

# VYBO Electric a.s.



|                             |  |                                   |  |
|-----------------------------|--|-----------------------------------|--|
| <b>Data Sheet</b>           |  | No.                               |  |
| Three Phase Induction Motor |  | Drawing No. H17RL-4003-8 B3       |  |
| Customer :                  |  |                                   |  |
| Client reference:           |  |                                   |  |
| Type:                       |  | H17RL-4003-8-400KW 400(690)V 50HZ |  |
| Brand :                     |  | <b>VYBO Electric</b>              |  |

| Identification         |           |                           |                |
|------------------------|-----------|---------------------------|----------------|
| Frame :                | 400 mm    | Insulation Class:         | F              |
| Output :               | 400 kW    | Temperature Rise:         | 80K            |
| Frequency :            | 50 Hz     | Service Factor /:         | 1.0            |
| Poles :                | 8 P       | Duty :                    | S1             |
| Rated Speed :          | 742 rpm   | Ambient Temperature:      | -20~40°C       |
| Slip :                 | 0,0107    | Altitude :                | 1000m          |
| Rated Voltage :        | 400/690 V | Protection Degree :       | IP55           |
| Connection :           | Δ/Y       | Cooling :                 | IC411          |
| Rated Current :        | 748\434 A | Mounting :                | IMB3           |
| Rotor Voltage :        | -         | Vibration : mm/s          | 2,8            |
| Connection :           | -         | Approx. Weight : kg       | 3560           |
| Rotor Current :        | -         | Moment of Inertia : kg-m2 | 26,0           |
| Locked Rotor Current : | 650 %     | Noise Level (Lp) : dB(A)  | 89             |
| No Load Current :      | -         | Direction of Rotation:    | BOTH           |
| Rated Torque :         | 5148,2 Nm | Starting Method:          | DIRECT ON LINE |
| Locked Rotor Torque :  | 120 %     | Coupling :                | DIRECT         |
| Breakdown Touque :     | 200 %     | <b>Load Type:</b>         |                |

| Performance    |      |      |      | Bearing Information |               |               |
|----------------|------|------|------|---------------------|---------------|---------------|
| Output :       | 50%  | 75%  | 100% |                     | DE            | NDE           |
| Efficiency(%): | 92,7 | 95,6 | 95,6 | Bearing:            | 6326C3        | 6326C3        |
|                |      |      |      | Regreasing int, (h) | 4000          | 4000          |
| Power Factor:  | 0,69 | 0,77 | 0,81 | Grease amount (g)   | 85            | 85            |
|                |      |      |      | Grease              | CALTEX SRI-2# | CALTEX SRI-2# |

| Notes / Accessories              |  | Deviation Sheet  |          |
|----------------------------------|--|------------------|----------|
|                                  |  | VYBO Electric EU | Customer |
| With winding RTD: PTC150°C 3 PCS |  |                  |          |
| With bearing RTD: PT100 2 PCS    |  |                  |          |
| With space heater: 230V          |  |                  |          |
|                                  |  |                  |          |
|                                  |  |                  |          |

| Standards       |                        |      |
|-----------------|------------------------|------|
| Specification : | IEC60034-1 / GB755     |      |
| Test :          | IEC60034-2 / GB/T1032  |      |
| Noise :         | IEC60034-9 / GB10069.3 |      |
| Vibration :     | IEC60034-14 / GB10068  |      |
| Edition         |                        |      |
| Performed       | Checked                | Date |
|                 |                        |      |

