

BERNATI

TECHNICAL DRAWING OF MOTOR BCL 100L2-6

The drawing shows two views of the motor:

- Side View (Left):** Shows the motor's profile with dimensions:
 - Total length: $433/451$ mm
 - Mounting flange diameter: 160 mm
 - Overall diameter: 249 mm
 - Mounting holes: $2-M20 \times 1.5$
 - Dimensions for mounting feet: $60^{+0.37}_{-0.37}$, 63 ± 0.2 , 140 , and $12U+00D715$.
- Front View (Right):** Shows the circular end face with dimensions:
 - Outer diameter: 249 mm
 - Inner diameter: 160 mm
 - Mounting flange thickness: $8^{+0}_{-0.036}$ mm
 - Flange width: $28^{+0.009}_{-0.004}$ mm
 - Flange hole diameter: $24^{+0}_{-0.1}$ mm

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Scale: 1:2	Description: Three phase asynchronous motor	Model: BCL 100L2-6 Drawing n°: BCL0220.10J603.11 Page size: A3 ENG 1/1

Product Code	BCL0220.10J603.11
Motor Type/Frame	BCL 100L2-6
Mounting	IM B3
Output Power (kW)	2.20
Speed (rpm)	950
Tension (V)	230/400
Frequency (Hz)	50
Current (A)	5.40
Power factor (Cos Ø)	0.80
Poles	6
Insulation Class	F
IP Class	IP55
50% Efficiency	77.8
75% Efficiency	78.4
100% Efficiency	77.0
Tstart / Tnominal	2.20
Istart / Inominal	6.00
Tmax / Tnominal	2.20
Noise (dB)	63
PTC Thermistor	N/A
Weight (Kg)	23
DE Bearing	6206 2RZ C3
NDE Bearing	6206 2RZ C3