

PRODUCT INFORMATION PACKET

FASCO®

Model No: D119

Catalog No: D119

1/11-1/25-1/70 HP Fan & Blower Motor, 1500 RPM, 3 Speed, 115 Volts, 4.4" Diameter, Semi Enclosed
Self Cooled Motors



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REGAL



Nameplate Specifications

Output HP	1/11-1/25-1/70 Hp	Output KW	0.07 kW
Frequency	60 Hz	Voltage	115 V
Current	2.9-1.5-1.0 A	Speed	1500 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	4.4	Enclosure	Open Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

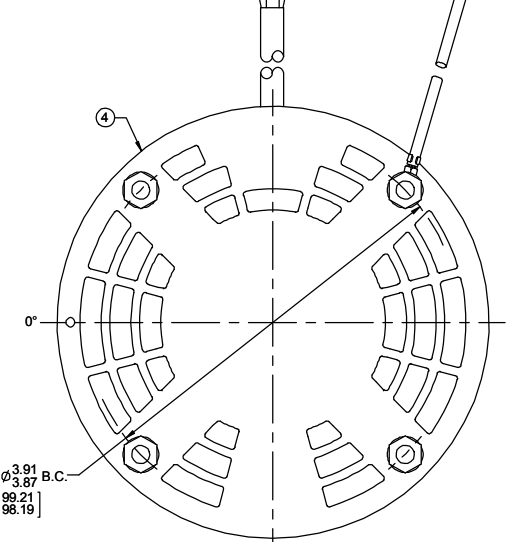
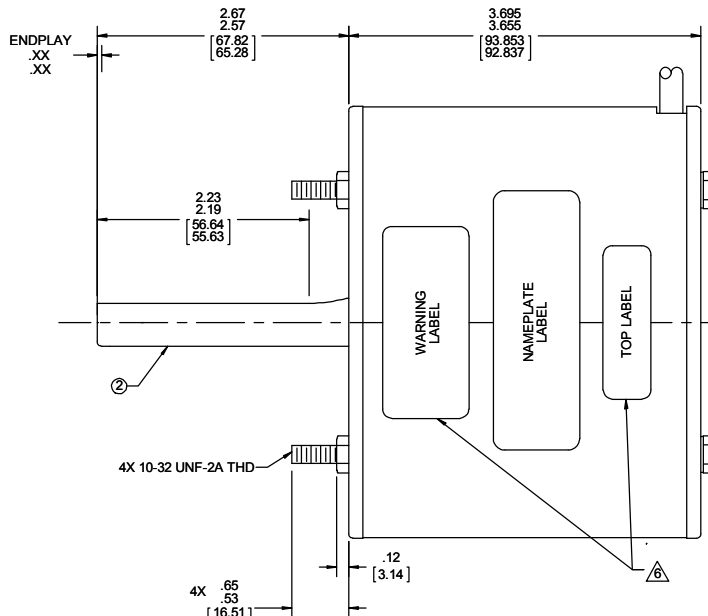
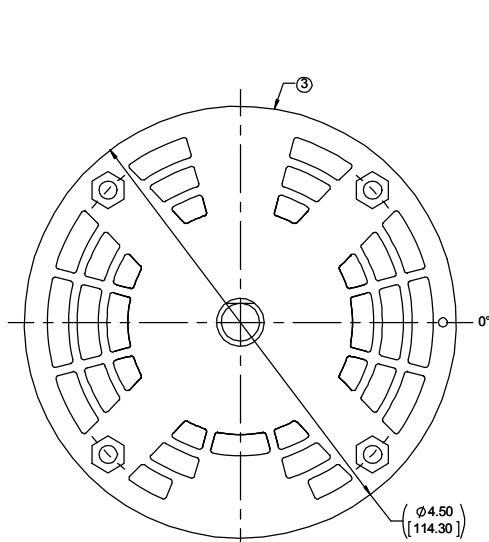
Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise Shaft End
Mounting	Extended Studs	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	6.36 in
Frame Length	3.38 in	Shaft Diameter	0.500 in
Shaft Extension	2.6 in		

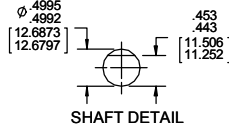
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OPPOSITE LEAD END

LEAD END



ROTATION



LEAD MATERIAL
 18 GA. 105°C 2/64 INSUL
 4-COND. SJTD, BLACK JACKET
 WHITE, BLACK, BLUE, RED
 32.00/30.00 [812.80/30.00]
 1.75/1.25 [44.45/31.75] SPLIT
 .56/ .44 [14.22/11.18] STRIP

GROUND LEAD MATERIAL
 18 GA. 105°C 2/64 INSUL.
 THERMO., GRN/YEL
 7.00/6.00 [177.80/152.40]
 RING TERMS, AMP 350436-2

61206085

TOP

61305568

SAFETY WARNING
 This motor must be grounded in accordance with local or national electrical codes to prevent possible injury due to electrical shock



AVERTISSEMENT DE SECURITE
 Ce moteur doit être fondée sur conformément à la réglementation locale ou national électrique codes pour prévenir d'éventuelles blessures en raison de choc électrique

- NOTES:
1. STATOR LOCATION DIMENSION IS FROM MAIN FRAME EDGE (OPPOSITE LEAD END) TO STATOR STEEL 1.06/1.04 [26.92/26.42].
 2. STATOR STACK 1 1/4.
 3. THRU AIR SPACING BETWEEN WIRE AND METAL .063 [1.600] MIN.
 4. TIE BOLT TORQUE TOLERANCE 13-17 IN.LBS.
 5. ASSEMBLE SPRING 00511620, IN LEAD END END SHIELD. ASSEMBLE BEARING SPACER 00061226, IN OPPOSITE END SHIELD.
 6. LOCATE TOP LABEL 61206085 AND 61305568, AT 0° AS SHOWN TO READ RIGHT FROM LEAD END OF MOTOR.
 7. MAXIMUM 0.1 Ω RESISTANCE BETWEEN GROUND TERMINAL AND MOTOR FRAME.
 8. SHAFT IS BONDERIZED.
 9. EDGE OF JACKET MUST BE INSIDE MAIN FRAME.
 10. MOTORS MUST START WITH 90 VOLTS APPLIED TO LOWEST SPEED.
 11. SALES TO SPECIFY ON P.O. WHICH PACK TO USE.
 12. PAMPHLET PACKED WITH MOTOR.
 13. SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURE.
 14. PACK 1 PER CONTAINER, 40 PER LAYER, 6 LAYERS PER PALLET, 240 MAX. PER PALLET.
 15. SEE DRAWING 87856079 SH. 1 FOR PALLET LAYOUT.
 16. CENTER LABEL 61225913 ON END OF CARTON.
 17. PLACE PAMPHLET 61224579 IN CARTON WITH MOTOR.
 18. CARTON LABELS MUST ALL FACE ONE DIRECTION TOWARD THE OPEN END OF THE PALLET, SEE 88834408.
 19. NO PACKAGING TAPE OVER CARTON LABEL.

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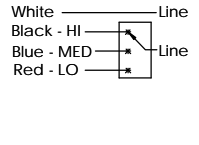
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FASCO Industries, Inc.
 Motor Division



Connection Diagram

Assembled in Mexico
 No. 71090126 TYPE U9B1
 115 V 60 Hz AO Class B Ph 1
 Model D119
 1/11-1/25-1/70 HP
 Shielded Ball Brg 1500 RPM
 Thermally Protected OSB



Max Amb: 40°C
 (3) SPD
 2.9-1.5-1.0 A

61299553

CUSTOMER:	FASCO DIST.	APPLICATION:	DIST. SALES	HI-POT TEST 2000 VOLTS MAX LEAKAGE CURRENT 5 mA							
CUSTOMER PN:	D119	MOTOR WEIGHT:	6.12 LBS.								
		ENVIRONMENT:	DRY								
		INSULATION:	CLASS B								
		MOTOR TYPE	REFERENCE SAMPLE								
		SHADED POLE									
	B	LA	FR	A	S	C	E	B	A		
	00	09	30	V	05	AL	7	0	0		
TYPICAL PERFORMANCE AT 115 VOLTS 60 HZ											
	IDLE			LOADED			LOCKED			BREAK	
MOTOR SPEED	RPM	AMP	WATT	IN OZ	RPM	AMP	WATT	IN OZ	AMP	WATT	IN OZ
HIGH	1768	2.25	129	58.0	1500	2.84	211	19.0	3.65	248	59.0
MED.	1759	1.12	64	29.0	1500	1.43	103	9.0	1.83	116	29.0
LOW	1746	.70	40	17.0	1500	.89	63	5.0	1.12	69	17.0

PRODUCTION TEST AT IDLE		MOTOR SPEED
115 VOLTS 60 HZ		
AMP	WATT	
2.48 - 2.03	141.9 - 116.1	HIGH
1.23 - 1.01	70.4 - 57.6	MED.
.77 - .63	44.0 - 36.0	LOW

DRAWING REVISION	REVISION BY	PLA	DATE
AA	AA	PLA	8/17/2017
APPROVED BY	MLS	DATE	8/17/2017
ECO DESCRIPTION	UPDATED STUD LENGTH & WARNING LABEL		

TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±1°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .0031 [0.0762] X 45° CORNER FILLETS: R.02 [51]			
MACHINED SURFACES: 125/32 INCH/MLY			
mm SHOWN IN [BRACKETS]			

DRAWN BY	PLA
APPROVED BY	MLS
DATE	8/17/2017
REFERENCE	

REGAL™ Regal Beloit America, Inc.	
DESCRIPTION	OUTLINE MOTOR ASSY
MATERIAL	PROCESS/FINISH GRAY
THIRD ANGLE PROJECTION	SIZE [DRAWING NUMBER] 71090126
	SHEET 1 OF 1