

PRODUCT INFORMATION PACKET



Model No: D7908

Catalog No: D7908

Condenser Fan Motor, 1/3 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 48 Frame, TEAO



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Nameplate Specifications

Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230 V
Current	2.6 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	48	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	60 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Extended Studs	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Double Flat	Frame Length	4.45 in
Shaft Diameter	0.500 in	Shaft Extension	6.50 in
Outline Drawing	8856NTA-A14U		

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FINAL INSPECTED MOTORS MUST COMPLY WITH ELECTRIC MOTOR VIBRATION SPECIFICATION (ES049)

8856NTA-A14U

DANGER
TO AVOID ELECTRICAL SHOCK/
MOTOR DAMAGE, ONLY USE
#8 X .25" THREAD FORMING
SCREWS PROVIDED WHEN USING
MOUNTING HOLES IN SLEEVE.

FRONT VIEW:
 - Overall diameter: $\varnothing 5.59$ (142.0)
 - Rotation: 0° to 295°
 - FASCO logo
 - WELD
 - 1 DRAIN HOLE BOTH ENDS
 - DRAIN PLUG THIS END ONLY
 - NOM. $\varnothing 0.159$ (4.04)
 - 4 THRU HOLES
 - POSITION AS SHOWN
 - 8-32 UNC-2A
 - ON BCD. 5.25 (133.3)
 - SAFETY WARNING LABEL
 - REF. 0.53 (13.5)
 - LABEL RATING

SIDE VIEW:
 - Overall length: 10.94 (278.0)
 - Mounting hole spacing: 4.45 (113.0)
 - Mounting hole diameter: 0.74 (18.8)
 - Mounting hole offset: 0.53 (13.5)
 - Slinger: 1.00 (25.4) TYP.
 - Shaft tag: 5.04 (128)
 - Shaft diameter: 0.500 (12.7) $\varnothing 12.680^{+0.015}$
 - Shaft tag offset: 0.13 (3.2)
 - Flat: 0.45 (11.43)
 - 0.44 (11.13)
 - 2 PLACES 90°

WIRING VIEW:
 - 2 LEADS (PURPLE / YELLOW) 18 AWG INS.2/64"
 - 8.00"/6.00" (203.2 / 152.4) LONG
 - TERMINAL QC.1/4" SPADE INSULATED MALE
 - 2 LEADS (PURPLE / YELLOW) 18 AWG INS.2/64"
 - 8.00"/6.00" (203.2 / 152.4) LONG
 - TERMINAL QC.1/4" SPADE INSULATED FEMALE
 - GROUND LEAD (GREEN/YELLOW) 18 AWG 2/64"
 - 13.00"/12.00" (330.2 / 304.8) LONG
 - TERMINAL SERRATED RING #10
 - 2 LEADS (WHITE / BLACK) 18 AWG INS.4/64"
 - 28.00"/26.00" (711.2 / 660.4) LONG
 - WITH .56"/.44" (14.22/11.17) STRIPS
 - 2 LEADS (BROWN / BROWN WITH WHITE TRACER) 18 AWG INS.4/64"
 - 28.00"/26.00" (711.2 / 660.4) LONG
 - TERMINAL QC.1/4" FLAG

FASCO MODEL D7908
 FASCO Motors (THAILAND) Limited.
 V. 208/230 HZ 60 PH 1
 HP 1/3 AMP 2.6
 RPM 1075
 INS. CL. 130 (B) 60°C AMB.
 THERMALLY PROTECTED
 No. ddmmyyxxxx TEAO
 E211796
 Made in Thailand 8856NTA-A14U
 SAFETY CAUTION: INSURE MOTOR IS PROPERLY GROUNDED,
 AND CONNECTED IN NUMERICAL SEQUENCE

WIRING DIAGRAM:
 1) BROWN CAPACITOR
 2) BRN/WHT 7.5 MFD 370 VAC
 3) WHITE (COM) LINE
 4) BLACK (HI) LINE
 GRN/YEL GROUND
 YELLOW
 PURPLE
 PURPLE
 YELLOW
 CW. SHAFT END
 CCW. SHAFT END
 ROT

Dimensions:
 - 3.43 (87.0)
 - 2.17 (55.0)

REVISION