

Direct drive single direction synchronous motors

→ Starting/running torque 2.5 mNm

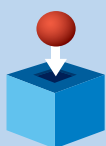
- Constant speed dependent on supply frequency
- Direction of rotation controlled by long-life mechanical anti-return
- Permanent magnet rotor with 5 pole pairs
- Toughened shaft turning on two moulded polyamide bearings
- UL, CSA (class B) - VDE approved.



Specifications

Type	82 340 0
Voltages/Frequencies	230 V 50 Hz
Direction of rotation	
Clockwise	82 340 194
Anti-clockwise	82 340 195
General characteristics	
Base speed of motor (rpm)	600
Absorbed power (W)	3
Usable Power (W)	0.16
Starting/running torque (mN.m)	2.5
Stall torque (mN.m)	3.3
Temperature rise (°C)	55
Ambient temperature (°C)	-5 → +60
Maximum inertial load that can be moved (g.cm ²)	4.6
Number of offload starts 10 ⁶	10
Max. reverse rotation angle (°)	360
Insulation resistance (MΩ)	75 x 10 ³
Breakdown voltage (V-50 Hz)	1800 - 1 s
Weight (g)	110
Wires length mm (approximately)	250
Protection rating	IP30

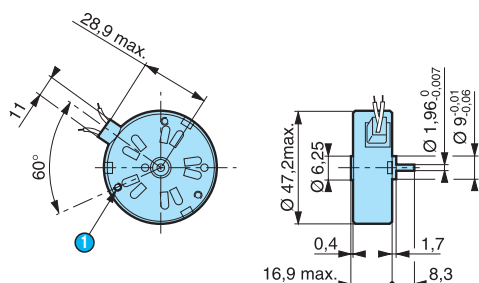
Product adaptations



- Pinion on output shaft
- Special supply voltages
- Special cable lengths
- Special connectors

Dimensions

82 340 0



① 3 fixing holes ØM2 at 120 ° on r=19.5 max. depth 2.4 mm

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.

To order, see page 13

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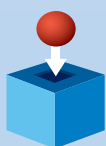


Specifications

Type	82 330 5
Voltage / Frequency	230 V - 50 Hz
Direction of rotation	
Clockwise	82 330 582
Anti-clockwise	82 330 583
General characteristics	
Base speed of motor (50 Hz) (rpm)	600
Absorbed power (W)	3.5
Usable Power (W)	0.42
Starting/running torque (mN.m)	8
Stall torque (mN.m)	12
Temperature rise (°C)	55
Ambient temperature (°C)	-5 → +60
Maximum inertial load that can be moved (g.cm ²)	11
Number of offload starts 10 ⁶	10
Max. reverse rotation angle (°)	72
Insulation resistance (MΩ)	75 x 10 ³
Breakdown voltage (V-50 Hz)	1800 - 1 s
Weight (g)	160
Wires length mm (approximately)	250
Protection rating	IP30

0.42 Watts

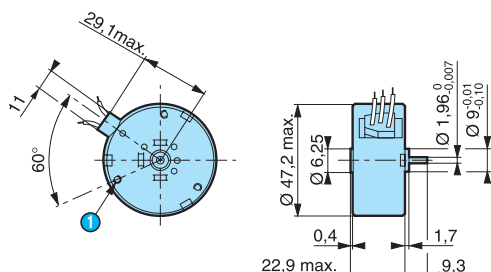
Product adaptations



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- Special connectors

Dimensions

82 330 5



1 3 fixing holes Ø M2 at 120 ° on r=19.5 max. depth 3.5 mm

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.