

# D.C. geared motors with brushes

## → 5 Nm RC5 33 Watts

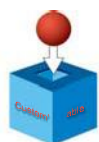
- Torque rating: 5 Nm, for long service life
- Motors: nominal power 27 W
- All-metal high-quality gearboxes, "integrated" geared motors
- Base speed range: 7.4 to 426 rpm
- UL approved



### Part numbers

		33 W	33 W
Type		808350	808350
Voltage		12 V	24 V
Standard speed (rpm)		1800	1800
<b>Output speed (rpm)</b>	<b>Ratios (i)</b>		
426	4.22	●	●
266	6.75	<b>80835012</b>	<b>80835009</b>
235	7.66	●	●
147	12.25	<b>80835013</b>	<b>80835004</b>
118	15.31	●	●
73	24.5	<b>80835014</b>	<b>80835002</b>
47	38.28	<b>80835015</b>	<b>80835003</b>
37	49	●	●
29.4	61.25	<b>80835016</b>	<b>80835008</b>
14.7	122.5	<b>80835017</b>	<b>80835006</b>
7.4	245	<b>80835018</b>	<b>80835005</b>
<b>General characteristics</b>			
Motor		828300	828300
Gearbox		810350	810350
Maximum permitted torque from gearmotor under continuous conditions (Nm)		5	5
Axial load dynamic (daN)		6	6
Radial load dynamic (daN)		6	6
Max. output power (W)		33	33
Nominal output (W)		27	27
Gearbox case temperature rise (°C)		50	50
Weight (g)		1540	1540
Approvals		UL 1004	UL 1004

### Product adaptations



- Special supply voltage
- Special cable length
- Optical or Hall effect encoder
- Special connectors
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- UL/CSA logo on label
- With 828305 - 67 W motors

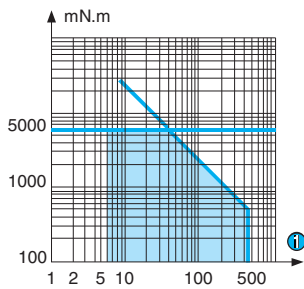
Stocked product

Product made to order

To order, see page 18

## Curves

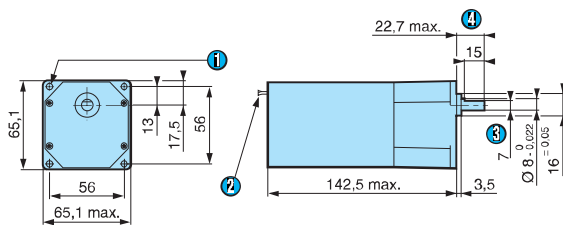
Curve: torque/nominal speed



rpm

## Dimensions

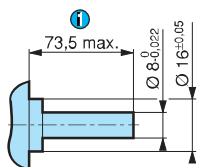
808350



- ① 4 fixing holes  $\varnothing$  4.2
- ② Lead length 200 mm  $\pm$ 10
- ③ 7 across flats
- ④ Shaft pushed-in

## Options

Gearbox shaft 79290064



- ① Shaft pushed-in

## Other information

### Options

- Ball bearings on gearbox output shaft: part number becomes 808355
- EMC filter
- 48 V, 90 V, 110 V motor
- 1- or 2-channel encoder, 1, 5 or 12 pulses/revolution