

Technical drawing of a 100W, 230V, 50Hz, 1400rpm, 1-phase induction motor. The drawing includes a front view (left) and a top view (right).

Front View Dimensions:

- Total width: 409
- Mounting bracket width: 126
- Mounting holes: M32x1.5 (48 apart, 24 from center)
- Terminal box width: 50
- Base dimensions: 30, 48, 48, 140 ±1, 176
- Motor diameter: Ø 239
- Shaft diameter: Ø 12
- Mounting feet: 25

Top View Dimensions:

- Total width: 226
- Mounting bracket width: 163
- Mounting holes: M32x1.5 (80.5 apart)
- Base dimensions: 46, 190 ±1, 15

Other Dimensions:

- Terminal box: 50 (width), 60 (height), 31 (radius), 7 (height), 8 (height)
- Mounting feet: 15 (height), 112 -0.5 (width), 177 (height), 135 (width)

Labels:

- Air Inlet
- Air Outlet
- 1, 2, 3 (pointers to specific parts)

- 1) Protected centre hole M10x24
- 2) Relief groove as per DIN509 / IS:3428
- 3) Measured across screw heads

Tolerance DIN EN 50347 Untolerated Dimensions- ISO 2768v / IS2102v	Surface	Material	Weight -	Scale  mm
FS..112M; Const.:IMB3 1LE7501-1BB23-5AA4 -	Author	Dimensional drawing		
	Creator DTK			
	Approval			
	Department			
	Change Order			
	Doc State 5/21/24	Item No	Paper Size A4	
	Revision Index IS	Doc No	Language en	
	© Siemens AG 2023	Project No -	Ref No -	Sheet 1 of 1