

D.C. geared motors with brushes

→ 0.5 Nm ovoid 1.4 and 3.2 Watts

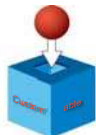
- Gearbox 0.5 Nm
- Motor power max. 3.2 W
- Class A EMC interference suppression (radiated)
- Compatible with 6 V, 9 V or 12 V battery power supply
- Optional class B interference suppression
- Optional 1, 5, 12 or 48 pulses/rev encoder



Part numbers

		1.4 W	1.4 W	3.2 W	3.2 W
Type		827140	827140	827240	827240
Voltage		12 V	24 V	12 V	24 V
Output speed (rpm)	Ratios (i)				
469	15/2	•	•	•	•
422	25/3	•	•	82724001	82724009
293	12	•	•	82724002	82724010
235	15	82714001	82714008	•	•
196	18	•	•	82724003	82724011
186	45/2	82714002	82714009	82724004	82724012
117	30	82714003	82714010	82724005	82724013
78	45	82714004	82714011	82724006	82724014
63	225/4	82714005	82714012	82724007	82724015
40	250/3	82714006	82714013	82724008	82724016
31	120	82714007	82714014	•	•
21	200	-	-	•	•
12	375	-	-	•	•
General characteristics					
Motor		82710001	82710002	82720001	82720002
Gearbox		810210	810210	810210	810210
Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm)		0.5	0.5	0.5	0.5
Axial load static (daN)		1	1	1	1
Radial load static (daN)		8	8	8	8
Max. output power (W)		1.4	1.4	3.2	3.2
Nominal output (W)		1	1	2.6	2.6
Gearbox case temperature rise (°C)		40	40	40	40
Weight (g)		120	120	140	140

Product adaptations



- Special supply voltage
- Lead output
- Special connectors
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- Class B EMC filter
- Friction
- Y system
- Greasing at low temperature
- Different number of pulses

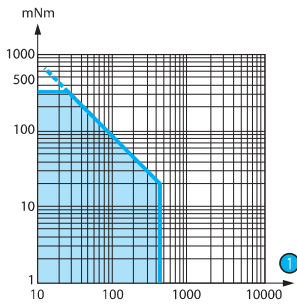
Stocked product

Product made to order

To order, see page 18

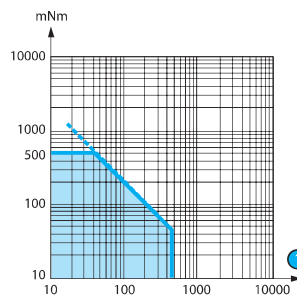
Curves

Curve: torque/nominal speed 827140



① rpm

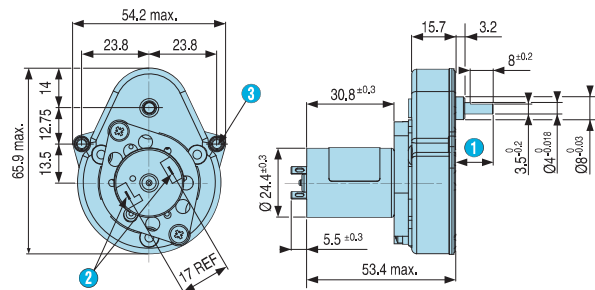
Curve: torque/nominal speed 827240



① rpm

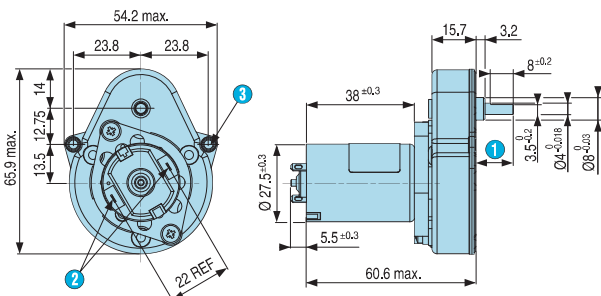
Dimensions

827140



- ① 13.2 mm max. shaft pushed-in
- ② 2 solder tags 2.8 x 0.5 mm
- ③ 2 fixing holes Ø 3.2 mm

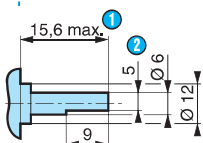
827240



- ① 13.2 mm max. shaft pushed-in
- ② 2 solder tags 2.8 x 0.5 mm
- ③ 2 fixing holes Ø 3.2 mm

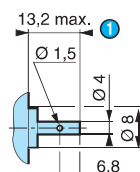
Options

Shaft 70999421 SP1295.10



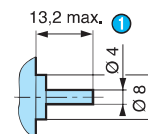
- ① Shaft pushed-in
- ② 5 cross flats

Shaft 79200779



- ① Shaft pushed-in

Shaft 79200967



- ① Shaft pushed-in