Man.El.Service Srl
Torino: +39 011 25 35 33 I Milano: +39 02 83 62 30 79
info@manelservice.com
Via Carlo Pittara 46 - 10151 Torino (TO) - Italy
PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V

BA.M.E. MEC90L MOTOR 1,84KW 2 POLES

Reference: MEC90L184-2

BA.M.E. MEC90L 1,84KW 2 POLES SINGLE PHASE ASYNCHRONOUS ELECTRIC MOTORS

The motor electric BAME MEC90L is capable of delivering a power of 1,84KW, asynchronous single-phase closed construction with protection class IP54.

BA.M.E MEC90L is an asynchronous AC motor in which the angular speed of the rotor is lower than the rotation speed of the magnetic field generated by the stator windings, hence the asynchronism (as opposed to the synchronous motor, in which the rotor speed is a direct function of the stator field generation frequency).

The BA.M.E. electric motor is characterized by a closed structure with protection class IP54 which ensures that the unit is protected from dust accumulation inside it and from water splashes from any direction, making it incredibly safe and usable in many areas without the fear of the presence of water. In addition, the BAME MEC90S motor is available in a variety of designs to suit any application.

The BA.M.E. electric motor is in continuous duty or S1 which allows the motor to continue to work even under constant load while remaining in thermal equilibrium, which makes it particularly efficient even with heavy loads, without the fear of malfunctions or overvoltages that could compromise its operation.

The BA.M.E. motor is composed of a non-threaded shaft and a plastic protection fan cover to avoid the contact of hands or foreign bodies on the cooling fan.

The motors supplied already complete with electrical protections, they do not need to be adjusted, the protections are adopted according to the overall characteristics.

They are in compliance with Directive 2006/42/EC as components, commissioning is not permitted until the machine as a whole is also declared compliant.
In addition, they meet the requirements of the standard CEI EN 60204-1 "Electrical equipment of the machines"

TECHNICAL FEATURES ELECTRIC MOTOR BA.M.E. MEC90L 1.84KW

Motor Type: Electric
Phase: Single-phase
Power: 1.84KW
Mechanical Power: 2,5 Hp
Voltage: 230 V
Frequency: 50 Hz
Protection: IP54
Length: 327 mm
Width: 182 mm

Man.El.Service Srl
Torino: +39 011 25 35 33 I Milano: +39 02 83 62 30 79
info@manelservice.com
Via Carlo Pittara 46 - 10151 Torino (TO) - Italy
PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V

Height: 221 mm
Weight: 13.5 Kg

Are you looking for a different model of single phase asynchronous electric motor? Visit the dedicated section and discover the one that suits your needs.

Images and technical data are not binding.

Technical Sheet

Phase	Single phase
Frequency (Hz)	50
Voltage (V)	230
Engine rpm (rpm)	2800
Poles	2
Power (KW)	1.84
Protection degree	IP54
Length (mm)	327
Width (mm)	221
Height (mm)	182
Weight (Kg)	16