Direct drive reversible synchronous motors

➜ Starting/running torque 55 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.**

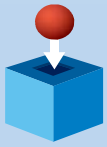


Specifications

	3.6 Watts
Type	82 530 0
Voltage / Frequency	230-240 V 50 Hz
Part numbers	82 530 0
General characteristics	
Base speed of motor (rpm)	250
Absorbed power (W)	3.6
Usable Power (W)	1.37
Starting/running torque (mN.m)	55
Stall torque (mN.m)	58
Temperature rise (°C)	45
Ambient temperature (°C)	-10 → +85
Maximum inertial load that can be moved (g.cm²)	130
Number of offload starts	∞
Insulation resistance (MΩ)	$75x10^3$
Breakdown voltage (V-50 Hz)	1800 -1 sec.
Weight (g)	340
Wires length mm (approximately)	250
Protection rating	IP40

4

Product adaptations



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

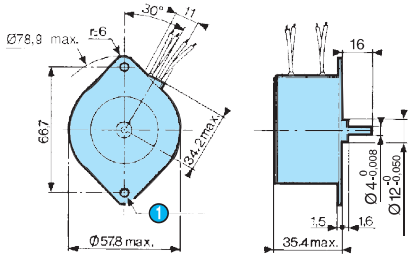
To order, see page 13

Accessories

Voltages/Frequencies	µF	V	Code
Capacitors motor 82 530 0			
230-240 V - 50 Hz	0.10 ± 10 %	700	**26 231 941**
115 V 50/60 Hz	0.39 ± 10 %	630	**26 231 924**
24 V - 50 Hz	10 ± 5 %	100	**26 231 720**
24 V - 60 Hz	6.8 ± 10 %	63	**26 231 708**

Dimensions

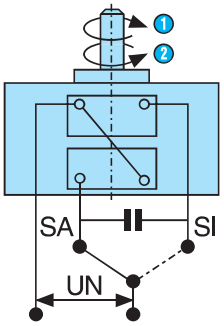
82 530 0



1 2 fixing holes Ø 4.4

Connections

In parallel
Motors 82 530 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.