

BERNATI

Technical drawing of a Bernati BMM 801-2 single-phase asynchronous motor. The drawing includes a side view, a front view, and a detail of the terminal box.

Side View Dimensions:

- Total length: 290 mm
- Mounting flange diameter: Ø164 mm
- Shaft diameter: Ø30 mm
- Terminal box diameter: Ø19 mm
- Terminal box mounting hole diameter: 10.6 mm
- Terminal box mounting hole tolerance: $0 -0.03$
- Terminal box mounting hole position tolerance: $+0.06/0.04$
- Terminal box mounting hole position tolerance: $3.5 -0.12$
- Terminal box mounting hole position tolerance: $32.6 -0.13$
- Terminal box mounting hole position tolerance: $40 +0.31 -0.24$
- Terminal box mounting hole position tolerance: $50 +1.5 -1.0$
- Terminal box mounting hole position tolerance: 100
- Terminal box mounting hole position tolerance: 10

Front View Dimensions:

- Motor body diameter: Ø200 mm
- Mounting flange diameter: Ø165 mm
- Mounting flange hole diameter: 4-Ø12
- Mounting flange hole position tolerance: $80 -0.5$
- Mounting flange hole position tolerance: 125
- Mounting flange hole position tolerance: 160
- Mounting flange hole position tolerance: 223

Detail Dimensions:

- Terminal box diameter: Ø19 mm
- Terminal box mounting hole diameter: 10.6 mm
- Terminal box mounting hole tolerance: $0 -0.03$
- Terminal box mounting hole position tolerance: $+0.06/0.04$
- Terminal box mounting hole position tolerance: $3.5 -0.12$
- Terminal box mounting hole position tolerance: $32.6 -0.13$
- Terminal box mounting hole position tolerance: $40 +0.31 -0.24$
- Terminal box mounting hole position tolerance: $50 +1.5 -1.0$
- Terminal box mounting hole position tolerance: 100
- Terminal box mounting hole position tolerance: 10

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Scale:	Description:	Model:
1:15	Single phase asynchronous motor	BMM 801-2
Drawing in:		BDM0075.08B235.11
Page size:		A3
		ENG
		1/1

Product Code	BDM0075.08B235.11
Motor Type/Frame	BDM 801-2
Mounting	IM B3/B5
Output Power (kW)	0.75
Speed (rpm)	2840
Tension (V)	230
Frequency (Hz)	50
Current (A)	4.30
Power factor (Cos Ø)	1.00
Poles	2
Insulation Class	F
IP Class	IP55
100% Efficiency	77.5
Torque (Nm)	2.50
Tstart / Tnominal	2.50
Istart / Inominal	6.50
Tmax / Tnominal	1.80
Noise (dB)	75
PTC Thermistor	N/A
Weight (Kg)	9
DE Bearing	6204 2RZ C3
NDE Bearing	6204 2RZ C3