

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :				
Product line	: W22 Cooling Tower NEMA Premium Efficiency Three-Phase			
Product code :	11997987			
Catalog # :	00318ET3PCT182T-W22			
Frame : 182T Output : 3 HP (2.2 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 200 V Rated current : 8.99 A L. R. Amperes : 72.8 A LRC : 8.1x(Code K) No load current : 4.60 A Rated speed : 1760 rpm Slip : 2.22 % Rated torque : 8.83 ft.lb Locked rotor torque : 229 % Breakdown torque : 340 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 0.3401 sq.ft.lb Design : B	Locked rotor time : 41s (cold) 23s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : F-2 Rotation ¹ : Both (CW and CCW) Noise level ² : 56.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 90.6 lb			
Output	25% 50% 75% 100%			
Efficiency (%)	86.4 87.5 88.5 89.5			
Power Factor	0.36 0.61 0.73 0.79			
Foundation loads				
Max. traction : 149 lb				
Max. compression : 240 lb				
Bearing type	: <u>Drive end</u> 6207 2RS <u>Non drive end</u> 6206 2RS			
Sealing	: V'Ring V'Ring			
Lubrication interval	: - -			
Lubricant amount	: - -			
Lubricant type	: Mobil Polyrex EM			
Notes				
This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load.				
These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.				
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Space heater information

Voltage: 110-127/200-240 V

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