

D.C. geared motors with brushes

→ 15 Nm 22 and 42 Watts

- Torque rating of gearboxes: 0.8 to 15 Nm
- Associated DC motors: 20 to 32 W
- Planetary DC geared motors with brushes
- Speed range: 11 to 454 rpm

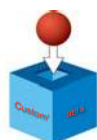


Part numbers

			22 W	42 W
Type			808092	808593
Voltages			12 V or 24 V	12 V or 24 V
Number of stages	Speed (rpm)	Ratios		
1	454	6.75	●	-
1	477	6.75	-	●
2	122	25.0	●	-
2	128	25.0	-	●
2	69	46	●	-
2	70	46	-	●
3	33	93	●	-
3	34	93	-	●
3	20	169	●	-
3	19	169	-	●
3	12	308	●	-
3	11	308	-	●

General characteristics				
Motor			828005	828500
Gearbox			810492	810493
Max. torque (Nm)			0.8 (1 stage) 2 (2 stages) 4 (3 stages)	3 (1 stage) 7.5 (2 stages) 15 (3 stages)
Efficiency (%)			0.75 (1 stage) 0.7 (2 stages) 0.65 (3 stages)	0.8 (1 stage) 0.75 (2 stages) 0.7 (3 stages)
Radial load dynamic (daN)			1.5 (1 stage) 3 (2 stages) 4.5 (3 stages)	16 (1 stage) 23 (2 stages) 30 (3 stages)
Axial load dynamic (daN)			0.5 (1 stage) 1 (2 stages) 1.5 (3 stages)	5 (1 stage) 8 (2 stages) 11 (3 stages)
Output ball bearing			-	✓
Sintered bronze output bearing			✓	-
Casing			Plastic	Metal
Approvals			-	UL 1004

Product adaptations



- Special supply voltage
- Special cable length
- Optical or Hall effect encoder
- Special connections
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special adaptor plate
- Low-noise version
- UL/CSA logo on label
- With other 82800 and 82810 motors

Stocked product

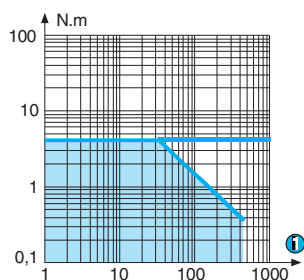
Product made to order

To order, see page 18



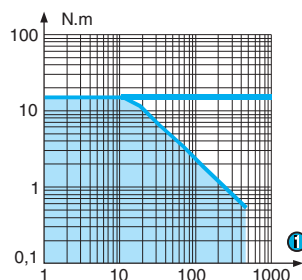
Curves

808092



① rpm

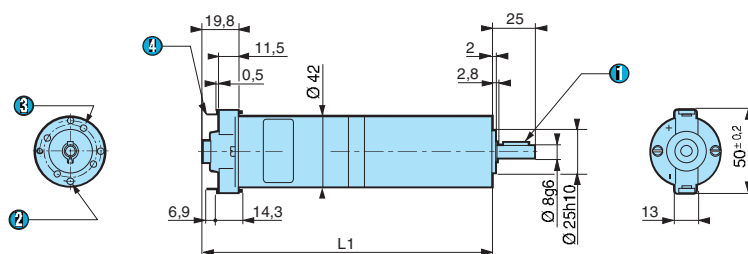
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① rpm

Dimensions

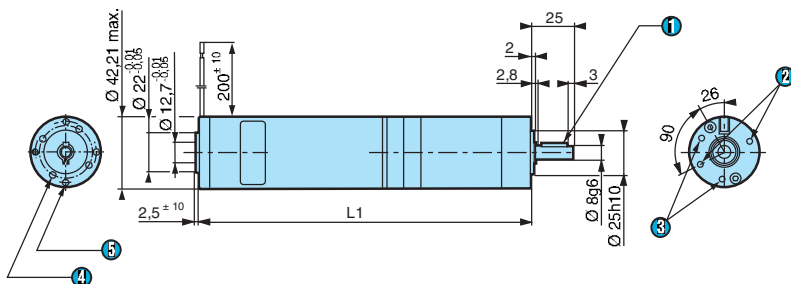
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- ① Key 3 x 3 x 16
- ② 4 M4 x 10 over Ø 36
- ③ 4 holes for M3 self-tapping screws over Ø 32, depth 10
- ④ 2 x 4.75 tags

L1 1 stage: 134 mm
L1 2 stages: 147 mm
L1 3 stages: 160 mm

808593



- ① Key 3 x 3 x 16
- ② 2 M3 x 0.5 at 180°, depth 5.5 over Ø 32
- ③ 2 M3 x 0.5 at 120°, depth 5.5 over Ø 32
- ④ 4 M4 x 10 over Ø 36
- ⑤ 4 M3 x 10 over Ø 32

L1 1 stage: 162 mm
L1 2 stages: 175 mm
L1 3 stages: 188 mm