DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

| Product line | | | | Proof NEMA | | Product code : | 14232997 | |
|--|---|--|--|------------------|--|---|---|--------------------------------|
| Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia Design | le | : 4 : 60 F : 575 : 2.23 : 19.9 : 8.9x : 1.28 : 175 : 2.78 : 0.82 : 270 : 320 : F : 1.15 | P (1.5 kW) Hz V 3 A 9 A ((Code L) 3 A 0 rpm 3 % 29 kgfm % % | | Altitude | ture rise le temperature n degree method y vel ² method | : 19s (cold) : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TE : F-1 : Both (CW i : 51.0 dB(A) : Direct On I : 33.1 kg | 40°C s.I. FC and CCW) |
| Output | 25% | 50% | 75% | 100% | Foundatio | on loads | | |
| Efficiency (%) Power Factor | 82.9 0.32 | 84.0 0.56 | 85.5 0.70 | 86.5 0.78 | Max. tract Max. com | tion | : 59 kgf : 92 kgf | |
| Bearing type Sealing Lubrication interv Lubricant amoun | : | : 6205 2RS : Oil Seal : - : - : Mob | | | 6204 2RS Lip Seal - - bil Polyrex EM | | | |
| Lubricant type | | : | | - Mot | bil Polyrex | EM | | |
| Notes Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro | ed. notor from 1m and wit weight sub ocess. | the shaft e th toleranc | end. e of +3dB(A | ne, which | These ar | e average values | s based on tests wi | |
| Notes Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro | ed. notor from 1m and wit weight sub ocess. | the shaft e th toleranc oject to cha | end. e of +3dB(A | ne, which \). | These arr | e average values | | |
| Notes Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev. | ed. notor from 1m and wit weight sub ocess. | the shaft e th toleranc oject to cha | end. e of +3dB(A anges after | ne, which \). | These arr | e average values | ne tolerances stipu | ulated in NEMA |
| Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev. Performed by | ed. notor from 1m and wit weight sub ocess. | the shaft e th toleranc oject to cha | end. e of +3dB(A anges after | ne, which \). | These arr | e average values | ne tolerances stipu Checked | ulated in NEMA |
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| | Application | Thermal protection | Oursette | 0 arraine | sing Temperature | |
|--------------|-------------|----------------------|-----------|-----------|------------------|--|
| ID 1 | Application | Type | Quantity | | | |
| 1 | Winding | Thermostat - 2 wires | 1 x Phase | 1 | 55 °C | |
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| Rev. | Changes | Summary | Performed | Checked | Date | |
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| Performed by | | | | | | |
| Checked by | | | | Page | Revision | |
| Date | 28/10/2024 | | | 2/3 | | |

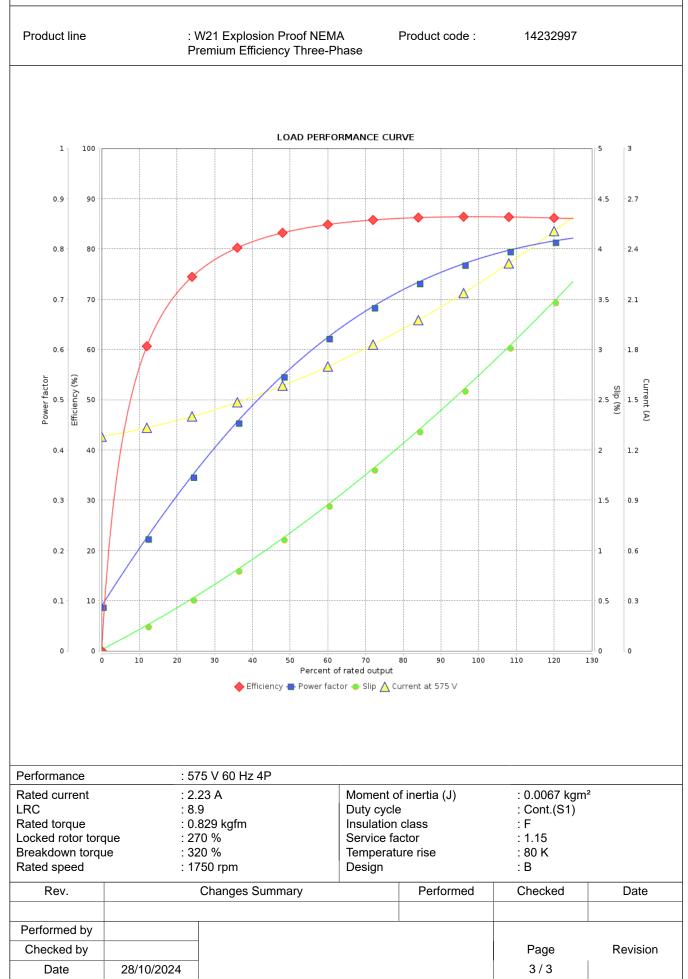


LOAD PERFORMANCE CURVE

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Customer



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