PRODUCT INFORMATION PACKET

Model No: D374
Catalog No: D374
Fan and Blower Motor, 1/8-1/20 HP, 1 Ph, 60 Hz, 115 V, 1500 RPM, 2 Speed, 4.4" Diameter, OAO

Regal and Fasco are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

Nameplate Specifications

Output HP	1/8-1/20 Hp	Output KW	0.10 kW
Frequency	60 Hz	Voltage	115 V
Current	4.0-2.5 A	Speed	1500 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	A
Frame	4.4	Enclosure	Open Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

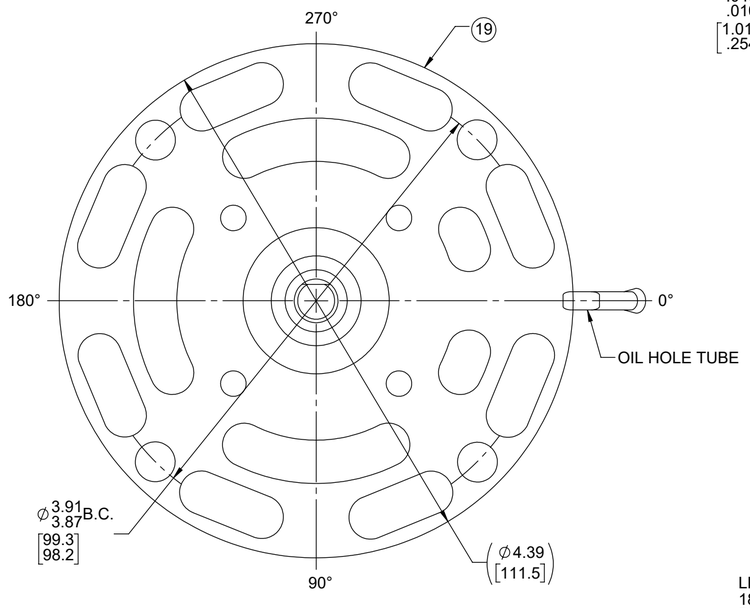
Technical Specifications

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	6.62 in
Shaft Diameter	0.313 in	Shaft Extension	2.2 in
Connection Drawing	SEE OUTLINE	Outline Drawing	71080169

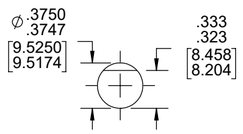
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/29/2022

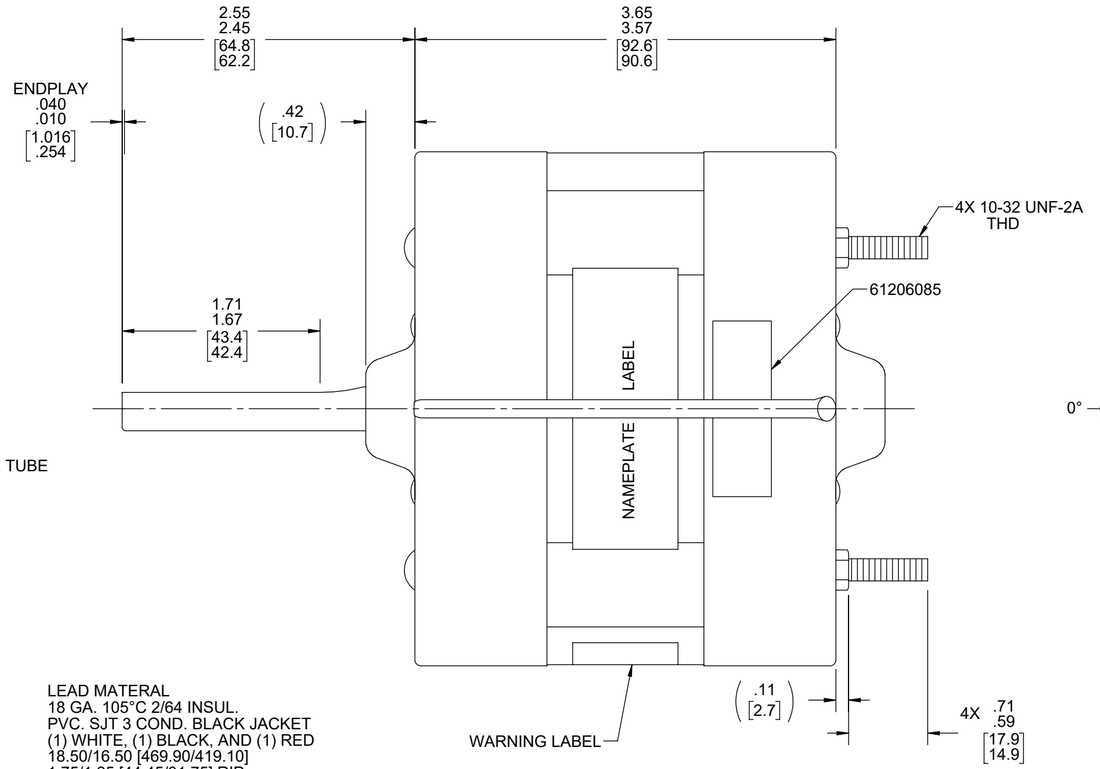
Uncontrolled Copy

OPPOSIT LEAD END



ROTATION

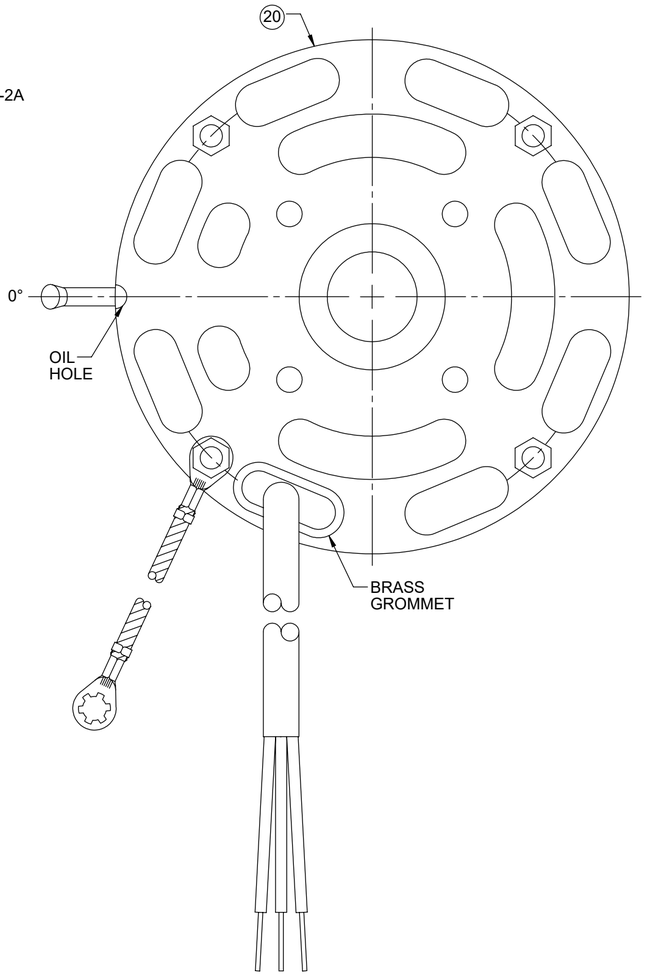




LEAD MATERIAL
18 GA. 105°C 2/64 INSUL.
PVC. SJT 3 COND. BLACK JACKET
(1) WHITE, (1) BLACK, AND (1) RED
18.50/16.50 [469.90/419.10]
1.75/1.25 [44.45/31.75] RIP
.56/.44 [14.22/11.18] STRIP
W/ TINNED STRIPS.

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

LEAD END



NOTES:
1. THRU AIR SPACING BETWEEN WIRE AND METAL .063 [1.600] MIN.
2. SHAFT IS BONDERIZED.
3. TIE BOLT TORQUE TOLERANCE 7 - 10 IN. LBS.
4. ROTOR FREENESS TO BE WITHIN 3/4 OZ. IN.
5. LEADS TO BE TIN DIPPED.
6. FOR WASHER SET-UP, SEE CHART C6000279, DETAIL "H".
7. MAXIMUM 0.1 Ω RESISTANCE BETWEEN GROUND TERMINAL AND MOTOR FRAME.
8. LOCATE TOP LABEL, 61206085, AT 0° AS SHOWN TO READ RIGHT FROM LEAD END OF MOTOR.
9. MOTORS MUST START WITH 90 VOLTS APPLIED TO LOWEST SPEED.
10. SALES TO SPECIFY ON P.O. WHICH P.O. TO USE.
11. SEE PACKAGING MANUAL PAGE 2 FOR PACKAGING PROCEDURES.
12. PACK 1 PER CONTAINER, 40PER LAYER, 6 LAYERS PER PALLET, 240 MAX. PER PALLET.
13. PLACE PAMPHLET, 61224579, IN CONTAINER WITH MOTOR.
14. SEE DRAWING 87856079 SHEET 1 FOR PALLET LAYOUT.
15. CENTER LABEL, 61225961, ON END OF CARTON.
16. CARTON LABELS MUST ALL FACE ONE DIRECTION TOWARD THE OPEN END OF THE PALLET. PER 88834408.
17. NO PACKING TAPE OVER CARTON LABELS.

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 â la réglementation locale ou national électrique codes pour prévenir d'éventuelles blessures en raison de choc électrique

00464072 00464551

FASCO™

Assembled In Mexico
No. 71080169 TYPE U8 AO PH 1
115 V 60 Hz
4.0-2.5 A 1/8-1/20 HP
Model D374 LR6319
1500 RPM (2 SPD)
Thermally Protected OSB
Max Amb: 40°C

Connection Diagram
White — Line
Black-HI — Line
Red-LO

61299553

61206085

TOP

CUSTOMER:	FASCO DIST.	APPLICATION:	DIST. SALES
CUSTOMER PN:	D374	MOTOR WEIGHT:	
		ENVIRONMENT:	DRY

HI-POT TEST 2000 VOLTS
MAX. LEAKAGE CURRENT 5mA

MOTOR TYPE					REFERENCE SAMPLE			
SHADED POLE								
B	LA	FR	A	S	C	E	B	A
00	08	10	V	06	GC	6	5	0

TYPICAL PERFORMANCE AT 115 VOLTS 60 HZ 1PH 1/8 HP

	IDLE			LOADED				LOCKED			BREAK
MOTOR SPEED	RPM	AMP	WATT	IN OZ	RPM	AMP	WATT	IN OZ	AMP	WATT	IN OZ
HIGH	1769	3.07	163	88	1500	3.77	274	30	5.01	347	91
LOW	1765	1.86	100	56	1500	2.38	170	19	3.16	206	57

PRODUCTION TEST AT IDLE 115 VOLTS 60 Hz		MOTOR SPEED
AMP	WATT	
3.38 - 2.76	179.3 - 146.7	HIGH
2.05 - 1.67	110.0 - 90.0	LOW

DRAWING REVISION	REVISION BY	REV DATE/© DATE
AC	SDM	3/25/2022
REQUEST NUMBER	APPROVED BY	DATE
ECR-0216470	MLS	3/25/2022
REQUEST NUMBER DESCRIPTION: CHANGE FASCO LOGO TO FASCL TM		

COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.

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	8/7/2017
APPROVED BY	SED
DATE	8/7/2017
REFERENCE	

Regal Rexnord — Regal Beloit America, Inc.

DESCRIPTION: OUTLINE MOTOR ASSY

MATERIAL	PROCESS/FINISH
	GRAY

THIRD ANGLE PROJECTION

SIZE	DRAWING NUMBER	SHEET
C	71080169	1 OF1