

# D.C. geared motors with brushes

## → 5 Nm 8 and 16 Watts

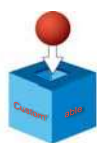
- Gearbox 5 Nm nominal
- With varistor filter
- Optional EMC filter
- Optional 1, 5, 12 or 48 pulses/rev encoder



### Part numbers

		8 W	8 W	16 W	16 W
Type		827370	827370	827470	827470
Voltage		12 V	24 V	12 V	24 V
<b>Output speed (rpm)</b>	<b>Ratios (i)</b>				
250	25/2	82737001	82737010	82747001	82747010
125	25	82737002	82737011	82747002	82747011
100	125/4	82737003	82737012	82747003	82747012
75	125/3	82737004	82737013	82747004	82747013
50	125/2	82737005	82737014	82747005	82747014
40	250/3	82737006	82737015	82747006	82747015
25	125	82737007	82737016	82747007	82747016
12	250	82737008	82737017	82747008	82747017
7	500	82737009	82737018	82747009	82747018
<b>General characteristics</b>					
Motor		82730001	82730002	82740001	82740002
Gearbox		810370	810370	810370	810370
Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm)		5	5	5	5
Axial load static (daN)		2	2	2	2
Radial load static (daN)		3	3	3	3
Max. output power (W)		8	8	16	16
Nominal output (W)		6.8	6.5	11	11
Gearbox case temperature rise (°C)		40	40	40	40
Weight (g)		520	520	580	580

### Product adaptations



- Special supply voltage
- Lead output
- Special connectors
- Special shaft
- Special reduction ratio (40 ratios available from 4 to 3750)
- Special materials for pinion
- Special ball bearings
- Special adaptor plate
- Class B EMC filter

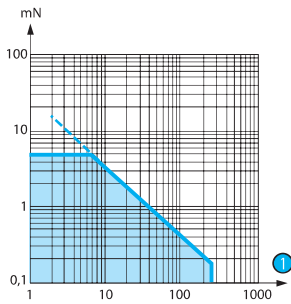
Stocked product

Product made to order

To order, see page 18

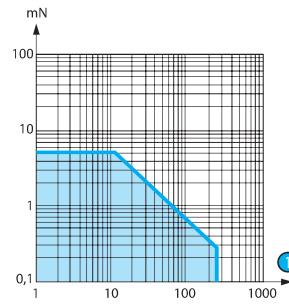
## Curves

Curve: torque/nominal speed 827370



rpm

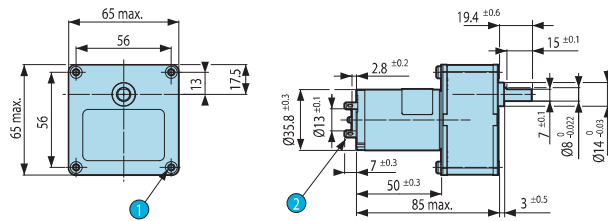
Curve: torque/nominal speed 827470



rpm

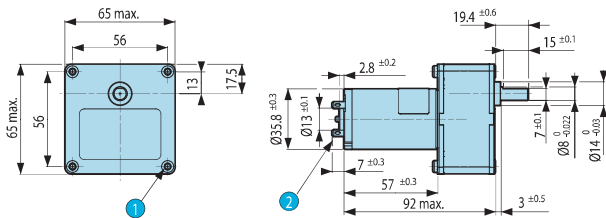
## Dimensions

827370



- ① 4 fixing holes M4 x 12 mm
- ② Tags 4.75 x 0.5

827470



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