

# D.C. geared motors with brushes

## → 0.5 Nm PPGM 16 Watts

- Specially designed for applications using peristaltic pumps
- Long service life
- Silent operation
- Wide range of speeds
- Wide range of fixings



### Part numbers

		16 W	16 W
Type		827480	827480
Voltage		12 V	24 V
<b>Output speed (rpm)</b>	<b>Ratios (i)</b>		
280	10.6	●	●
230	12.8	●	●
200	14.5	●	●
140	20.8	●	●
120	24.2	●	●
93	32.2	●	●
86	34.7	●	●
71	42.1	●	●
60	51.2	●	●
50	58.1	●	●
44	83.2	●	●
36	104	●	●
29	121.3	●	●

General characteristics			
Motor		82740001	82740002
Gearbox		810380	810380
Maximum permitted torque from gearmotor under continuous conditions (Nm)		0,5	0,5
Axial load dynamic (daN)		3,5	3,5
Radial load dynamic (daN)		5	5
Max. output power (W)		16	16
Nominal output (W)		11	11
Gearbox case temperature rise (°C)		45	45
Weight (g)		600	600
Service life (h)		3000	3000

### Product adaptations



- Different gearbox shaft (shape and diameter)
- Different gear material
- Different reduction ratio
- Connections
- M5 or 8-32 UNC-2B threads
- With centring diameter
- With 1 to 48 pulses/revolution encoder

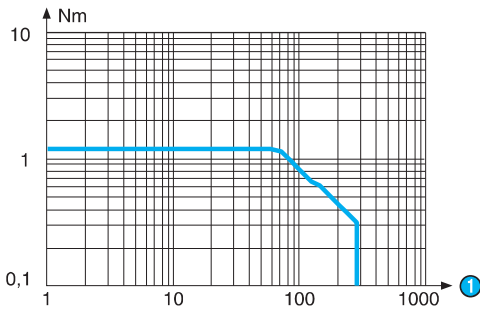
Stocked product

Product made to order

To order, see page 18

## Curves

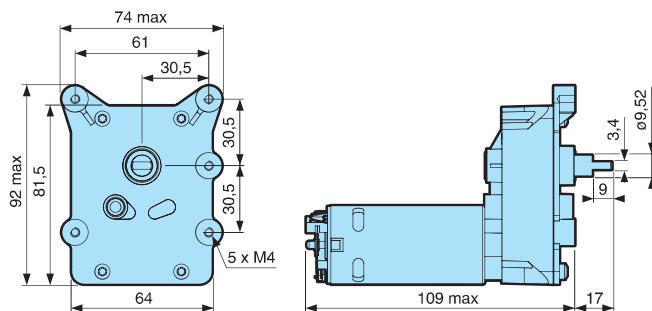
Curve: torque/nominal speed 827480



① rpm

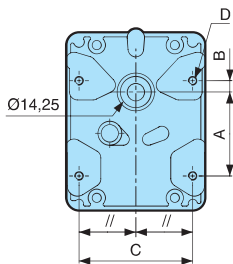
## Dimensions

827480 - Cover WM



## Options

Cover E

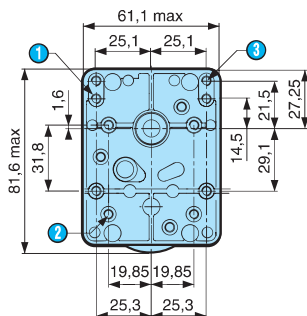


	A	B	C	D
79207808	41,3	1,6	39,7	M4
79510107	43,6	5,16	52,4	M4
79510106	31,8	1,6	39,7	M4

Special fixing holes can be made

1, 5, 12, 48 pulses/revolution encoder  
(part number becomes 827485)

Cover 1

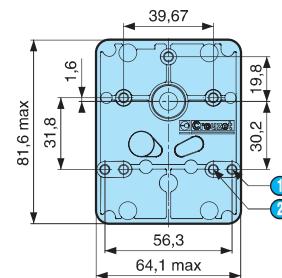


- ① 4 holes M4 depth: 7.5 mm
- ② 3 holes M5 at 120° depth 7.5 mm
- ③ 4 holes M4 depth: 7.5 mm

Available only for shaft Ø 8 mm

1, 5, 12, 48 pulses/revolution encoder  
(part number becomes 827485)

Cover 2



- ① 3 holes M4 depth: 7.5 mm
- ② 4 x 8-32 UNC-2B holes depth: 7.5 mm

1, 5, 12, 48 pulses/revolution encoder  
(part number becomes 827485)