99	•	•	•	•
161	728/45	•	•	80803005	80803008
120	65/3	•	•	•	•
103	455/18	•	•	•	•
80	32.5	•	•	80803006	80803009
60	130/3	•	•	80803007	80803010
General characteristics					
Motor		828100	828100	828000	828000
Gearbox		810430	810430	810430	810430
Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm)		2	2	2	2
Axial load dynamic (daN)		2	2	2	2
Radial load dynamic (daN)		2	2	2	2
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)		500	500	600	600

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

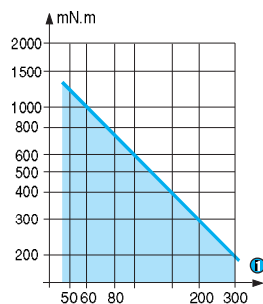
Stocked product

Product made to order

To order, see page 18

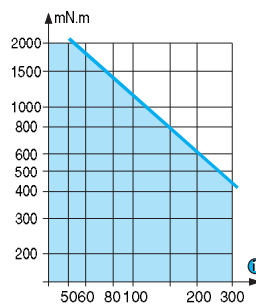
Curves

Curve: torque/nominal speed 808130



① rpm

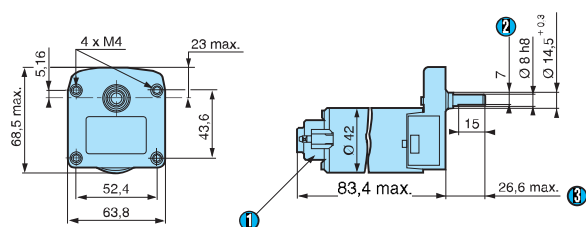
Curve: torque/nominal speed 808030



① rpm

Dimensions

808130 standard

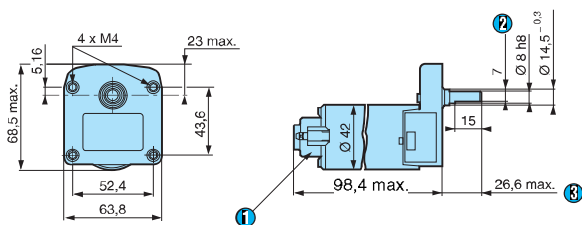


① 2 tags IEC 760, series 4.8 x 0.5

② 7 across flats

③ Shaft pushed-in

808030 standard



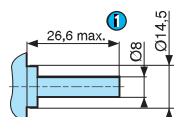
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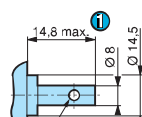
Options

Shaft 79261300



① Shaft pushed-in

Shaft 79261309



① Shaft pushed-in