DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

| Product line | Eπic | iency Three-P | nase | | | |
|---|---|---|---|--|---|-----------------------------------|
| Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design | que ue | : 447TS : 250 HP : 2 : 60 Hz : 575 V : 215 A : 1720 A : 8.0x(Coo : 48.7 A : 3570 rpr : 0.83 % : 50.8 kgf : 240 % : 280 % : F : 1.15 : 2.12 kgr : B | de H) m m | Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³ | : 32s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 87.0 dB(A : Direct On : 1177 kg | +40°C .s.l. EFC and CCW) |
| Output | 50% | 75% | 100% | Foundation loads | | |
| Efficiency (%) | 95.0 | 95.4 | 95.8 | Max. traction | : 656 kgf | |
| Power Factor | 0.83 | 0.89 | 0.90 | Max. compression | : 1833 kgf | |
| Sealing | | | | | | |
| Lubrication inter Lubricant amoun Lubricant type Notes: | | | 3604 h 27 g Mo | 3604 h 27 g bil Polyrex EM | | |
| Lubrication inter Lubricant amoun Lubricant type Notes: This revision rep must be elimination (1) Looking the noise (2) Measured at (3) Approximate manufacturing proving the second sec | nt laces and c ed. notor from t 1m and with weight subj rocess. | he shaft end. tolerance of | 27 g Mo rious one, which +3dB(A). | 27 g | | |
| Lubrication inter Lubricant amoun Lubricant type | nt laces and c ed. notor from t 1m and with weight subj rocess. | he shaft end. n tolerance of ect to changes | 27 g Mo rious one, which +3dB(A). | 27 g bil Polyrex EM | | |
| Lubrication inter Lubricant amoun Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu | nt laces and c ed. notor from t 1m and with weight subj rocess. | he shaft end. n tolerance of ect to changes | 27 g Mo rious one, which +3dB(A). s after | 27 g bil Polyrex EM | the tolerances stipu | lated in NEMA |
| Lubrication inter Lubricant amoun Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu | nt laces and c ed. notor from t 1m and with weight subj rocess. | he shaft end. n tolerance of ect to changes | 27 g Mo rious one, which +3dB(A). s after | 27 g bil Polyrex EM | the tolerances stipu | lated in NEMA |

 Date
 13/01/2024
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Customer

| ID | Application | Туре | Quantity | Sensing | Temperature |
|------------|-------------|----------------------|-----------------|---------------|-------------|
| 1 | Winding | Thermostat - 2 wires | 1 x Phase | 1 | 55 °C |
| • | winding | | 1 1 1 1 1 1 2 2 | | |
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| Rev. | Changes | s Summary | Performed | Checked | Date |
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| hecked by | | | | Page 2 / 3 | Revision |

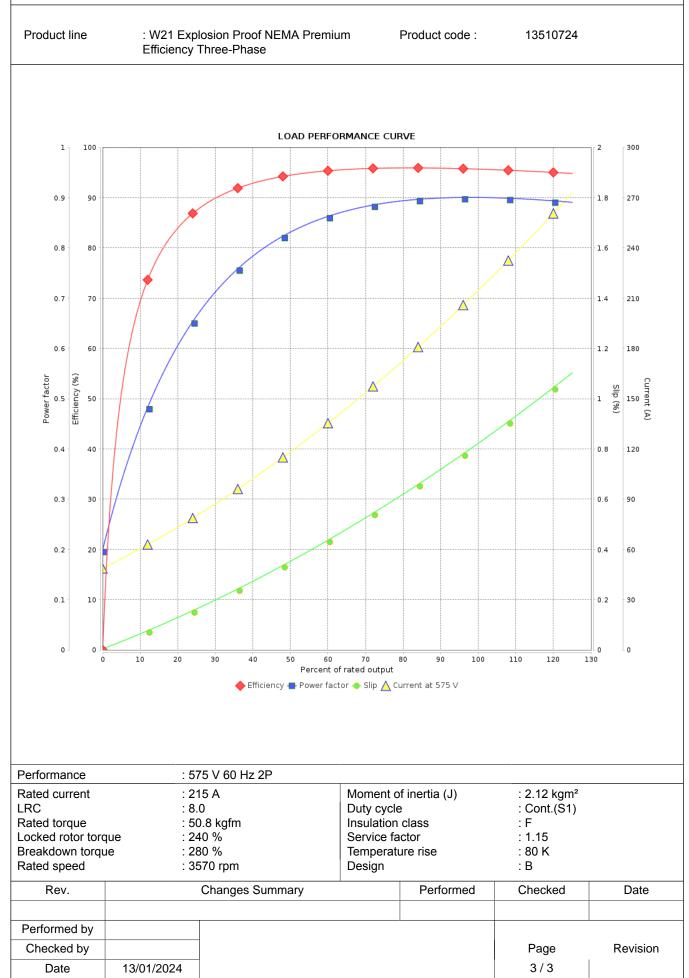


LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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Customer



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