PRODUCT INFORMATION PACKET

Model No: D338
Catalog No: D338
Fan Coil & Air Conditioner Motor, 1/6-1/10-1/12-1/15 HP, 1 Ph, 60 Hz, 115 V, 1550 RPM, 4 Speed, 4.4" Diameter, OAO



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Nameplate Specifications

Phase	1	Output HP	1/6-1/10-1/12-1/15 Hp
Output KW	0.13 kW	Voltage	115 V
Speed	1550 rpm	Service Factor	1
Frame	4.4	Enclosure	Open Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
Frequency	60 Hz	Current	5.4-3.2-2.5-2.1 A
Duty	Air Over	Insulation Class	A
UL	Recognized	CSA	Y
CE	N	Number of Speeds	4

Technical Specifications

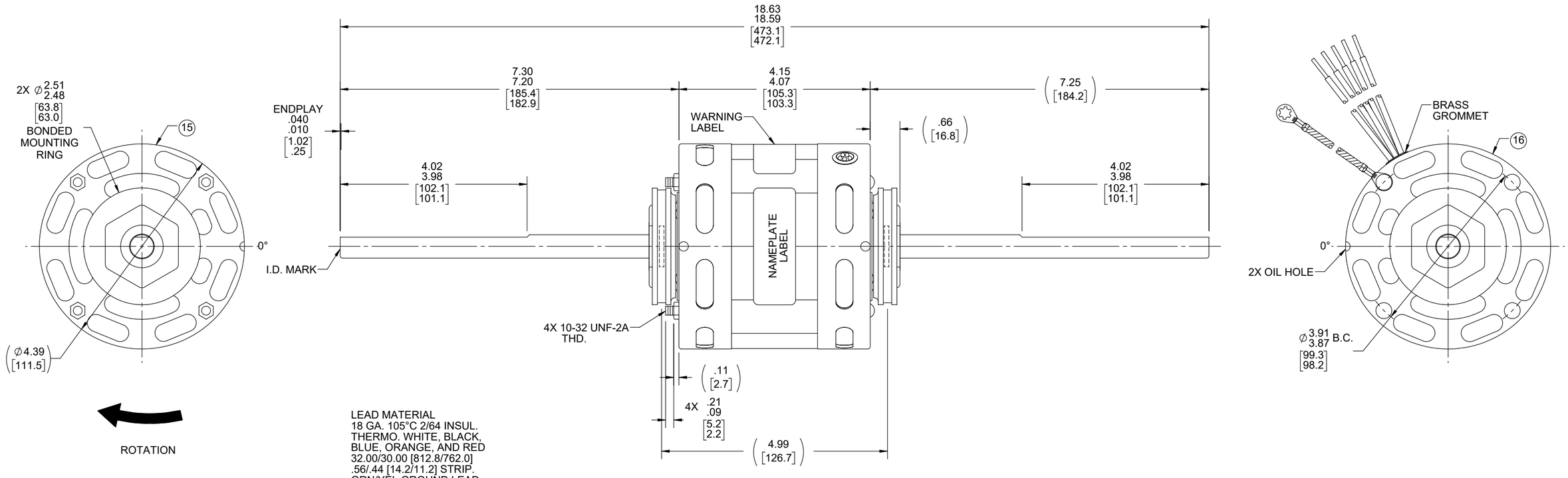
Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Resilient Rings	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	18.63 in
Shaft Diameter	0.500 in	Shaft Extension	7.25 in
Connection Drawing	SEE OUTLINE	Outline Drawing	71080071

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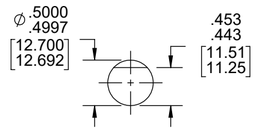
OPPOSITE LEAD END

LEAD END



ROTATION

LEAD MATERIAL
18 GA. 105°C 2/64 INSUL.
THERMO. WHITE, BLACK,
BLUE, ORANGE, AND RED
32.00/30.00 [812.8/762.0]
.56/.44 [14.2/11.2] STRIP.
GRN/YEL GROUND LEAD
7.00/6.00 [177.8/152.4]
W/ RING TERMINAL
AMP 350436-2



SHAFT DETAIL
BOTH ENDS

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:
1. SHAFT IS BONDERIZED.
2. SHAFT FLATS TO BE PARALLEL WITHIN ± 20°.
3. THRU AIRSPACING BETWEEN WIRE AND METAL .063 [1.60] MIN.
4. FOR WASHER SET-UP, ESS CHART C6010279, DETAIL H.
5. TIE BOLT TORQUE TOLERANCE 7 - 10 IN.LBS.
6. ROTOR FREENESS TO BE WITHIN 1 OZ.IN.
7. MAXIMUM 0.1 Ω RESISTANCE BETWEEN GROUND TERMINAL AND MOTOR FRAME.
8. MOTORS MUST START WITH 90 VOLTS APPLIED TO LOWEST SPEED.
9. SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURE.
10. PACK 1 PER CONTAINER, 20 PER LAYER, 6 LAYERS PER PALLET, 120 MAX. PER PALLET.
11. PLACE PAMPHLET, 61224579, IN CONTAINER WITH MOTOR.
12. SEE DRAWING 87856079 SHEET 1 FOR PALLET LAYOUT.
13. CENTER LABEL ON END OF CONTAINER.
14. NO PACKING TAPE OVER CARTON LABEL.

00464072

00464767

FASCO™

Assembled In Mexico
No. 71080071 TYPE U8 AO PH 1
115 V 60 Hz
1550 RPM
Model D338 (4 SPD)
Thermally Protected CCWLE
1/6-1/10-1/12-1/15 HP
5.4-3.2-2.5-2.1 A

Connection Diagram
Wht ——— Common
Blk ——— Ultra Hi
Blu ——— High
Orn ——— Med
Red ——— Low

61299553

CUSTOMER:	FASCO DIST	APPLICATION:	DIST. SALES
CUSTOMER PN:	D338	MOTOR WEIGHT:	9.37 LBS
		ENVIRONMENT:	DRY

HI-POT TEST2000 VOLTS
MAX LEAKAGE CURRENT 5 mA

MOTOR TYPE						REFERENCE SAMPLE			
SHADED POLE									
B	LA	FR	A	S	C	E	B	A	
00	08	11	V	08	OS	8	8	0	

TYPICAL PERFORMANCE AT 115 VOLTS 60 HZ 1 PH 1/6 HP

	IDLE			LOADED				LOCKED			BREAK
MOTOR SPEED	RPM	AMP	WATT	IN OZ	RPM	AMP	WATT	IN OZ	AMP	WATT	IN OZ
ULTRA HI	1777	4.1	211	128	1550	5.1	363	44	7.4	474	135
HI	1771	2.3	123	74	1550	3.0	212	28	4.2	260	77
MED	1767	1.9	101	58	1550	2.4	170	18	3.3	206	60
LOW	1766	1.5	83	48	1550	2.0	141	17	2.7	169	52

PRODUCTION TEST AT IDLE 115 VOLTS 60 Hz		MOTOR SPEED
AMP	WATT	
4.51 - 3.69	232.1 - 189.9	ULTRA HI
2.53 - 2.07	135.3 - 110.7	HI
2.09 - 1.71	111.1 - 90.9	MED
1.65 - 1.35	91.3 - 74.7	LOW

DRAWING REVISION	REVISION BY	REV DATE/© DATE
AC	SDM	3/22/2022
REQUEST NUMBER	APPROVED BY	DATE
ECR-0216370	MLS	3/22/2022

REQUEST NUMBER DESCRIPTION
CHANGE NAMEPLATE 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 / 3.2 INCH / mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	SDM
DATE	7/23/2019
APPROVED BY	SED
DATE	7/23/2019
REFERENCE	

Regal Rexnord — Regal Beloit America, Inc.

DESCRIPTION: OUTLINE
MOTOR ASSY

MATERIAL | PROCESS/FINISH: GRAY

THIRD ANGLE PROJECTION | SIZE: C | DRAWING NUMBER: 71080071 | SHEET: 1 OF1