

D.C. geared motors with brushes

→ 0.5 Nm ovoid 3.9 Watts

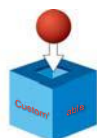
- Torque rating of gearboxes: 0.5 Nm, high-performance plastic gears
- Motors: nominal power 3 W, interference suppression for standard stocked products
- Wide speed range: 0.3 to 430 rpm
- Optional encoder built into the motor



Part numbers

		3.9 W	3.9 W
Type		828610	828610
Voltage		12 V	24 V
Standard speed (rpm)		4300	4300
Output speed (rpm)	Ratios (i)		
430	10	82861006	82861015
215	20	82861007	82861016
179	24	●	●
143	30	82861008	82861017
108	40	82861009	82861018
90	48	●	●
54	80	82861010	82861019
49	90	●	●
29	150	●	●
22	200	82861011	82861020
11	375	82861012	82861021
8.6	500	82861013	82861022
5.8	750	●	●
3.6	1200	82861014	82861023
1.8	2400	●	●
0.80	5400	●	●
0.36	12000	●	●
General characteristics			
Motor		828600	828600
Gearbox		810210	810210
Maximum permitted torque from gearmotor under continuous conditions (for 1 million turns) Nm		0.5	0.5
Axial load static (daN)		1	1
Radial load static (daN)		8	8
Max. output power (W)		3.9	3.9
Nominal output (W)		3	3
Gearbox case temperature rise (°C)		50	50
Weight (g)		160	160

Product adaptations



- Special supply voltage
- Lead output
- 1 or 5 pulse encoder
- Special connectors
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- EMC filter
- More than 200 reduction ratios available

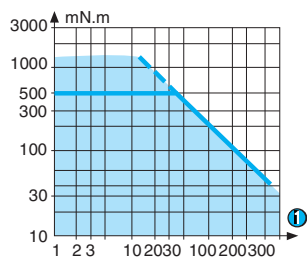
Stocked product

Product made to order

To order, see page 18

Curves

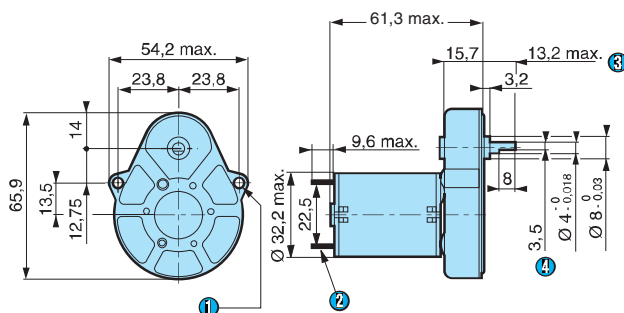
Curve: torque/nominal speed 828610



i rpm

Dimensions

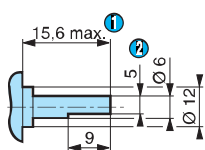
828610



- 1** 2 fixing holes $\varnothing 3.2$
- 2** 2 standard tags NFC 20-120, series 2.8 x 0.5 mm
- 3** Shaft pushed-in
- 4** 3.5 across flats

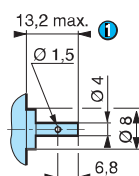
Options

Shaft 70999421
SP1295.10



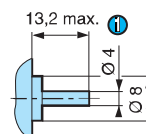
- 1** Shaft pushed-in
- 2** 5 across flats

Shaft 79200779



- 1** Shaft pushed-in

Shaft 79200967



- 1** Shaft pushed-in