



| VYBO Electric a.s. | | | | |  | | | |
|---|------------------------|---------|---------------------------------|-------------------|---|--------|---|--|
| Data Sheet | | | | No. | | | | |
| Three Phase Induction Motor | | | | Drawing No. | | | | |
| Customer | | | | | | | | |
| Client reference | | | | | | | | |
| Type | | | 1LCZ-355L-6 280KW 400/690V 50HZ | | | | | |
| Brand | | | VYBO Electric | | | | | |
| Identification | | | | | | | | |
| Type: | 1LCZ-355L-6 | | Frame: | 355 | | mm | | |
| Power: | 280 | kW | Poles: | 6 | | P | | |
| Speed: | 990 | rpm | Rated Voltage: | 400 | / | 690 V | | |
| Frequency: | 50 | Hz | Connection: | Δ/Y | | | | |
| Rated Current: | 400 V | 489 | A | Insulation Class: | | | F | |
| | 690 V | 283 | | Temperature Rise: | | | | |
| Efficiency: | IE1 | 94 | Service Factor: | | 1,0 | | | |
| | 100% | 95 | Duty: | | S1, S2, S3, S4-S9 | | | |
| | 75% | 95 | Ambient Temperature: | | -35 ~ 50°C (On request possible 62°C) | | | |
| | 50% | 94 | Altitude: | | 1000m | | | |
| Power factor: | 0,88 | | Protection Degree: | | IP55 | | | |
| Noise level: | 92 | dB(A) | Cooling: | | IC411 | | | |
| Weight: | 1981 | kg | 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-M63X1.5 | | | |
|  | | | Bearing Information | | | | | |
| | | | | DE | | NDE | | |
| | | | Bearing: | NU322C3 | | 6322C3 | | |
| | | | 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 | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |