

# VYBO Electric a.s.



## Data Sheet

No.

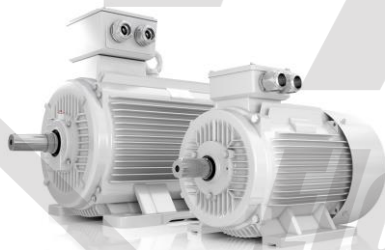
Three Phase Induction Motor

Drawing No.

|                  |                               |
|------------------|-------------------------------|
| Customer         |                               |
| Client reference |                               |
| Type             | 1LC-250M-8 30KW 400/690V 50HZ |
| Brand            | VYBO Electric                 |

### Identification

|  |            |                   |                        |                                     |                   |       |
|--|------------|-------------------|------------------------|-------------------------------------|-------------------|-------|
| Type:  | 1LC-250M-8 |                   | Frame:                 | 250                                 |                   | mm    |
| Power:   | 30         | kW                | Poles:                 | 8                                   |                   | P     |
| Rated Current:                                   | 380 V      | 63                | Rated Voltage:         | 400                                 | /                 | 690 V |
|  | 400 V      | 60,2              |                        | Connection:                         | Δ/Y               |       |
|  | 415 V      | 58,1              |                        |                                     | Insulation Class: | F     |
| Speed:   | 735        | rpm               | Temperature Rise:      |                                     |                   |       |
| Frequency:                                       | 50         | Hz                | Service Factor:        | 1,0                                 |                   |       |
| Direct on line starting torque ratio (LRT/RLT):  | 1,9        |                   | Duty:                  | S1, S2, S3, S4-S9                   |                   |       |
| Direct on line pull out torque ratio (BDT/RLT):  | 2          |                   | Ambient Temperature:   | -35~50°C (On request possible 62°C) |                   |       |
| Direct on line starting current ratio (LRA/RLA): | 6,5        |                   | Altitude:              | 1000m                               |                   |       |
| Efficiency:                                      | 91         | %                 | Protection Degree:     | IP55                                |                   |       |
| Power factor:                                    | 0,79       |                   | Cooling:               | IC411                               |                   |       |
| Noise level:                                     | 75         | dB(A)             | Mounting:              | IM B (On request)                   |                   |       |
| Weight:  | 370        | kg                | Vibration:             | 2.8 mm/s                            |                   |       |
| Rotor inertia:                                   | 0,834      | kg/m <sup>2</sup> | 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 |
|--|---------------|--|----------|
|  |               |  |          |
|  |               |  |          |
|  |               |  |          |

### 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 |
|------|---------|-----------|---------|------|
|      |         |           |         |      |
|      |         |           |         |      |
|      |         |           |         |      |