

BERNATI

Technical drawing of a Bernati BCL 112M-4 three-phase asynchronous motor. The drawing includes a side view and a front view.

Side View Dimensions:

- Total length: 464 mm
- Mounting bracket width: 112 mm
- Mounting hole diameter: $\varnothing 29.6$ (+0.009/-0.004)
- Mounting hole spacing: 10.9 mm (+0/-0.036)
- Mounting bracket height: 33.5 mm (+0/-0.28)
- Mounting bracket hole diameter: 10.9 mm (+0/-0.036)
- Mounting bracket hole spacing: 24.5 mm (+0/-0.2)
- Mounting bracket hole diameter: 3.5 mm (+0/-0.12)
- Mounting bracket hole spacing: 60 mm (± 0.31)
- Mounting bracket hole diameter: 110 mm (+0.013/-0.009)

Front View Dimensions:

- Outer diameter: $\varnothing 160$
- Inner diameter: $\varnothing 130$
- Mounting hole diameter: 4-M8
- Mounting hole spacing: 112 mm
- Mounting hole diameter: 168 mm

Motor Label: BCL 112M-4

Brand: BERNATI

Scale:	Description:	Model:
1:1	Three phase asynchronous motor	BCL 112M-4
		Drawing n°: BCL0400.1104.14.11
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Product Code	BCL0400.11D414.11
Motor Type/Frame	BCL 112M-4
Mounting	IM B14
Output Power (kW)	4.00
Speed (rpm)	1440
Tension (V)	230/400
Frequency (Hz)	50
Current (A)	8.20
Power factor (Cos Ø)	0.80
Poles	4
Insulation Class	F
IP Class	IP55
50% Efficiency	85.4
75% Efficiency	86.0
100% Efficiency	84.7
Tstart / Tnominal	2.50
Istart / Inominal	7.10
Tmax / Tnominal	2.90
Noise (dB)	65
PTC Thermistor	N/A
Weight (Kg)	37
DE Bearing	6306 2RZ C3
NDE Bearing	6206 2RZ C3