Uncontrolled Copy

GENERAL INFORMATION:

SHAFT RUNOUT:	.001[.03] T.I.R. PER INCH LENGTH OF EXTENSION
END PLAY:	.010 TO .063[.25 TO 1.60]
BEARINGS:	SLEEVE
MOUNTING POSITION:	ALL ANGLE

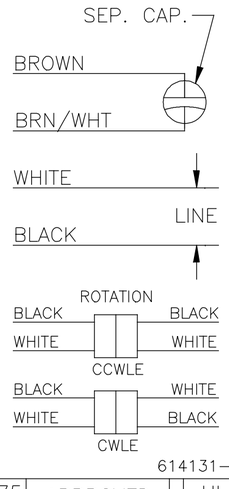
ELECTRICAL DATA:

OVERLOAD PROTECTOR:	AUTOMATIC RESET (SENSATA 7AM 304)
LINE LEADS:	NO. 18 GA., .06[1.5] THK. XLP 125°C INSUL.
REVERSING PLUGS:	NO. 18 GA., .03[.8] THK. XLP 125°C INSUL.
GROUND LEAD:	NO. 18 GA., .03[.8] THK. (GREEN) INSUL.

NAMEPLATE DATA:

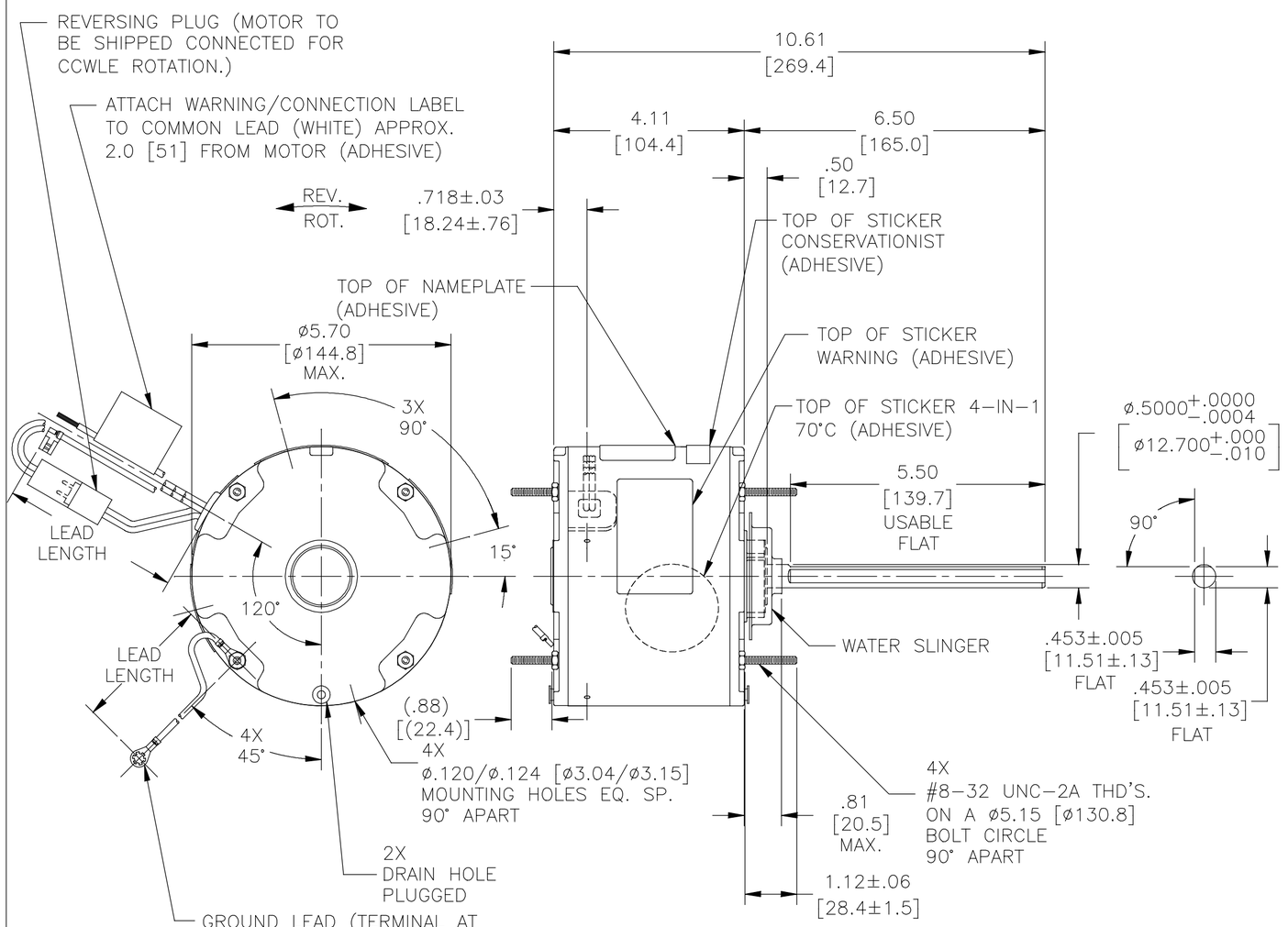
MODEL NO.: F48W87A01
CUST. P/N: ORM5458F
HP: 1/3–1/6
ROT.: REVERSIBLE
RPM: 1075
TYPE: UF
FRAME: 48
VOLTS: 208–230
PH: 1
AMPS: 2.1
HZ: 60
INS.: F
AMB.: 70°C
DUTY: AIR OVER
CAP.: 7.5 MFD/370 V
ENCL: ENCLOSED
UL LOGO
CSA LOGO
THERMALLY PROTECTED

EXTERNAL CONNECTION DIAGRAM



614131–242

PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
C32514	32.6 OZ. FT.	0500467A	E46412	PRGY2	LR43341	4211–01



LEAD DATA		
GREEN (GROUND)	12.0/13.0 [305/330]	#10 EYELET
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	48.0/51.0 [1219/1295]	.25[6.4] FLAG
BROWN/WHITE	48.0/51.0 [1219/1295]	.25[6.4] FLAG
WHITE	48.0/51.0 [1219/1295]	.50[12.7] SKIN
BLACK	48.0/51.0 [1219/1295]	.50[12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

REGAL–BELOIT CORPORATION (RBC) PROVIDES TECHNICAL ASSISTANCE TO OUR CUSTOMERS IN SEVERAL AREAS. SINCE RBC DOES NOT RECEIVE ALL DATA CONCERNING THE USE AND APPLICATION OF THE MOTOR, THE SUITABILITY OF THE MOTOR FOR THE APPLICATION MUST BE DETERMINED BY THE CUSTOMER.

DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

NOTES:

1. ATTACH INSTRUCTION SHEET 681572–003 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER(OR 69P9–3 ONLY USED IN MEXICO)
2. (4)SCREWS 615982–001 & (4) EXTRA HEX NUTS 7555A19H01 TO BE PUT IN A POLYBAG & HANG ON SHAFT.

ENCLOSURE	
MAIN FRAME – OLE	ENCLOSED
END FRAME – OLE	ENCLOSED
MAIN FRAME – LE	ENCLOSED
END FRAME – LE	ENCLOSED

CUSTOMER	DISTRIBUTION SERVICE

DRAWING REVISION: F	REVISION BY: NANCY.LIU	DATE: 01–16–2018
ECO: ECO–0137545	APPROVED BY: CADDIE.ZHOU	DATE: 01–16–2018
ECO DESCRIPTION: SEE ECO		

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DRAWN BY: JR	Regal Beloit America, Inc.	
DATE: 05–24–2011		
APPROVED BY: JR	DESCRIPTION: MODEL–RFHP–48FR OUTLINE	
DATE: 05–24–2011		
PROCESS/FINISH: –	MATERIAL: –	
THIRD ANGLE PROJECTION	SIZE: C	DWG NO: ORM5458F
		SHEET: 1