

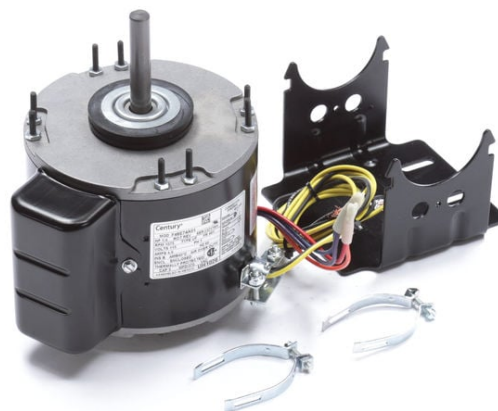
PRODUCT INFORMATION PACKET



Model No: UH1026

Catalog No: UH1026

Unit Heater Motor, 1/4 HP, 1 Ph, 60 Hz, 115 V, 1075 RPM, 1 Speed, 48 Frame, ENCLOSED



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Nameplate Specifications

Phase	1	Output HP	1/4 Hp
Output KW	0.19 kW	Voltage	115 V
Speed	1075 rpm	Service Factor	1
Frame	48Y	Enclosure	Totally Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	4.9 A
Duty	Air Over	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Resilient Ring/Extended Studs	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	7.85 in	Frame Length	3.75 in
Shaft Diameter	0.500 in	Shaft Extension	3.6 in
Connection Drawing	614131-124	Outline Drawing	UH1026-S01

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GENERAL INFORMATION:

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

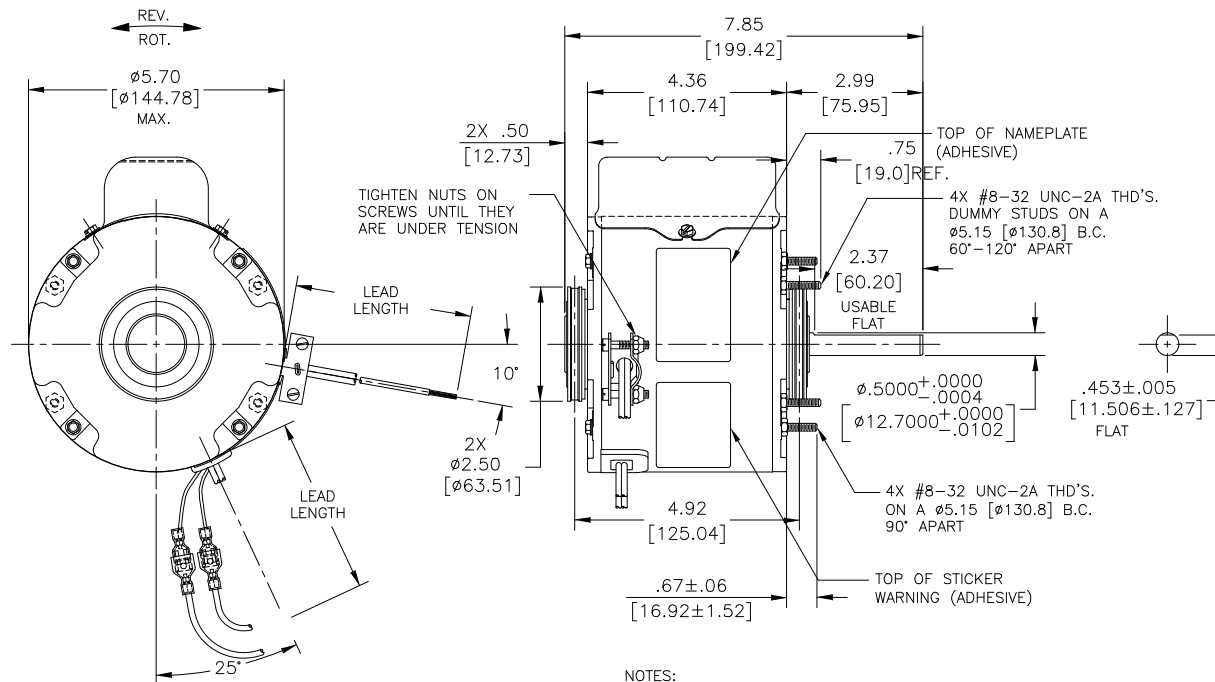
BEARINGS: BALL

MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 036)

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



NOTES:

1. MOTOR SHIPPED CONNECTED FOR CCWLE ROTATION.
2. (1) MOUNTING BASE 368C181H15
(2) CLAMP ASSEMBLIES 165A674A01 TO BE SHIPPED SEPARATELY IN EACH CARTON WITH MOTOR.

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.

MAIN FRAME - OLE	ENCLOSED
END FRAME - OLE	ENCLOSED
MAIN FRAME - LE	ENCLOSED
END FRAME - LE	ENCLOSED
ENCLOSURE	

CUSTOMER	DISTRIBUTION SERVICE
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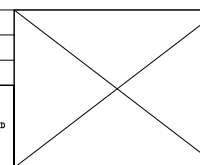
NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48E74A01 CUST. P/N: UH1026 HP: 1/4 ROT.: REVERSIBLE RPM: 1075 TYPE: UF FRAME: 48Y VOLTS: 115 PH: 1 AMPS: 4.9 HZ: 60 INS.: B AMB.: 40° C DUTY: AIR OVER CAP.: 5 MFD/370 V ENCL: ENCLOSED UL LOGO CSA LOGO THERMALLY PROTECTED	SEP. CAP. BROWN BRN/WHT YELLOW BLACK BLUE PURPLE RED ORANGE LINE SHOWN FOR CCWLE ROT. FOR CWLE INTERCHANGE PUR. & ORN. LEADS

614131-124

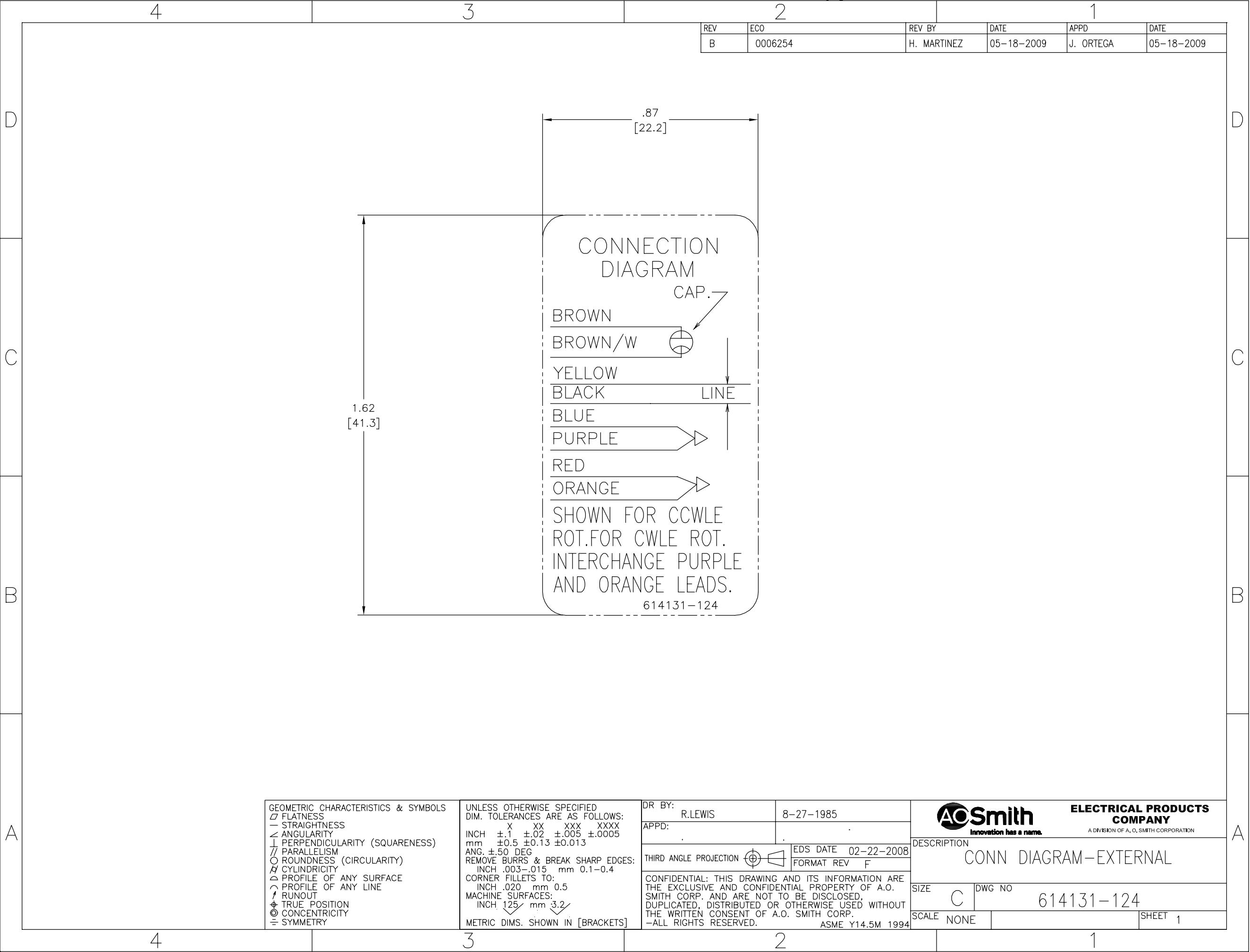
PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
C30977	27.0 OZ. FT.	93AC103A	E46412	PRGY2	LR43341	4211-01

BLUE	5.0/7.0 [127/178]	.50 [12.7] SKIN
PURPLE	5.0/7.0 [127/178]	.50 [12.7] SKIN
ORANGE	5.0/7.0 [127/178]	.50 [12.7] SKIN
RED	5.0/7.0 [127/178]	.50 [12.7] SKIN
BROWN	CONNECTED TO CAPACITOR	.25 [6.4] FLAG
BROWN/WHITE	CONNECTED TO CAPACITOR	.25 [6.4] FLAG
YELLOW	58.0/62.0 [1473/1575]	.60 [15.2] SKIN
BLACK	58.0/62.0 [1473/1575]	.60 [15.2] SKIN
COLOR	LENGTH	TERMINAL OR SUBJET LENGTH
LEAD DATA		

DRAWING REVISION	REVISION BY	DATE
BA	ANJANI	07/16/2025
ECO	APPROVED BY	DATE
ECR-0244365	KEP	07/16/2025
ECO DESCRIPTION		
ADDED DIM FOR DUMMY STUD		
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DRAWN BY: J. CHAI DATE: 06-16-2016	 Regal Beloit America, Inc.		
APPROVED BY: C. ZHANG DATE: 06-16-2016			
PROCESS/FINISH -			
THIRD ANGLE PROJECTION 			
DESCRIPTION		MODEL - RFHP - 48FR OUTLINE	
MATERIAL		-	
SIZE		DWG NO	SHEET
		UH1026	1



REV	ECO	REV BY	DATE	APPD	DATE
B	0006254	H. MARTINEZ	05-18-2009	J. ORTEGA	05-18-2009

GEOMETRIC CHARACTERISTICS & SYMBOLS □ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⌀ CYLINDRICITY △ PROFILE OF ANY SURFACE ⌒ PROFILE OF ANY LINE ↗ RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY ≡ SYMMETRY	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: X XX XXX XXXX INCH ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±50 DEG REMOVE BURRS & BREAK SHARP EDGES: INCH .003-.015 mm 0.1-0.4 CORNER FILLETS TO: INCH .020 mm 0.5 MACHINE SURFACES: INCH 125 mm 3.2 METRIC DIMS. SHOWN IN [BRACKETS]	DR BY: R.LEWIS	8-27-1985	ACSmith Innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION		
		APPD:			DESCRIPTION CONN DIAGRAM-EXTERNAL	
		THIRD ANGLE PROJECTION 	EDS DATE 02-22-2008 FORMAT REV F			
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				SIZE C DWG NO 614131-124		
				SCALE NONE SHEET 1		

