

Three-phase asynchronous motor in aluminum

Voltage V	Power kW	Frequency Hz	Current A	Speed rpm
230	0,06	50	0,52	1400
400	0,06	50	0,30	1400
460	0,07	60	0,30	1680

Technical drawing of a 100W 220V 50Hz single-phase asynchronous motor. The drawing includes a side view (left) and a front view (right).

Side View Dimensions:

- Total width: 196
- Mounting flange width: 88
- Motor body width: 71
- Base width: 36±1.5
- Mounting flange thickness: 7.2⁰_{-0.1}
- Mounting flange hole diameter: $\phi 8$ ^{+0.027}_{-0.02}
- Mounting flange hole position: 3.0⁰_{-0.03}
- Mounting flange hole position: 3.0⁰_{-0.03}
- Mounting flange hole position: 2.5⁰_{-0.1}
- Mounting flange hole position: $\phi 50$ ^{+0.011}_{-0.006}
- Mounting flange hole position: 20±0.26
- Mounting flange hole position: 36±1.5
- Mounting flange hole position: 71
- Mounting flange hole position: 110

Front View Dimensions:

- Total width: 110
- Mounting flange width: 88
- Base width: 90
- Mounting flange thickness: 7.2⁰_{-0.1}
- Mounting flange hole diameter: $\phi 8$ ^{+0.027}_{-0.02}
- Mounting flange hole position: 3.0⁰_{-0.03}
- Mounting flange hole position: 3.0⁰_{-0.03}
- Mounting flange hole position: 2.5⁰_{-0.1}
- Mounting flange hole position: $\phi 50$ ^{+0.011}_{-0.006}
- Mounting flange hole position: 20±0.26
- Mounting flange hole position: 36±1.5
- Mounting flange hole position: 71
- Mounting flange hole position: 110

Motor Specifications:

- Power: 100W
- Voltage: 220V
- Frequency: 50Hz
- Motor Type: Single-phase asynchronous