

VYBO Electric a.s.



Data Sheet

No.

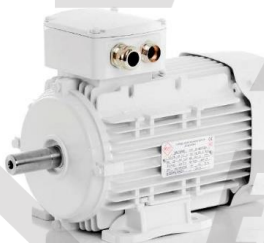
Three Phase Induction Motor

Drawing No.

| | |
|------------------|--------------------------------|
| Customer | |
| Client reference | |
| Type | 1AL-90L-8 0,55KW 230/400V 50HZ |
| Brand | VYBO Electric |

Identification

| | | | | | | | |
|--|-----------|-------------------|------------------------|---------------------------------------|-------------------|-----|---|
| Type: | 1AL-90L-8 | | Frame: | 90 | mm | | |
| Power: | 0,55 | kW | Poles: | 8 | P | | |
| Rated Current: | 380 V | 2,17 | Rated Voltage: | 230 | / | 400 | V |
| | 400 V | 2,06 | | Connection: | Δ/Y | | |
| | 415 V | 2 | | | Insulation Class: | F | |
| Speed: | 680 | rpm | Temperature Rise: | | | | |
| Frequency: | 50 | Hz | Service Factor: | 1,0 | | | |
| Direct on line starting torque ratio (LRT/RLT): | 2,0 | | Duty: | S1, S2, S3, S4-S9 | | | |
| Direct on line pull out torque ratio (BDT/RLT): | 1,8 | | Ambient Temperature: | -35 ~ 50°C (On request possible 62°C) | | | |
| Direct on line starting current ratio (LRA/RLA): | 4,0 | | Altitude: | 1000m | | | |
| Efficiency: | 63 | % | Protection Degree: | IP55 | | | |
| Power factor: | 0,61 | | Cooling: | IC411 | | | |
| Noise level: | 56 | dB(A) | Mounting: | IM B (On request) | | | |
| Weight: | 15 | kg | Vibration: | 2.8 mm/s | | | |
| Rotor inertia: | 0,0065 | kg/m ² | Direction of Rotation: | Both | | | |
| | | | Starting Method: | DOL or VFD | | | |
| | | | Coupling: | DIRECT | | | |
| | | | Load Type: | Parabolic or linear curve | | | |
| | | | Terminal box: | 2-M25X1.5 | | | |



Bearing Information

| | DE | NDE |
|---------------------|--------|--------|
| Bearing: | 62052Z | 62052Z |
| Regreasing int.(h): | | |
| Grease amount(g): | | |
| Grease: | | |

Notes / Accessories

Deviation Sheet

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

Standards

| | |
|----------------|------------------------|
| 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 |
|------|---------|-----------|---------|------|
| | | | | |
| | | | | |
| | | | | |