PRODUCT INFORMATION PACKET



Model No: D291 Catalog No: D291 1/10-1/15-1/25-1/40 HP Fan Coil / Room Air Conditioner Motor, 1050 RPM, 4 Speed, 115 Volts, 42 Frame, OAO Fan Coil / Room Air Conditioner Motors





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FASCO

Nameplate Specifications

Output HP	1/10-1/15-1/25-1/40 Hp	Output KW	0.07 kW	
Frequency	60 Hz	Voltage	115 V	
Current	2.2/1.4/1.0/0.7 A	Speed	1050 rpm	
Service Factor	1	Phase	1	
Duty	Continuous	Insulation Class	В	
Frame	42	Enclosure	Open Air Over	
Thermal Protection	Automatic	Ambient Temperature	40 °C	
UL	Recognized	CSA	Y	
CE	Ν			

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Clockwise Lead End
Mounting	Resilient Base	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	24.68 in
Shaft Diameter	0.500 in	Shaft Extension	10.75 in

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SPECIAL INSTRUCTIONS: SHAFT IS BONDERIZED FLATS TO BE PARALLEL WITHIN ± 20°. ROTATE MOTOR 120° CWLE IN BASE, AS SHOWN. _LANCE MUST BE COMPLETELY COVERED BY NAMEPLATE. PAMPHLET PACKED WITH MOTOR. PALET PACK TRAY PACK. CUSTOMER: PALET PACK D WITH MOTOR. PALET PACK SO CARTON PACK. TRAY PACK. FASCO DISTRIBUTING CO. PART NUMBER: PROFILET PACK SO CARTON PACK. TRAY PACK. D291 VINTERISMENCE OF UNDUCATE OF ONE CLOBY OF UNISON FASCO INVISION FASCO INVISION D291 D151. SALES MOTOR TYPE MOTOR NUMBER MOTOR NUMBER APPLICATION: DIST. SALES MOTOR TYPE T1860017 NOTOR NUMBER ELNVIRONMENT: DRY B LA FR A S C E B A INSULATION CLASS: B 00 86 12 V 04 AT 8 0 16	LANCE MUST BE CON LANCE MUST BE CON FLOATE ON DISCLOSE TO TAKE FLOATE ON DISCLOSE TO TAKE MOTOR DIVISION ELDON PLANT TA TA TA TA TA TA TA TA TA TA TA TA TA	BONDERIZED, FL/ AS SHOWN //L/ NUTH MOTOR. PAILET PACK, 6 PRIMETARY, CONST DUPUN THEN FREMASSION OF FASS THE PRIME P.S.C. P.S.C. BG 12 V 04	AFT IS BONDERIZ AASE. AS SHOW CKED WITH MOT PROPRIETANCE MOTOR TYPE B LA FR 00 86 12	TIONS: SHAF 20° CWLE IN BA AMPHLET PAC MAX. PER SKID MAX. PER SKID MAX. PER SKID SKI. SALES GRAY LBS. DRY LBS.	SPECIAL INSTRUCTIONS: ROTAFE MOTOR 12° CWEE BY NAMEPLATE. PAMPHLE CUSTOMER: FASCO DISTRIBUTING CO PART NUMBER: D291 FINISH COLOR: DIST. SALE FINISH COLOR: GRAY FINISH COLOR: GRAY MOTOR WEIGHT: DRY ENVIRONMENT: DRY ENVIRONMENT: DRY INSULATION CLASS: B	SPECIAL INSTRUCTIONS ROTATE MOTOR 120° BY NAMEPLATE. PAMPH CUSTORS PACKED MAX. I FASCO DISTRIBUTING PART NUMBER: D291 PART NUMBER: D291 FANDALATION: DIST. S FINISH COLOR: GRA MOTOR WEIGHT: FINISH COLOR: GRA MOTOR WEIGHT: DRY		CONNECTION DIAGRAM BRIWHT BRIWHT BRIWHT BRUM HI BRUM HI BRUM HI RED-LO COVER TO READ	CONVECTOR BRN BRN MODEL BRN D291 DELAM HI OTIECTED REDUC TOTIECTED REDUCTION TOTIECTED REDUCTION TOTIE		T166 0017 = MADE IN U.S.A 7166 0017 = ASSEMBLED IN MEXICO FACC From Provide the International Contract of the International	ASSEMBLU	FASCO 17186 0017F = MA 7186 0017F = AA 7186 0017F = AA 7186 0017F = AA 7186 017F = AA 7186 017F = AA 7186 017F = MA 7186 017F = MA 7186 0017F = MA 7186 0017	
LEAD DATA: 18 GA. 2/64" INS. 105° C THERMO. WHITE. BLACK, ORANGE, BLUE AND RED LINE LEADS. 50.00"/48.00". LONG WITH. 56%.44". STRIPS. BROWIN AND BRNWHT CAP. LEADS 3.75"/1.75". LONG WITH 1/4". FLAG TERMINALS. GROUND DATA: 18 GA. 2/64" INS. 105° C THERMO. GRNYTEL 4.50"/3.50". LONG WITH A # 10 SERRATED RING TERMINAL.	/64" INS. 105° C RED LINE LEAI >S. BROWN AT TH 1/4" FLAG T -ONG WITH A #	A: 18 GA. 2 BLUE AND BLUE AND ' LONG WI' LONG WI' DATA: 18 G 4.50"/3.50"L	LEAD DAT ORANGE, WITH 56 3.75"/1.75 GROUND GROUND GRN/YEL TERMINAL						(BOTH ENDS)	997				
		BRASS GROUMMET	7.98	.70 REF.					7.96 10-32 UNF-2A TH/D, TVP-2A					
T186 0017 MA				10.68 REF		12 REF. 3.34		10.73 10.63 11.79 REF .22 TYP. .08 TYP.	B. C	END PLAY - 4.60	AD END	MAX LEAKAGE CURRENT 5 mA		MA
ED BREAK 9 WATT OZIN 329 133.0 1197 77.0 1133 57.0 91 39.0	4 MFD 370 VAC LOCKED 0Z/IN AMP 41.0 3.10 24.0 2.03 17.0 1.45 11.0 1.05		C/ WATT 128 86 60	4 <u>1/10</u> HP LOADED 2.09 1.27 .87 .62	<u>1</u> PH RPM 1050 1050 1050	-TS <u>60</u> HZ OZ/IN 128.0 74.0 52.0 36.0	115 VOLTS WATT 96 1 37 28 28	PERFORMANCE TEST IDLE RPM AMP 1195 1.26 1193 .64 1193 .44 1190 .32	PERFORM RPM 1195 1193 1192 1190	MOTOR SPEED HIGH MED. HI LO	IDLE WATT - 86.4 - 33.3 - 25.2 DLTS	PRODUCTION TEST AT IDLE AMP WAT 1.39 - 1.13 105.6 .7058 59.4 .4840 40.7 - .3529 30.8 .3529 30.8	OUCTION TH DLTS 60 H AMP - 1.13 58 29	PRODI 115 VC
				71xx xxxxZ 71xx xxxxC										
1 MOTOR/CARTON; 10 MOTORS/LAYER; 5 LAYERS/PALLET; 50 MOTORS/PALLET; 50 MOTORS/PALLET. 50 MOTORS/PALLET	MOTOR/CARTON; MOTORS/LAVER; LAYERS/PALLET; 8785 6079 SH. 2 F 8785 6079 SH. 2 F 1919 6054, ON EÞ LET, 6122 4579, IN LET, 6122 4579, IN	1 MOT 5 LAY 50 MOT 60 MOT 8 LABEL, 61 9 AMPHLET, 61		71xx xxxx,R ت ب ت										
REV. DATE SPEC/CHECK 34 16 9-20-10 MKR/MKR 32 13 8-15-03 JAK/RWS 39 14 11-11-08 GAE/GAE 32 15 03-10-09 GAE/GAE 32 15 03-10-09 GAE/GAE 35 15 03-10-09 GAE/GAE 36 15 03-10-09 GAE/GAE 37 15 03-10-09 GAE/GAE 36 15 03-10-09 GAE/GAE 37 15 03-10-09 GAE/GAE 38 15 03-10-09 GAE/GAE 39 15 03-10-09 GAE/GAE 39 15 03-10-09 GAE/GAE 39 115 03-10-09 GAE/GAE		REV 16 13 14 14 15 CKAGING N		EC 6316 638 639 A.	Сору	controlled	q		METAL <u>.094</u> 0279, DETAI . TO USE.	S THRU AIR SPACING BETWEEN WIRE AND METAL <u>.094</u> MIN TIE BOLT TOLERANCE 7 - 12 IN. LBS. FOR WASHTER SET-UP, SEC CHART EG. SALES TO SPECIFY ON P.O. WHICH PACK TO USE.	IG BETWEE NOCE 7 - 12 T-UP, ST - 12 TY ON P.O. V	R SPACINO T TOLERAI O SPECIF	S THRU AII TIE BOLI FOR WA SALES T	NOTES ب ن 2 1. 1 ES

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