

VYBO Electric a.s.



Data Sheet

No.

Three Phase Induction Motor

Drawing No.

| | |
|------------------|-------------------------------|
| Customer | |
| Client reference | |
| Type | 1LC-250M-2 55KW 400/690V 50HZ |
| Brand | VYBO Electric |

Identification

| | | | | | |
|--|-------------------------|------------------------|-------------------------------------|-------------|-------------------|
| Type: | 1LC-250M-2 | Frame: | 250 | mm | |
| Power: | 55 kW | Poles: | 2 | P | |
| Rated Current: | 380 V | 100 | Rated Voltage: | 400 / 690 | V |
| | 400 V | 94,8 | | Connection: | Δ/Y |
| | 415 V | 91,4 | | | Insulation Class: |
| Speed: | 2970 rpm | Temperature Rise: | | | |
| Frequency: | 50 Hz | Service Factor: | 1,0 | | |
| Direct on line starting torque ratio (LRT/RLT): | 2 | Duty: | S1, S2, S3, S4-S9 | | |
| Direct on line pull out torque ratio (BDT/RLT): | 2,3 | Ambient Temperature: | -35~50°C (On request possible 62°C) | | |
| Direct on line starting current ratio (LRA/RLA): | 7,5 | Altitude: | 1000m | | |
| Efficiency: | 93 % | Protection Degree: | IP55 | | |
| Power factor: | 0,9 | Cooling: | IC411 | | |
| Noise level: | 93 dB(A) | Mounting: | IM B (On request) | | |
| Weight: | 359 kg | Vibration: | 2.8 mm/s | | |
| Rotor inertia: | 0,312 kg/m ² | Direction of Rotation: | Both | | |
| | | Starting Method: | DOL or VFD | | |
| | | Coupling: | DIRECT | | |
| | | Load Type: | Parabolic or linear curve | | |
| | | Terminal box: | 2xM63X1.5 | | |



Bearing Information

| | DE | NDE |
|---------------------|--------|--------|
| Bearing: | 6314C3 | 6314C3 |
| Regreasing int.(h): | | |
| Grease amount(g): | | |
| Grease: | | |

Notes / Accessories

Deviation Sheet

| | VYBO Electric | Customer |
|--|---------------|----------|
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| | | |
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| | | |

Standards

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|----------------|------------------------|
| Specification: | IEC60034-1 / GB755 |
| Test: | IEC60034-2 / GB/T1032 |
| Noise: | IEC60034-9 / GB10069.3 |
| Vibration: | IEC60034-14 / GB10068 |

Edition

| Performed | Checked | Date |
|-----------|---------|------|
| | | |

| Item | Changes | Performed | Checked | Date |
|------|---------|-----------|---------|------|
| | | | | |
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