

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line		: W22 Cooling Tower NEMA Premium Efficiency Three-Phase		Product code :	12463140
				Catalog # :	00212AT3PCT184TF1-W2
Frame : 182/4T Output : 2 HP (1.5 kW) Poles : 6 Frequency : 60 Hz Rated voltage : 200 V Rated current : 7.41 A L. R. Amperes : 55.5 A LRC : 7.5x(Code L) No load current : 4.37 A Rated speed : 1170 rpm Slip : 2.50 % Rated torque : 8.86 ft.lb Locked rotor torque : 300 % Breakdown torque : 350 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 0.6210 sq.ft.lb Design : B			Locked rotor time : 55s (cold) 31s (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 : IC410 - TEAO Mounting : F-1 Rotation ¹ : Both (CW and CCW) Noise level ² : 52.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 101 lb		
Output	25%	50%	75%	100%	Foundation loads
Efficiency (%)	85.4	86.5	87.5	88.5	Max. traction : 150 lb
Power Factor	0.26	0.46	0.58	0.66	Max. compression : 251 lb
		<u>Drive end</u>		<u>Non drive end</u>	
Bearing type	:	6207 2RS		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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Customer :

Space heater information

Voltage: 110-127/200-240 V

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