



| VYBO Electric a.s.            |                        |         |      |  |  |               |    |  |
|-------------------------------|------------------------|---------|------|--|---|---------------|----|--|
| Data Sheet                    |                        |         |      | No.  |   |               |    |  |
| Three Phase Induction Motor   |                        |         |      | Drawing No.  |   |               |    |  |
| Customer                      |                        |         |      |  |   |               |    |  |
| Client reference              |                        |         |      |  |   |               |    |  |
| Type                          |                        |         |      | H17R 400-6 400KW 6000V 50HZ  |   |               |    |  |
| Brand                         |                        |         |      | VYBO Electric  |   |               |    |  |
| Identification                |                        |         |      |  |   |               |    |  |
| Type:                         | H17R 400-6             |         |      | Frame:   | 400   |               | mm |  |
| Power:                        | 400                    | kW      |      | Poles:   | 6   |               | P  |  |
| Rated Current:                | 49,5                   | A       |      | Rated Voltage:   | 6 000   |               | V  |  |
| Speed:                        | 988                    | rpm     |      | Connection:  | Y   |               |    |  |
| Frequency:                    | 50                     | Hz      |      | Insulation Class:  | F   |               |    |  |
| Locked Rotor Current:         | 600                    | %       |      | Temperature Rise:  | 80K   |               |    |  |
| Rated Torque:                 | 3866,4                 | Nm      |      | Service Factor:  | 1,0   |               |    |  |
| Locked Rotor Torque:          | 80                     | %       |      | Duty:  | S1  |               |    |  |
| Breakdown Torque:             | 200                    | %       |      | Ambient Temperature:   | -20 ~ 40°C  |               |    |  |
| Noise level:                  | 98                     | dB(A)   |      | Altitude:  | 1000m   |               |    |  |
| Approx. weight:               | 3500                   | kg      |      | Protection Degree:   | IP55  |               |    |  |
| Rotor inertia:                | 31                     | kg/m2   |      | Cooling:   | IC411   |               |    |  |
| Slip:                         | 0,012                  |         |      | Mounting:  | IM B3   |               |    |  |
|                               |                        |         |      | Vibration:   | 2.8 mm/s  |               |    |  |
|                               |                        |         |      | Direction of Rotation:   | BOTH  |               |    |  |
|                               |                        |         |      | Starting Method:   | DOL   |               |    |  |
|                               |                        |         |      | Coupling:  | DIRECT  |               |    |  |
|                               |                        |         |      | Load Type:   | Parabolic or linear curve   |               |    |  |
| Performance                   |                        |         |      | Bearing Information  |   |               |    |  |
| Output:                       | 50%                    | 75%     | 100% |  | DE  | NDE           |    |  |
| Efficiency (%):               | 92,1                   | 94,9    | 94,9 | Bearing:   | 6326C3  | 6326C3        |    |  |
|                               |                        |         |      | Regreasing int.(h):  | 4000  | 4000          |    |  |
| Power factor:                 | 0,7                    | 0,78    | 0,82 | Grease amount(g):  | 85  | 85            |    |  |
|                               |                        |         |      | Grease:  | CALTEX SRI-2#   | CALTEX SRI-2# |    |  |
| Notes / Accessories           |                        |         |      |  |   |               |    |  |
| With winding RTD: PT100 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   |   |               |    |  |
|                               |                        |         |      |  |   |               |    |  |
| Item                          | Changes                |         |      | Performed  | Checked   | Date          |    |  |
|                               |                        |         |      |  |   |               |    |  |
|                               |                        |         |      |  |   |               |    |  |
|                               |                        |         |      |  |   |               |    |  |