

PRODUCT INFORMATION PACKET



Model No: 953

Catalog No: 953

OEM Replacement Motor, 1/15, 1/45, 1/60 HP, 1 Ph, 60 Hz, 115 V, 1100 RPM, 3 Speed, 42 Frame, OPEN



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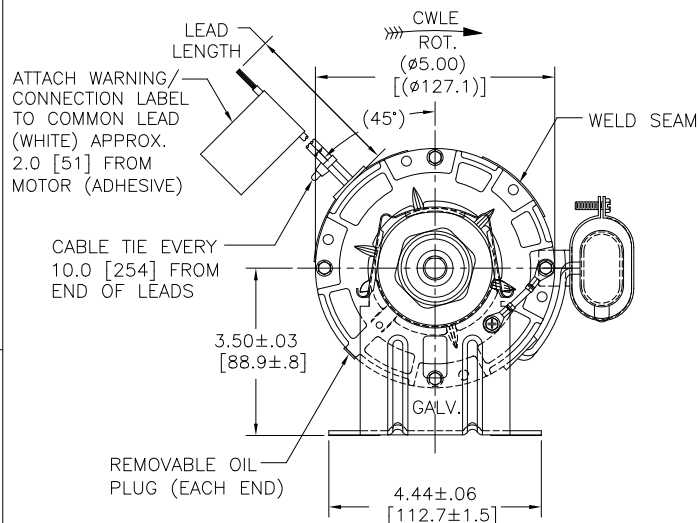
Nameplate Specifications

Output HP	1/15, 1/45, 1/60 Hp	Output KW	0.05 kW
Frequency	60 Hz	Voltage	115 V
Current	0.8 - 0.5 - 0.35 A	Speed	1100 rpm
Service Factor	1	Phase	1
Duty	Continuous Air Over	Insulation Class	B
Frame	42Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	3

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Clockwise Lead End
Mounting	Resilient Base	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	25.43 in	Frame Length	3.17 in
Shaft Diameter	0.500 in	Shaft Extension	10.8 X .5 X 10.9 in
Outline Drawing	953-S01		

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GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.025] T.I.R. PER INCH LENGTH OF EXTENSION

END PLAY: .005 TO .040 [.13 TO 1.02]

BEARINGS: SLEEVE

MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SESATA 7AM 093)

LINE LEADS: NO. 18 GA., .06 [1.5] THK. XLP 125°C INSUL.

CAPACITOR LEADS: NO. 18 GA., .03 [.8] THK. XLP 125°C INSUL.

GROUND LEAD: NO. 16 GA., .03 [.8] THK. (GREEN/YELLOW INSUL.)

NAMEPLATE DATA:

Century
UNIVERSAL ELECTRIC MOTOR

ELECTRICAL PRODUCTS COMPANY TIPP CITY, OHIO

SER. DATE & PO# PLT LTR MOD DE3E248N' STK. NO. 953

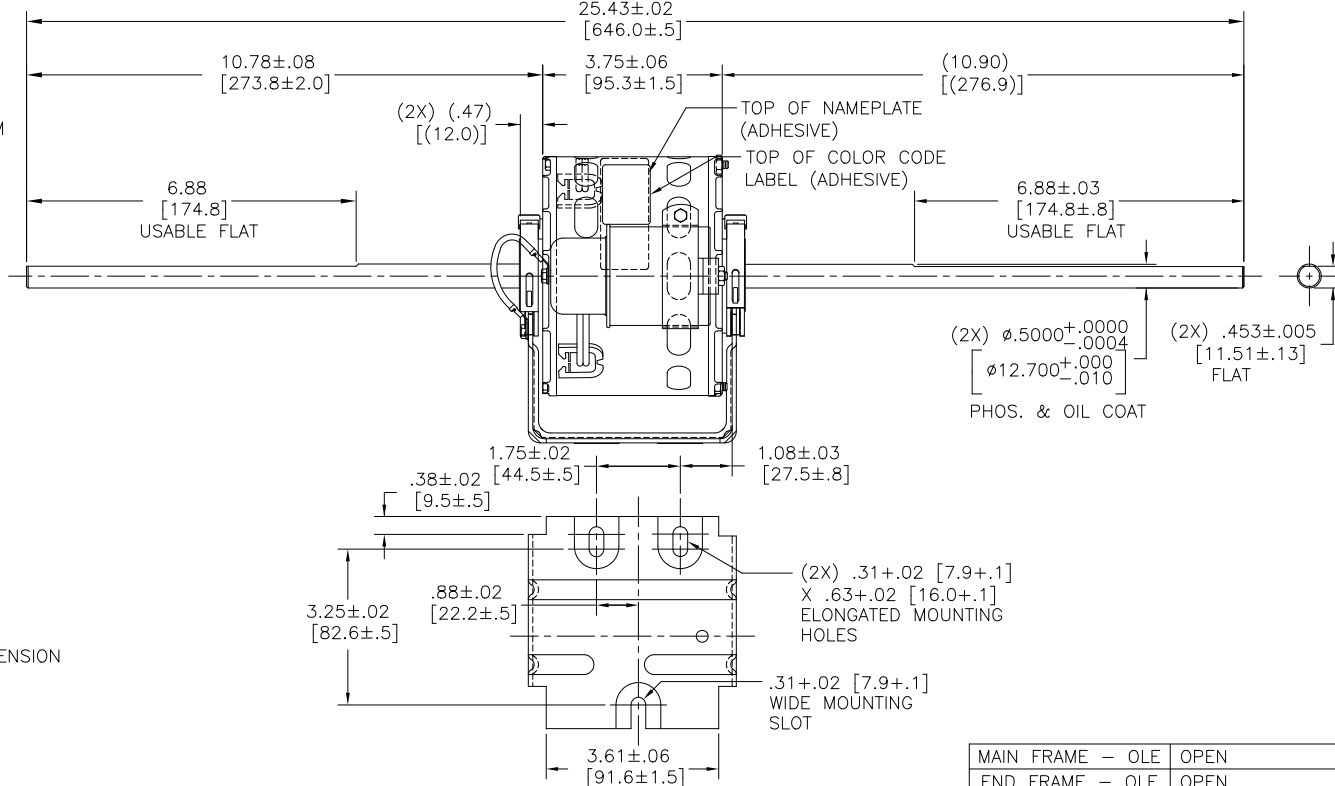
VOLTS 115 HZ 60 AMPS

RPM 1100 SP 3 PH 1 CAP 5 MFD/370 VAC

INS CL B AMB 40 °C HP CONT AO → ROTATION →

BRG SLV #20 NON-DET OIL EVERY 6 MO. ASSEMBLED IN MEXICO

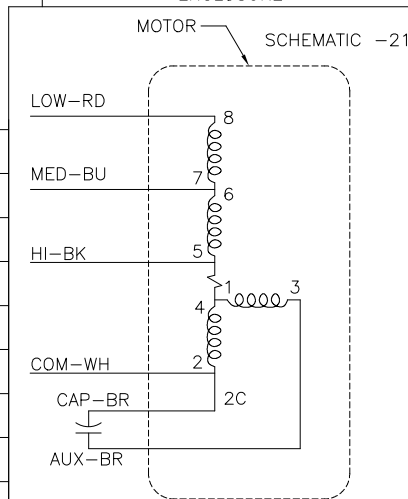
PERFORMANCE CURVE NO.	TORQUE @ 1100 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
-	51 OZ. IN.	S-9744E-1	-	-	-	-



MAIN FRAME - OLE	OPEN
END FRAME - OLE	OPEN
MAIN FRAME - LE	OPEN
END FRAME - LE	OPEN
ENCLOSURE	

GREEN/YELLOW (GROUND)	CONNECTED TO BASE	#10 EYELET
BROWN	CONNECTED TO CAPACITOR	.25 [6.4] FLAG
BROWN	CONNECTED TO CAPACITOR	.25 [6.4] FLAG
RED	39.0/41.0 [991/1041]	.50 [12.7] SKIN
BLUE	39.0/41.0 [991/1041]	.50 [12.7] SKIN
BLACK	39.0/41.0 [991/1041]	.50 [12.7] SKIN
WHITE	39.0/41.0 [991/1041]	.50 [12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH

LEAD DATA



DRAWING REVISION	REVISION BY	DATE
G	J. RUPERT	04-13-2023
ECO	APPROVED BY	DATE
ECR-0225020	J. RUPERT	04-13-2023
ECO DESCRIPTION CHANGED TO NEW FORMAT		
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DRAWN BY:	J. AGUILERA
DATE:	12-11-2010
APPROVED BY:	
DATE:	
REFERENCE	
THIRD ANGLE PROJECTION	

REGAL Regal Beloit America, Inc.	
DESCRIPTION	
MODEL-RFHP-42FR OUTLINE	
MATERIAL	PROCESS/FINISH
SIZE DWG NO	953
SHEET	1