

PRODUCT INFORMATION PACKET



Model No:
Catalog No: 174A
MODEL-RFHP-48FR
OEM Replacement



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Nameplate Specifications

Output HP	1/6 HP	Output KW	0.13 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.0 A	Speed	1625 RPM
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Semi Enclosed
Overload Protector	Automatic	Ambient Temperature	60 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Induction Run
Poles	4	Rotation	Reversible
Mounting	Extended Studs	Motor Orientation	Any
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	7.07 in	Frame Length	3.38 in
Shaft Diameter	0.500 in	Shaft Extension	2.6 in
Outline Drawing	174A-S01	Connection Diagram	614131-242

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GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.03] T.I.R. PER INCH LENGTH OF EXTENSION

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

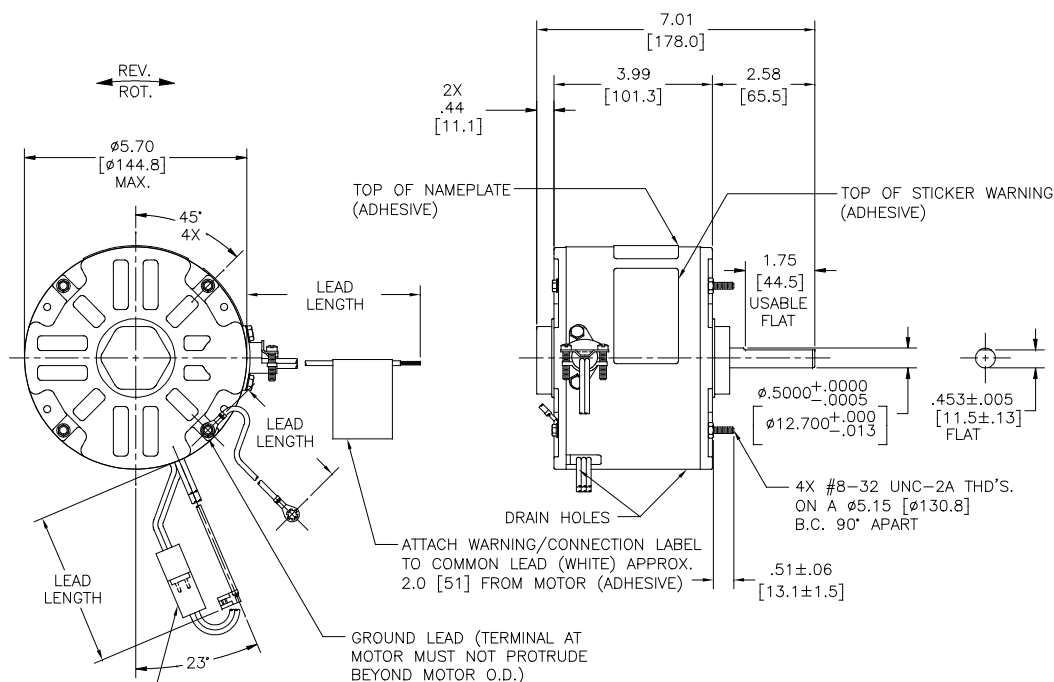
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 036)

LEADS: NO. 18 GA., .06 [1.5] THK. PVC 105°C INSUL.

REVERSING PLUGS: NO. 18 GA., .03 [.8] THK. XLPE 125°C INSUL.

GROUND LEAD: NO. 18 GA., .03 [.8] THK. (GREEN/YELLOW) INSUL.



- NOTES:
1. THE SYMBOL OF CTQ: ▲ (NO CTQ ON THIS DRAWING).
 2. MEET THE REQUIREMENT OF RoHS & REACH, SEE EP000014_5.1.

NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48Y44A01 CUST. P/N: 174A HP: 1/6 ROT.: REVERSIBLE RPM: 1625 TYPE: UF FRAME: 48Y VOLTS: 208-230 PH: 1 AMPS: 1.0 HZ: 60 INS.: B AMB.: 60° C DUTY: AIR OVER CAP.: 5 MFD/370 V ENCL: SEMI-ENCL. UL LOGO CSA LOGO THERMALLY PROTECTED	SEP. CAP. BROWN BRN/WHT WHITE BLACK LINE ROTATION BLACK BLACK WHITE WHITE CCWLE BLACK WHITE WHITE BLACK CWLE 614131-242

GREEN/YELLOW (GROUND)	11.0/13.0 [279/330]	#10 EYELET
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	11.0/13.0 [279/330]	.25 [6.4] FLAG
BROWN/WHITE	11.0/13.0 [279/330]	.25 [6.4] FLAG
WHITE	35.0/37.0 [889/940]	.50 [12.7] SKIN
BLACK	35.0/37.0 [889/940]	.50 [12.7] SKIN
COLOR	LEAD DATA	TERMINAL OR STRIP LENGTH

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

MAIN FRAME - OLE	ENCLOSED
END FRAME - OLE	OPEN
MAIN FRAME - LE	ENCLOSED
END FRAME - LE	OPEN

PERFORMANCE CURVE NO.	TORQUE @ 1625 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
C32625	10.5 OZ. FT.	0600526C	E46412 PRGY2	LR43341 4211-01

DRAWING REVISION	REVISION BY	DATE
C	HANNA.ZOU	10-30-2019
ECO	APPROVED BY	DATE
E00-0175780	KEYJUN.SONG	10-30-2019
ECO DESCRIPTION		
④D4:change sleeve to ball,remove end play.		
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ENCLOSURE		CUSTOMER	DISTRIBUTION SERVICE
DRAWN BY: C.ZHOU	DATE: 04-12-2011	REGAL-BELOIT AMERICA, Inc. MODEL-RFHP-48FR OUTLINE	
APPROVED BY: J.SOPKO	DATE: 04-12-2011	MATERIAL	PROCESS/FINISH
REFERENCE	SIZE DWG NO	174A	SHEET 1
THIRD ANGLE PROJECTION			