

# PRODUCT INFORMATION PACKET

FASCO®

Model No: D703

Catalog No: D703

1/2-1/3-1/4 HP Fan & Blower Motor, 1075 RPM, 3 Speed, 208/230 Volts, 48 Frame, Semi Enclosed Direct Drive Motors



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REGAL



**Nameplate Specifications**

Output HP	1/2-1/3-1/4 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230 V
Current	4.0-2.7-2.0 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	48	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

**Technical Specifications**

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Extended Studs	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Rolled Steel
Shaft Type	Double Flat	Frame Length	5.16 in
Shaft Diameter	0.500 in	Shaft Extension	5.94 in
Outline Drawing	8857PVA-A12U		

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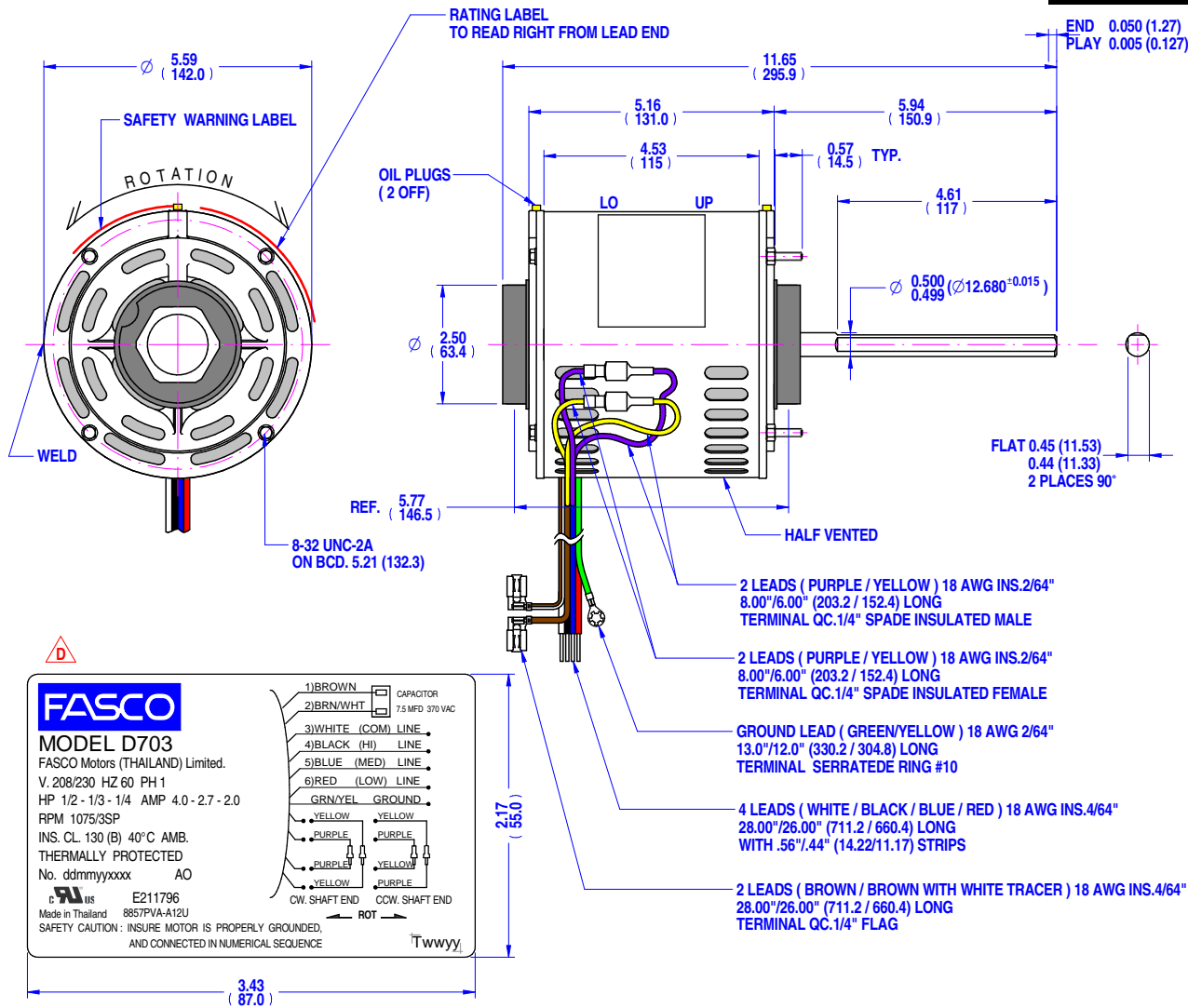
**MOTOR SPECIFICATION**

**8857PVA-A12U**

Q.R. No.	Y004436	CUSTOMER NO.	D703					
CUSTOMER	FASCO USA							
MOTOR RATING	VOLTS	208/230	Hz	60	Ph	1	Duty	S1 AOM
	RPM.	1075/3SP			4.0		AMPS	
NOM. OUTPUT	537 WATTS (1/2 HP)							
ROTATION	REVERSIBLE							
CAPACITOR	START	-----	μF/V	RUN	7.5/---		μF/V	
ENCLOSURE	DRIPPROOF							
MOTOR TYPE	PSC	INSULATION CLASS	130 (B)					
THERMAL PROTECTION	AUTO RESET OVERLOAD							
APPLICATION	FAN AXIAL - SHAFT HORIZONTAL							
BEARING D.E.	SLEEVE	LUBRICATION	PERMAWICK OPERA.TEMP					
BEARING N.D.E.	SLEEVE		-15°-90°C					
SUPPLY LEAD	AS SHOWN							
EARTH PROVISION	SUPPLIED							
BASIC BUILD SPECIFICATION	305-742-20	PAINT/ COLOUR	PC GREY PLAIN E/SHIELDS					
PERFORMANCE SPECIFICATION	SP88006-01							
CONNECTION DIAGRAM	AS SHOWN	RATING LABEL	AS SHOWN					

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

THIRD ANGLE PROJECTION



**FASCO**  
**MODEL D703**  
 FASCO Motors (THAILAND) Limited.  
 V. 208/230 HZ 60 PH 1  
 HP 1/2 - 1/3 - 1/4 AMP 4.0 - 2.7 - 2.0  
 RPM 1075/3SP  
 INS. CL. 130 (B) 40°C AMB.  
 THERMALLY PROTECTED  
 No. ddmmymmxxx AO  
 E211796  
 Made in Thailand 8857PVA-A12U  
 SAFETY CAUTION: INSURE MOTOR IS PROPERLY GROUNDED,  
 AND CONNECTED IN NUMERICAL SEQUENCE

NOTE: DIMENSIONS SHOWN INCH (mm.)  
 STK - 50

**SAFETY WARNING**  
 THIS MOTOR MUST BE GROUNDED IN ACCORDANCE WITH LOCAL OR NATIONAL ELECTRICAL CODES TO PREVENT POSSIBLE INJURY DUE TO ELECTRICAL SHOCK  
 P071946

**SPECIAL REQUIREMENTS:**

- 1) CAPACITOR SUPPLIED BY CUSTOMER.
- 2) DO NOT PACK MOTOR IN PLASTIC BAG.
- 3) PUSH AND PULL SHAFT TO CENTRALIZE WASHER SLINGER.
- 4) STAMP FDC PART NUMBER FDC D703 ON THE BULK PACK.
- 5) ADD SAFETY BOOK P/N 398-063-02 IN ALL INDIVIDUAL CARTON.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM. TOLERANCES

DECIMALS	ANGULAR
.X ± 1.0	± 30'
.XX ± 0.1	

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MOTOR WEIGHT	7.6 kg.	
DRAWN	muntana	16/09/2011
CHECKED	Pipat	24/08/2017
RELEASED	Sutthipant	24/08/2017
SCALE	N.T.S.	

**FASCO THAILAND**  
 29/8 MOO 3, BANGKRUAY - SAINOI Rd.,  
 BANGKRANG, MIJANG NONTHABURI DISTRICT,  
 NONTHABURI 11000 THAILAND

FRAME	MOTOR	
STATUS	R	
SHEET	DWG. NO. 8006:8857V-537-MCC:FDC	
A3	8857PVA-A12U	
REVISION	D	