

DATA SHEET

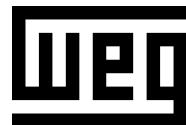
Three Phase Induction Motor - Squirrel Cage



Customer :									
Product line	: W22 Cooling Tower High Efficiency Three-Phase		Product code :	12172470					
			Catalog # :	00289EP3PCT145VF1-W2					
Frame	: 143/5T	Locked rotor time	: 10s (cold) 6s (hot)						
Output	: 2 HP (1.5 kW)	Temperature rise	: 80 K						
Poles	: 4	Duty cycle	: Cont.(S1)						
Frequency	: 60 Hz	Ambient temperature	: -20°C to +40°C						
Rated voltage	: 200 V	Altitude	: 1000 m.a.s.l.						
Rated current	: 6.39 A	Protection degree	: IP55						
L. R. Amperes	: 51.2 A	Cooling method	: IC411 - TEFC						
LRC	: 8.0x(Code K)	Mounting	: F-1						
No load current	: 3.68 A	Rotation ¹	: Both (CW and CCW)						
Rated speed	: 1735 rpm	Noise level ²	: 51.0 dB(A)						
Slip	: 3.61 %	Starting method	: Direct On Line						
Rated torque	: 6.05 ft.lb	Approx. weight ³	: 2.2 lb						
Locked rotor torque	: 270 %								
Breakdown torque	: 300 %								
Insulation class	: F								
Service factor	: 1.15								
Moment of inertia (J)	: 0.1590 sq.ft.lb								
Output	25%	50%	75%	100%					
Efficiency (%)	75.7	53.1	77.0	55.0					
Power Factor	0.35	0.22	0.60	0.37					
	0.73	0.48	0.82	0.58					
Foundation loads									
	Max. traction		: 60 lb						
	Max. compression		: 62 lb						
Drive end									
Bearing type	:	6205 2RS	Non drive end						
Sealing	:	V'Ring	6204 2RS						
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.									
Rev.	Changes Summary			Performed					
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Customer :

Space heater information

Voltage: 110-127/200-240 V

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