

# VYBO Electric a.s.



## Data Sheet

No.

Single Phase Induction Motor

Drawing No.

|                  |                            |
|------------------|----------------------------|
| Customer         |                            |
| Client reference |                            |
| Type             | 1ALJ-802-2 1,1KW 230V 50HZ |
| Brand            | VYBO Electric              |

### Identification

|  |                |                        |                           |    |
|--|----------------|------------------------|---------------------------|----|
| Type:  | 1ALJ-802-2     | Frame:                 | 80                        | mm |
| Power:   | 1,1 kW         | Poles:                 | 2                         | P  |
| Speed:   | 2800 rpm       | Rated Voltage:         | 230                       | V  |
| Rated Current:                                   | 7 A            | Insulation Class:      | F                         |    |
| Frequency:                                       | 50 Hz          | Temperature Rise:      |                           |    |
| Efficiency:                                      | 75 %           | Service Factor:        | 1,0                       |    |
| Power factor:                                    | 0,95           | Duty:                  | S1                        |    |
| Direct on line starting torque ratio (LRT/RLT):  | 1,8            | Ambient Temperature:   | -20~40°C                  |    |
| Direct on line pull out torque ratio (BDT/RLT):  | 1,6            | Altitude:              | 1000m                     |    |
| Direct on line starting current ratio (LRA/RLA): | 5,5            | Protection Degree:     | IP55                      |    |
| Noise level:                                     | 75 dB(A)       | Cooling:               | IC411                     |    |
| Start capacitor:                                 | 100/250 (µf/v) | Mounting:              | IM B (On request)         |    |
| Running capacitor:                               | 30/450 (µf/v)  | Vibration:             | 2.8 mm/s                  |    |
| Weight:  | 15 kg          | Direction of Rotation: | Both                      |    |
|  |                | Starting Method:       | DOL or VFD                |    |
|  |                | Coupling:              | DIRECT                    |    |
|  |                | Load Type:             | Parabolic or linear curve |    |
|  |                |                        |                           |    |
|  |                |                        |                           |    |



### Bearing Information

|                     | DE       | NDE      |
|---------------------|----------|----------|
| Bearing:            | 6204-2RZ | 6204-2RZ |
| 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 |
|------|---------|-----------|---------|------|
|      |         |           |         |      |
|      |         |           |         |      |
|      |         |           |         |      |