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| <div> <div>VYBO Electric a.s.</div> <div>  </div> </div> | | | | | |
| Data Sheet | | | | No. | |
| Three Phase Induction Motor | | | | Drawing No. | |
| Customer | | | | | |
| Client reference | | | | | |
| Type | | H17R 500-6 1000KW 6000V 50HZ | | | |
| Brand | | VYBO Electric | | | |
| Identification | | | | | |
| Type: | H17R 500-6 | | Frame: | 500 | mm |
| Power: | 1000 | kW | Poles: | 6 | P |
| Rated Current: | 120,8 | A | Rated Voltage: | 6 000 | V |
| Speed: | 990 | rpm | Connection: | Y | |
| Frequency: | 50 | Hz | Insulation Class: | F | |
| Locked Rotor Current: | 600 | % | Temperature Rise: | 80K | |
| Rated Torque: | 9646,5 | Nm | Service Factor: | 1,0 | |
| Locked Rotor Torque: | 80 | % | Duty: | S1 | |
| Breakdown Torque: | 200 | % | Ambient Temperature: | -20~40°C | |
| Noise level: | 95 | dB(A) | Altitude: | 1000m | |
| Approx. weight: | 6750 | kg | Protection Degree: | IP55 | |
| Rotor inertia: | 79,5 | kg/m2 | Cooling: | IC411 | |
| Slip: | 0,01 | | 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 (%): | 93,1 | 96 | 96 | Bearing: | 6330C3 |
| | | | | Regreasing int.(h): | 4000 |
| Power factor: | 0,71 | 0,79 | 0,83 | Grease amount(g): | 110 |
| | | | | Grease: | 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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