

Technical drawing of a 100W, 230V, 50Hz, 1425rpm, 1-phase induction motor. The drawing includes a front view (left) and a top view (right).

Front View Dimensions:

- Total width: 654
- Terminal box width: 165
- Terminal box height: 60
- Terminal box mounting holes: 30
- Terminal box screws: M40x1.5
- Terminal box terminal: 1M5
- Motor body height: 314
- Motor body diameter: $\varnothing 14.5$
- Motor body width: 40
- Motor body mounting holes: 37, 73, 117
- Motor body base height: 108
- Motor body base width: 210 ± 1
- Motor body base diameter: 254 ± 1
- Motor body base width: 300

Top View Dimensions:

- Total width: 300
- Motor body diameter: 254 ± 1
- Motor body base height: 160 ± 0.5
- Motor body base width: 18
- Motor body base diameter: 60
- Motor body base width: 300

Other Dimensions:

- Motor body height: 12
- Motor body diameter: $\varnothing 42$
- Motor body base height: 8
- Motor body base width: 45
- Motor body base diameter: 10
- Motor body base width: 90
- Motor body base diameter: 110
- Motor body base width: 10
- Motor body base diameter: 165
- Motor body base width: 60
- Motor body base diameter: 30
- Motor body base width: 117
- Motor body base diameter: 210 ± 1
- Motor body base width: 254 ± 1
- Motor body base diameter: 300

Labels:

- Air Outlet
- Air Inlet
- 1
- 2
- 3

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|---|--------------|---------------------|-------------|---|----------|----------|
| Tolerance
DIN EN 50347
Untolerated Dimensions- ISO 2768v / IS2102v | Surface | Material | Weight
- | Scale
 mm | | |
| FS.:160L.; Const.:IMB3
1LE7503-1DA43-5AA4
- | Author | Dimensional drawing | | | | |
| | Creator | | | | DTK | |
| | Approval | | | | | |
| | Department | | | | | |
| | Change Order | | | | MLFB | Doc Type |
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