

VYBO Electric a.s.



Data Sheet

No.

Three Phase Induction Motor

Drawing No.

| | |
|------------------|--------------------------------|
| Customer | |
| Client reference | |
| Type | 3AL-160M-6 7,5KW 400/690V 50HZ |
| Brand | VYBO Electric |

Identification

| | | | | |
|--|--------------|------------------------|---------------------------|----|
| Type: | 3AL-160M-6 | Frame: | 160 | mm |
| Power: | 7,5 kW | Poles: | 6 | P |
| Rated Current: | 400 V 15,4 A | Rated Voltage: | 400 / 690 | V |
| Speed: | 980 rpm | Connection: | Δ/Y | |
| Frequency: | 50 Hz | Insulation Class: | F | |
| Direct on line starting torque ratio (LRT/RLT): | 2 | Temperature Rise: | | |
| Direct on line pull out torque ratio (BDT/RLT): | 2,1 | Service Factor: | 1,0 | |
| Direct on line starting current ratio (LRA/RLA): | 7 | Duty: | S1, S2, S3, S4-S9 | |
| Efficiency: | 89,1 % | Ambient Temperature: | -35~40°C | |
| Power factor: | 0,79 | Altitude: | 1000m | |
| Noise level: | 73 dB(A) | Protection Degree: | IP55 | |
| | | Cooling: | IC411 | |
| | | Mounting: | IM B (On request) | |
| | | Vibration: | 2.8 mm/s | |
| | | Direction of Rotation: | Both | |
| | | Starting Method: | DOL or VFD | |
| | | Coupling: | DIRECT | |
| | | Load Type: | Parabolic or linear curve | |
| | | Terminal box: | 2-M40X1.5 | |



Bearing Information

| | DE | NDE |
|---------------------|------------|------------|
| Bearing: | 6309-2RZC3 | 6309-2RZC3 |
| Regreasing int.(h): | | |
| Grease amount(g): | | |
| Grease: | | |

Notes / Accessories

Deviation Sheet

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

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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