

D.C. geared motors with brushes

→ 5 Nm 10 and 17 Watts

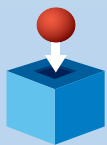
- A range of D.C. geared motors with solid metal gears. Mechanical rating of gearbox with output shaft stalled : 5 Nm.
- 10 and 17 Watt motor power.
- Available in either 12, 24 or 48 V D.C.
- Gearbox ratios options for 1 to 208 rpm.



Specifications

		17 Watts	17 Watts	10 watts	10 Watts
Type		80 807 0	80 807 0	80 817 0	80 817 0
Voltage		12 V	24 V	12 V	24 V
Output speed (rpm)	Ratios (i)				
208	12.5	80 807 012	80 807 018	•	•
156	50/3	•	•	•	•
104	25	80 807 013	80 807 019	•	•
62	125/3	80 807 014	80 807 020	•	•
42	62.5	80 807 015	80 807 021	•	•
21	125	80 807 016	80 807 001	•	•
10	250	•	•	•	•
5.20	500	80 807 017	80 807 022	•	•
1.04	2500	•	•	•	•
General characteristics					
Motor		82 800 0	82 800 0	82 810 0	82 810 0
Gearbox		81 037 0	81 037 0	81 037 0	81 037 0
Maximum permitted torque from gearmotor under continuous conditions for 1 millions turns (Nm)		5	5	5	5
Axial load dynamic (daN)		2	2	2	2
Radial load dynamic (daN)		3	3	3	3
Max. output (W)		16.3	17	10.3	9.5
Nominal output (W)		15.7	15.6	9.4	8.7
Gearbox case temperature rise (°C)		44	40	45	46
Weight (g)		800	800	710	710

Product adaptations



- Special supply voltages
- Special cable lengths
- Optional encoder
- Special connectors
- Special output shafts
- Special gearbox ratios
- Special gear wheel material
- Special output bearings
- Special mounting plate