

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :									
Product line	: W22 Cooling Tower High Efficiency Three-Phase		Product code :	14324100					
			Catalog # :	02526EP3QCT326V-W22					
Frame	: 324/6T	Locked rotor time	: 162s (cold) 90s (hot)						
Output	: 6.25 HP (4.6 kW)	Temperature rise	: 80 K						
Poles	: 12	Duty cycle	: Cont.(S1)						
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C						
Rated voltage	: 460 V	Altitude	: 1000 m.a.s.l.						
Rated current	: 10.2 A	Protection degree	: IP55						
L. R. Amperes	: 44.9 A	Cooling method	: IC411 - TEFC						
LRC	: 4.4x(Code G)	Mounting	: F-2						
No load current	: 8.00 A	Rotation ¹	: Both (CW and CCW)						
Rated speed	: 585 rpm	Noise level ²	: 63.0 dB(A)						
Slip	: 2.50 %	Starting method	: Direct On Line						
Rated torque	: 56.1 ft.lb	Approx. weight ³	: 596 lb						
Locked rotor torque	: 130 %								
Breakdown torque	: 200 %								
Insulation class	: F								
Service factor	: 1.15								
Moment of inertia (J)	: 11.9 sq.ft.lb								
Output	25%	50%	75%	100%					
Efficiency (%)	81.0	86.6	82.5	87.5					
Power Factor	0.24	0.44	0.45	0.72					
	0.58	0.82	0.82	0.66					
	0.86								
Foundation loads									
	Max. traction		: 1068 lb						
	Max. compression		: 1665 lb						
Drive end									
Bearing type	: 6312 2RS C3	Non drive end							
Sealing	: V'Ring	6212 2RS C3							
Lubrication interval	: -	V'Ring							
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.									
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Customer :

Space heater information

Voltage: 110-127/200-240 V

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