

PRODUCT INFORMATION PACKET

FASCO®

Model No: D114

Catalog No: D114

Fan Coil & Air Conditioner Motor, 1/12 HP, 1 Ph, 60 Hz, 115/230 V, 1550 RPM, 1 Speed,
4.4" Diameter, TEAO



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RegalRexnord



Nameplate Specifications

Output HP	1/12 Hp	Output KW	0.06 kW
Frequency	60 Hz	Voltage	115/230 V
Current	2.5/1.3 A	Speed	1550 rpm
Phase	1	Efficiency	39 %
Duty	Air Over	Insulation Class	A
Frame	4.4	Enclosure	Totally Enclosed Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	4	Rotation	Clockwise Shaft End
Mounting	Extended Studs	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	7.62 in
Shaft Diameter	0.375 in	Shaft Extension	3 in
Connection Drawing	SEE OUTLINE	Outline Drawing	71086879

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D

D

C

C

B

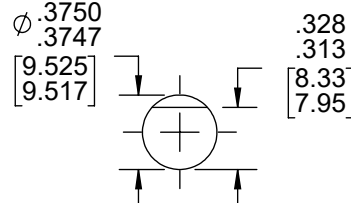
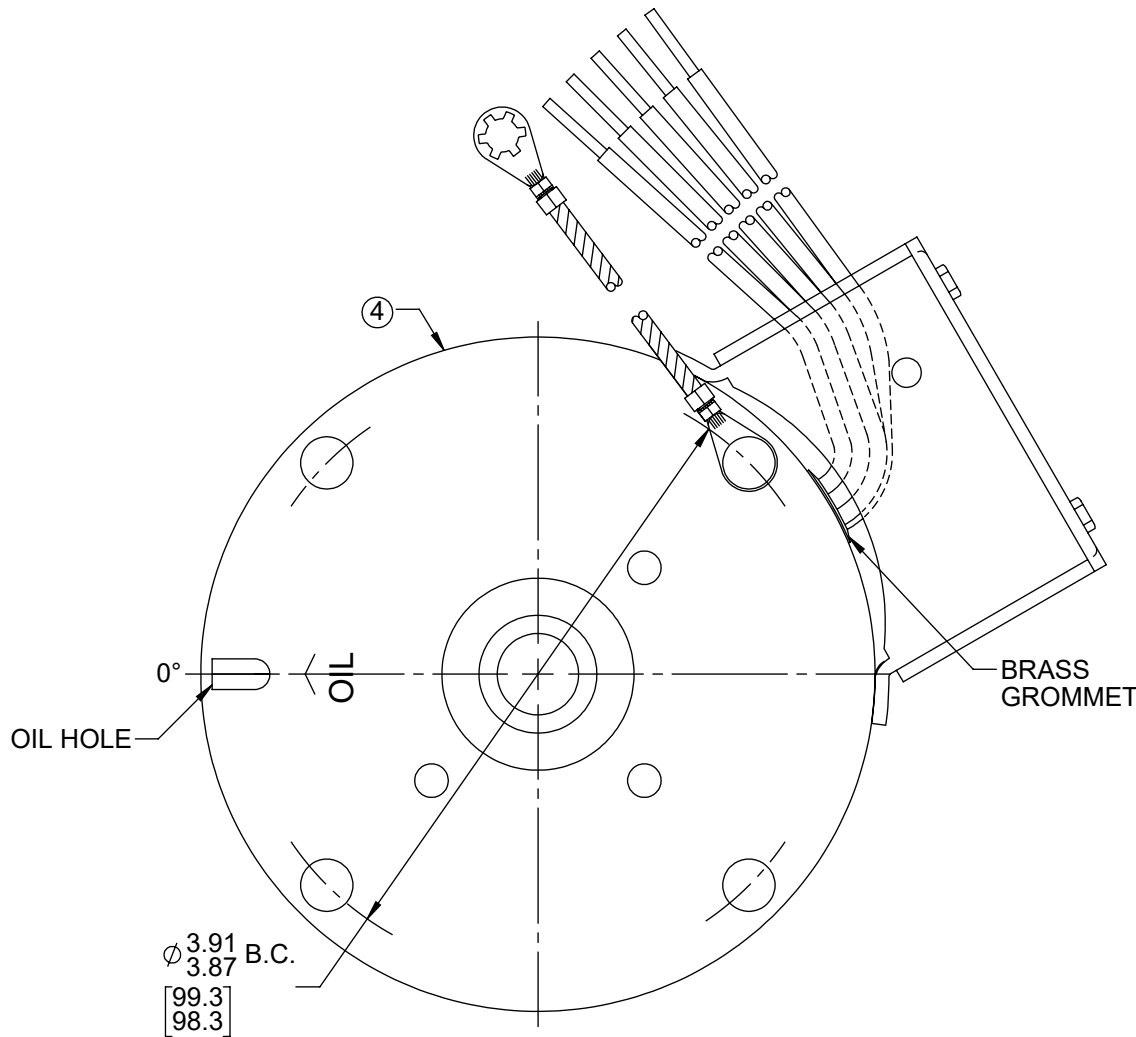
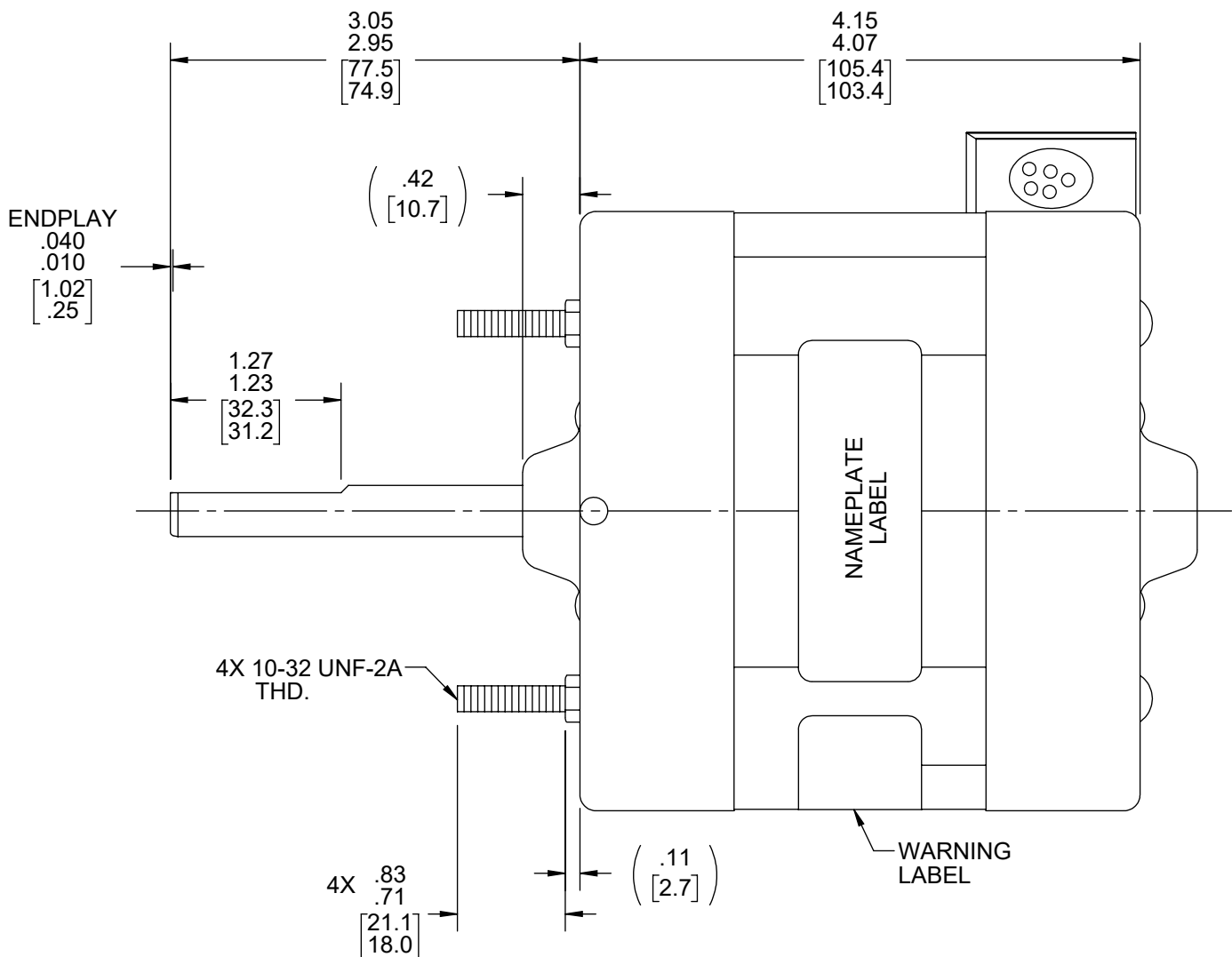
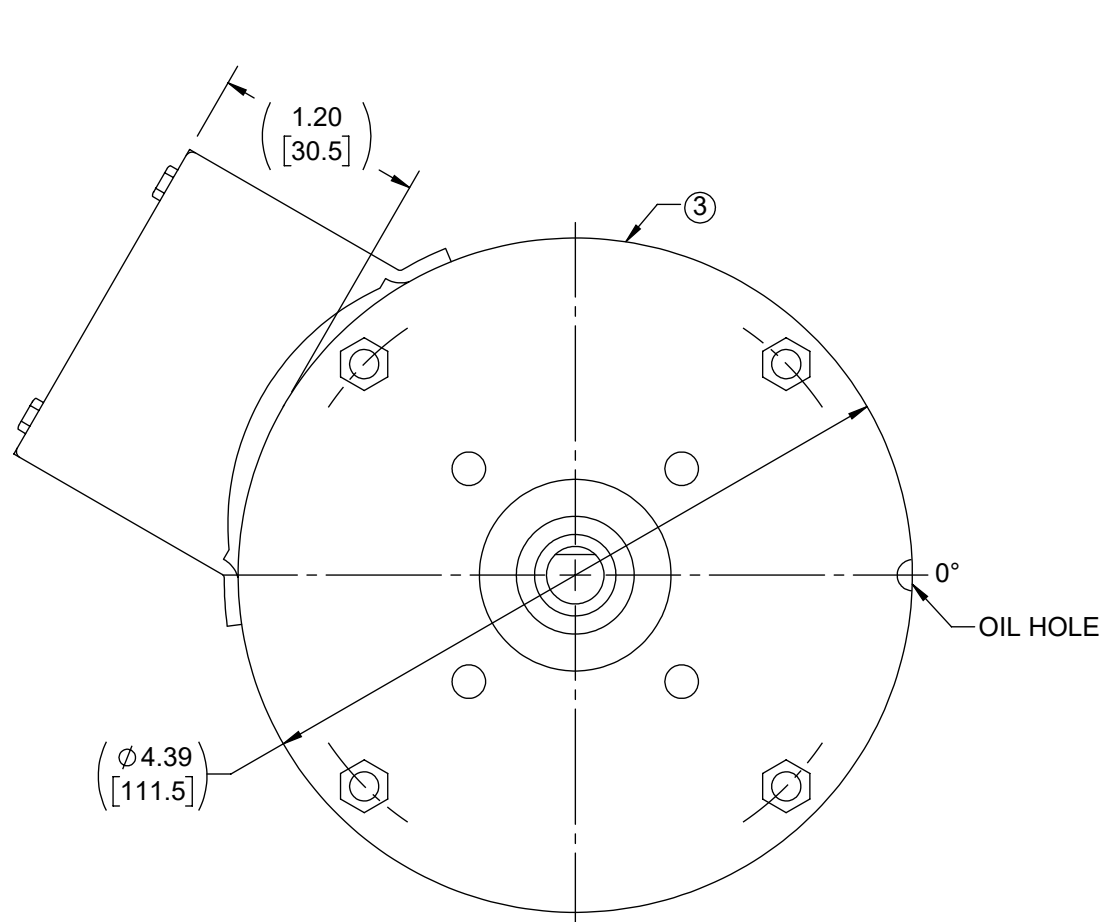
B

A

A

OPPOSITE LEAD END

LEAD END



LEAD MATERIAL
18 GA. 105°C 2/64 INSUL.
THERMO. WHITE, BLACK,
BLUE, RED, AND PURPLE
28.00/26.00 [711.2/660.4]
.56/.44 [14.2/11.2] STRIP
LEADS MEASURED FROM
PHRIPHERY OF COVER

GRN/YEL GROUND LEAD
7.00/6.00 [177.8/152.4]
W/ RING TERMINAL
AMP 350436-2

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 SÉCURITÉ
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:
- SHAFT IS BONDERIZED.
 - THRU AIR SPACING BETWEEN WIRE AND METAL .094 [2.39] MINIMUM.
 - FOR WASHER SET-UP, SEE CHART C6010279, DETAIL "H".
 - ROTOR FREENESS TO BE WITHIN 3/4 OZ.IN.
 - TIE BOLT TORQUE TOLERANCE 7 - 10 IN.LBS.
 - LOCATE ϕ OF NAMEPLATE ON ϕ OF STATOR CENTERED AT 0°.
 - MAXIMUM 0.1 Ω RESISTANCE BETWEEN GROUND TERMINAL AND MOTOR FRAME.
 - MOTORS MUST START WITH 180 VOLTS APPLIED TO LOWEST SPEED.
 - SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURE.
 - PACK 1 PER CONTAINER, 45 CONTAINERS PER LAYER, 6 LAYERS PER PALLET, 270 MAX. PER PALLET.
 - PLACE PC 21 PAMPHLET IN CONTAINER WITH MOTOR.
 - CENTER CARTON LABEL ON END OF CONTAINER.
 - SEE DRAWING 87856079 SHEET 1 FOR PALLET LAYOUT.
 - CARTON LABELS MUST ALL FACE ONE DIRECTION TOWARD THE OPEN END OF THE PALLET. SEE 88834408.
 - NO PACKAGING TAPE OVER CARTON LABEL.

00464072

00464533

FASCO™



Connection Diagram

Assembled In Mexico

No. 71086879

115/230 V

2.5/1.3 A

Model D114

Thermally Protected

TYPE U8

60 Hz

1550 RPM

Max Amb: 40°C

TEAO

PH 1

115 V

230 V

Wht — Line

Pur — Not Used

Blu —

Red —

Blk — Line



61299553

CUSTOMER:	FASCO DIST.	APPLICATION:	DIST. SALES	HI-POT TEST 2000 VOLTS MAX LEAKAGE CURRENT 5 mA	
CUSTOMER PN:	D114	MOTOR WEIGHT:	8.63 LBS.		
		ENVIRONMENT:	DRY		
MOTOR TYPE				REFERENCE SAMPLE	
SHADED POLE					
B	LA	FR	A	S	C
00	08	10	T	08	AM
TYPICAL PERFORMANCE AT 115/230 VOLTS 60 HZ 1 PH 1/12 HP					
IDLE			LOADED		
MOTOR SPEED	RPM	AMP	WATT	IN OZ	BREAK
115 V	1768	1.8	95	57	60
230 V	1768	.9	95	57	60

PRODUCTION TEST AT IDLE 115/230 VOLTS 60 Hz		MOTOR SPEED
AMP	WATT	
1.98 - 1.62	104.5 - 85.5	115 V
.99 - .81	104.5 - 85.5	230 V

DRAWING REVISION	REVISION BY	REV DATE/@ DATE
AB	SDM	3/31/2022
REQUEST NUMBER	APPROVED BY	DATE
ECR-0216621	MLS	3/31/2022
REQUEST NUMBER DESCRIPTION		
CHANGE N/P FASCO LOGO TO FASCO TM		
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TOLERANCES (EXCEPT AS NOTED):	DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±1°	
.XX	±0.01	[±0.3]		
.XXX	±0.005	[±0.13]		
.XXXX	±0.0005	[±0.013]		
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°				
CORNER FILLETS: R.02 [.5]				
MACHINED SURFACES: .125/ mm				
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY				

DRAWN BY	SDM
DATE	6/1/2021
APPROVED BY	JMG
DATE	6/1/2021
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Rexnord		Regal Beloit America, Inc.	
DESCRIPTION		OUTLINE MOTOR ASSY	
MATERIAL		PROCESS/FINISH GRAY	
DRAWING NUMBER		71086879	
SHEET		1 OF 1	

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