Direct drive reversible synchronous motors

➜ Starting/running torque 106 mN.m

- **Constant speed,dependent on supply frequency**
- **Direction of rotation controlled by dephasing capacitor**
- **Sintered bearing lubricated for life**
- **Silent operation**
- **UL, CSA (class B) - VDE approved.**

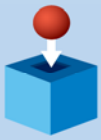


Specifications

	7.2 Watts
Type	82 540 0
Voltages/Frequencies	230-240 V 510 Hz
Part numbers	82 540 0
General characteristics	
Base speed of motor (rpm)	250
Absorbed power (W)	7.2
Usable Power (W)	2.65
Starting/running torque (mN.m)	106
Stall torque (mN.m)	118
Temperature rise (°C)	60
Ambient temperature (°C)	-10 +70
Maximum inertial load that can be moved ($g.cm^2$)	180
Number of offload starts	∞
Insulation resistance (MΩ)	$75x10^3$
Breakdown voltage (V-50 Hz)	1800 -1 sec.
Weight (g)	540
Wires length (mm)	250
Protection rating	IP40

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Product adaptations



- **Special output shafts**
- **Pinion on output shaft**
- **Special supply voltages**
- **Special cable lengths**
- **Special output bearings**
- **Special mounting plate**
- **Special connectors**

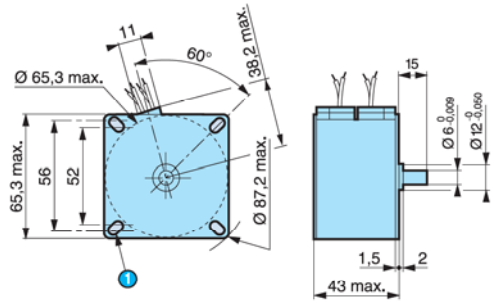
To order, see page 13

Accessories

Voltages/Frequencies	µF	V	Code
Capacitors motor 82 540 0			
230-240 V 50 Hz	0.22 ± 5 %	630	**26 231 909**
115 V - 60 Hz	0.56 ± 5 %	400	**26 231 822**
24 V - 50 Hz	22 ± 10 %	63	**26 231 703**
24 V - 60 Hz	15 ± 5 %	70	**26 231 728**

Dimensions

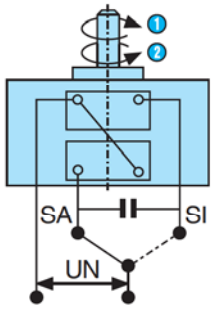
82 540 0



1 4 oblong fixing holes 4.2 mm wide

Connections

In parallel
Motors 82 540 0



1 SA : Clockwise
2 SI : Anti-clockwise

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.