

# Direct drive reversible synchronous motors

## → Starting/running torque 12 mNm

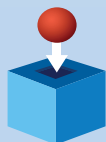
- Constant speed, dependant upon supply frequency
- Direction of rotation controlled by dephasing capacitor
- Sintered bearing lubricated for life
- Silent operation
- UL, CSA (class B) - VDE approved.



### Specifications

	2.7 Watts	2.7 Watts
Type	82 510 0	82 510 5
Voltages/Frequencies	230 - 240 V 50 Hz	230 - 240 V - 50/60 Hz
Part numbers	82 510 0	82 510 5
<b>General characteristics</b>		
Base speed of motor (rpm)	250	500
Absorbed power (W)	2.7	2.7
Usable Power (W)	0.31	0.52
Starting/running torque (mN.m)	12	10
Stall torque (mN.m)	15	12
Temperature rise (°C)	55	65
Ambient temperature (°C)	-10 +75	-5 +65
Maximum inertial load that can be moved (g.cm <sup>2</sup> )	22	22
Number of offload starts	∞	∞
Insulation resistance (MΩ)	75x10 <sup>3</sup>	75x10 <sup>3</sup>
Breakdown voltage (V-50 Hz)	1800-1 sec	1800-1 sec
Weight (g)	90	90
Wires length mm (approximately)	250	250
Protection rating	IP40	IP40

### 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