DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

| Frame $254/6T$ Catalog # : 01012ET3H256T-SOutput:10 HP (7.5 kW)Temperature rise:54s (cold) 30s (hot)Poles:6Duty cycle: Cont.(S1)Frequency:60 HzAmbient temperature: -20°C to +40°CRated voltage:575 VAttitude: 1000 m.a.s.l.Rated current:11.0 AProtection degree: IP55L. R. Amperes:59.6 ACooling method: IC411 - TEFCLRC:5.4x(Code G)Mounting: F-1No load current:5.69 ARotation': Both (CW and CCW)Rated speed:1175 rpmNoise level²:59.0 dB(A)Slip:2.08 %Starting method: Direct On LineRated torque:229 %Starting method: Direct On LineInsulation class: FService factor: 1.15Moment of inertia (J): 2.83 sq.ft.lbDesign: BOutput25%50%75%100%Efficiency (%)90.090.291.091.0Power Eactor: 0.330.570.69Output: 0.570.690.75 | Product line | | led Steel N ency Three | EMA Premium e-Phase | Product code : | 12730572 | | |
|---|---|---|---------------------------|---|--|-----------------|--|--|
| Output: 10 HP (7.5 kW)Temperature rise: 80 KPoles: 6Duty cycle: Cont.(S1)Frequency: 60 HzAmbient temperature: -20°C to +40°CRated voltage: 575 VAttitude: 1000 m.a.s.l.Rated current: 11.0 AProtection degree: IP55L. R. Amperes: 59.6 ACooling method: IC411 - TEFCLRC: 5.4x(Code G)Mounting: F-1No load current: 5.69 ARotation*: Both (CW and CCW)Rated speed: 1175 rpmNoise level2: 59.0 dB(A)Slip: 2.08 %Starting method: Direct On LineRated torque: 241.1 ft.lbLocked rotor torque: 229 %Insulation class: FService factor: 1.15Moment of inertia (J): 2.83 sq.ft.lbDesignDesign: B: 00%Output: 25%: 50%75%Output: 25%: 91.091.0 | | | 2 | | Catalog # : | 01012ET3H256T-S | | |
| | OutputPolesFrequencyRated voltageRated currentL. R. AmperesLRCNo load currentRated speedSlipRated torqueLocked rotor torqueBreakdown torqueInsulation classService factorMoment of inertia (J)DesignOutput25% | 10 HP (7.5 kW) 6 4 age 575 V rent 11.0 A eres 59.6 A 5.4x(Code G) urrent 5.69 A eed 1175 rpm 2.08 % que 244.1 ft.lb tor torque 210 % n torque 229 % class F ctor 1.15 f inertia (J) 25% 50% 75% | | Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² | : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 59.0 dB(A) | | | |
| | Efficiency (%) 90.0 Power Factor 0.33 | 90.2 0.57 | 91.0 0.69 | 91.0 0.75 | | | | |

| must be eliminat (1) Looking the r | ed. notor from the sha 1m and with tolera | | These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. | | | |
|---------------------------------------|---|-----------------|--|-----------|---------|----------|
| Rev. | | Changes Summary | | Performed | Checked | Date |
| | | | | | | |
| Performed by | | | | | | |
| Checked by | | | | | Page | Revision |
| Date | 23/01/2018 | | | | 1 / | |

 Date
 23/01/2018

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