




| <b>VYBO Electric a.s.</b>     |                        |                             |                        |  |  |               |
|-------------------------------|------------------------|-----------------------------|------------------------|--|---|---------------|
| <b>Data Sheet</b>             |                        |                             | No.                    |  |   |               |
| Three Phase Induction Motor   |                        |                             | Drawing No.            |  |   |               |
| Customer                      |                        |                             |                        |  |   |               |
| Client reference              |                        |                             |                        |  |   |               |
| Type                          |                        | H17R 315-6 185KW 6000V 50HZ |                        |  |   |               |
| Brand                         |                        | VYBO Electric               |                        |  |   |               |
| Identification                |                        |                             |                        |  |   |               |
| Type:                         | H17R 315-6             |                             | Frame:                 | 315  |   | mm            |
| Power:                        | 185                    | kW                          | Poles:                 | 6  |   | P             |
| Rated Current:                | 23,9                   | A                           | Rated Voltage:         | 6000   |   | V             |
| Speed:                        | 985                    | rpm                         | Connection:            | Y  |   |               |
| Frequency:                    | 50                     | Hz                          | Insulation Class:      | F  |   |               |
| Locked Rotor Current:         | 650                    | %                           | Temperature Rise:      | 80K  |   |               |
| Rated Torque:                 | 1793,7                 | Nm                          | Service Factor:        | 1,0  |   |               |
| Locked Rotor Torque:          | 80                     | %                           | Duty:                  | S1   |   |               |
| Breakdown Torque:             | 200                    | %                           | Ambient Temperature:   | -20~40°C   |   |               |
| Noise level:                  | 90                     | dB(A)                       | Altitude:              | 1000m  |   |               |
| Approx. weight:               | 2050                   | kg                          | Protection Degree:     | IP55   |   |               |
| Rotor inertia:                | 9,5                    | kg/m2                       | Cooling:               | IC411  |   |               |
| Slip:                         | 0,015                  |                             | 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 (%):               | 90,5                   | 93,3                        | 93,3                   | Bearing:   | 6319C3  | 6319C3        |
|                               |                        |                             |                        | Regreasing int.(h):  | 4000  | 4000          |
| Power factor:                 | 0,68                   | 0,76                        | 0,8                    | Grease amount(g):  | 45  | 45            |
|                               |                        |                             |                        | 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          |
|                               |                        |                             |                        |  |   |               |
|                               |                        |                             |                        |  |   |               |
|                               |                        |                             |                        |  |   |               |