



| VYBO Electric a.s. | | | | |  | | |
|-------------------------------|------------------------|-----------------------------|------------------------|--|---|---------------|--|
| Data Sheet | | | | No. | | | |
| Three Phase Induction Motor | | | | Drawing No. | | | |
| Customer | | | | | | | |
| Client reference | | | | | | | |
| Type | | H17R 400-2 710KW 6000V 50HZ | | | | | |
| Brand | | VYBO Electric | | | | | |
| Identification | | | | | | | |
| Type: | H17R 400-2 | | Frame: | 400 | | mm | |
| Power: | 710 | kW | Poles: | 2 | | P | |
| Rated Current: | 82,1 | A | Rated Voltage: | 6 000 | | V | |
| Speed: | 2980 | rpm | Connection: | Y | | | |
| Frequency: | 50 | Hz | Insulation Class: | F | | | |
| Locked Rotor Current: | 700 | % | Temperature Rise: | 80K | | | |
| Rated Torque: | 2275,3 | Nm | Service Factor: | 1,0 | | | |
| Locked Rotor Torque: | 70 | % | Duty: | S1 | | | |
| Breakdown Torque: | 200 | % | Ambient Temperature: | -20~40°C | | | |
| Noise level: | 98 | dB(A) | Altitude: | 1000m | | | |
| Approx. weight: | 3650 | kg | Protection Degree: | IP55 | | | |
| Rotor inertia: | 14 | kg/m2 | Cooling: | IC411 | | | |
| Slip: | 0,0067 | | Mounting: | IM B3 | | | |
| | | | Vibration: | 2.8 mm/s | | | |
| | | | Direction of Rotation: | CW | | | |
| | | | Starting Method: | DOL | | | |
| | | | Coupling: | DIRECT | | | |
| | | | Load Type: | Parabolic or linear curve | | | |
| Performance | | | | Bearing Information | | | |
| Output: | 50% | 75% | 100% | | DE | NDE | |
| Efficiency (%): | 92,8 | 95,7 | 95,7 | Bearing: | 6220C3 | 6220C3 | |
| | | | | Regreasing int.(h): | 2000 | 2000 | |
| Power factor: | 0,74 | 0,83 | 0,87 | Grease amount(g): | 30 | 30 | |
| | | | | 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 | |
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