

Single direction synchronous geared motors

→ 3 Nm 3.5 Watts

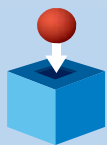
- Mechanical strength : 3 Nm
- Constant speed, dependent on supply frequency
- Wide range of speeds available
- Direction of rotation controlled by long-life mechanical
- Permanent magnet rotor
- UL, CSA, VDE approved, comply with IEC standards



Specifications

		3.5 Watts
Type		80 333 5
Base speed of motor (rpm)		600
Voltage / Frequency		230-240 V - 50 Hz
Output speed (rpm)	Ratios (i)	
29	20.83	●
14	41.66	●
7	83.33	●
4	150	●
3.2	187.5	●
2	300	●
1.6	375	●
1	600	●
0.8	750	●
0.5	1200	●
0.267	2250	●
0.25	2400	●
0.167	3600	●
General characteristics		
Motor		82 330 5
Gearbox		81 023
Maximum permitted continuous rated gearbox output torque (Nm)		3
Axial load static (daN)		2
Radial load static (daN)		3
Absorbed power (W)		3.5
Motor output (W)		0.42
Maximum temperature rise (°C)		55
Ambient temperature (°C)		-5 → +60
Weight (g)		440
Wires length mm (approximately)		250
Protection rating		IP30

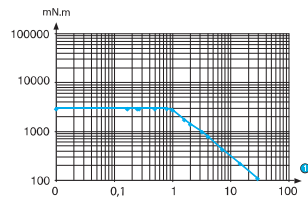
Product adaptations



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

Curves

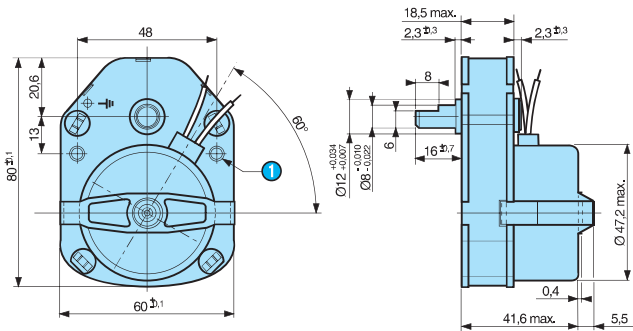
Graph of torque versus speed 82 333 5



① RPM

Dimensions

80 333 5



① 2 fixing holes Ø 4.1 max.

Other information

The speed of a motor powered by a 60 Hz supply is 20 % higher than that of a motor powered by a 50 Hz supply.