


| VYBO Electric a.s. | | | |  | | | | |
|---|------------------------|-------------------------------|------------------------|--|---------|----------|--------|--|
| Data Sheet | | | No. | | | | | |
| Three Phase Induction Motor | | | Drawing No. | | | | | |
| Customer | | | | | | | | |
| Client reference | | | | | | | | |
| Type | | 4LC-280M-8 45KW 400/690V 50HZ | | | | | | |
| Brand | | VYBO Electric | | | | | | |
| Identification | | | | | | | | |
| Type: | 4LC-280M-8 | | Frame: | 280 | | mm | | |
| Power: | 45 kW | | Poles: | 8 | | P | | |
| Rated Current: | 380 V | 91,7 | A | Rated Voltage: | 400 | / | 690 V | |
| | 400 V | 87,1 | | Connection: | Δ/Y | | | |
| | 415 V | 83,9 | | Insulation Class: | F | | | |
| Speed: | 740 rpm | | Temperature Rise: | | | | | |
| Frequency: | 50 Hz | | Service Factor: | 1,0 | | | | |
| Direct on line starting torque ratio (LRT/RLT): | 1,8 | | Duty: | S1, S2, S3, S4-S9 | | | | |
| Direct on line pull out torque ratio (BDT/RLT): | 2 | | Ambient Temperature: | -35~50°C | | | | |
| Direct on line starting current ratio (LRA/RLA): | 7,9 | | Altitude: | 1000m | | | | |
| Efficiency: | 93,4 | % | Protection Degree: | IP55 | | | | |
| Power factor: | 0,78 | | Cooling: | IC411 | | | | |
| Noise level: | 76 | dB(A) | Mounting: | IM B (On request) | | | | |
| Weight: | 661 | kg | Vibration: | 2.8 mm/s | | | | |
| Rotor inertia: | 2,22452 | kg/m2 | Direction of Rotation: | Both | | | | |
| | | | Starting Method: | DOL or VFD | | | | |
| | | | Coupling: | DIRECT | | | | |
| | | | Load Type: | Parabolic or linear curve | | | | |
| | | | Terminal box: | 2-M63X1.5 | | | | |
|  | | | | Bearing Information | | | | |
| | | | | | DE | | NDE | |
| | | | | Bearing: | 6317C3 | | 6317C3 | |
| | | | | Regreasing int.(h): | | | | |
| | | | | Grease amount(g): | | | | |
| Grease: | | | | | | | | |
| Notes / Accessories | | | | Deviation Sheet | | | | |
| | | | | VYBO Electric | | Customer | | |
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| 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 | | |
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