

PRODUCT INFORMATION PACKET



Model No: 048C17D2028

Catalog No: S110

General Purpose Motor, 0.33 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 48 Frame, DP



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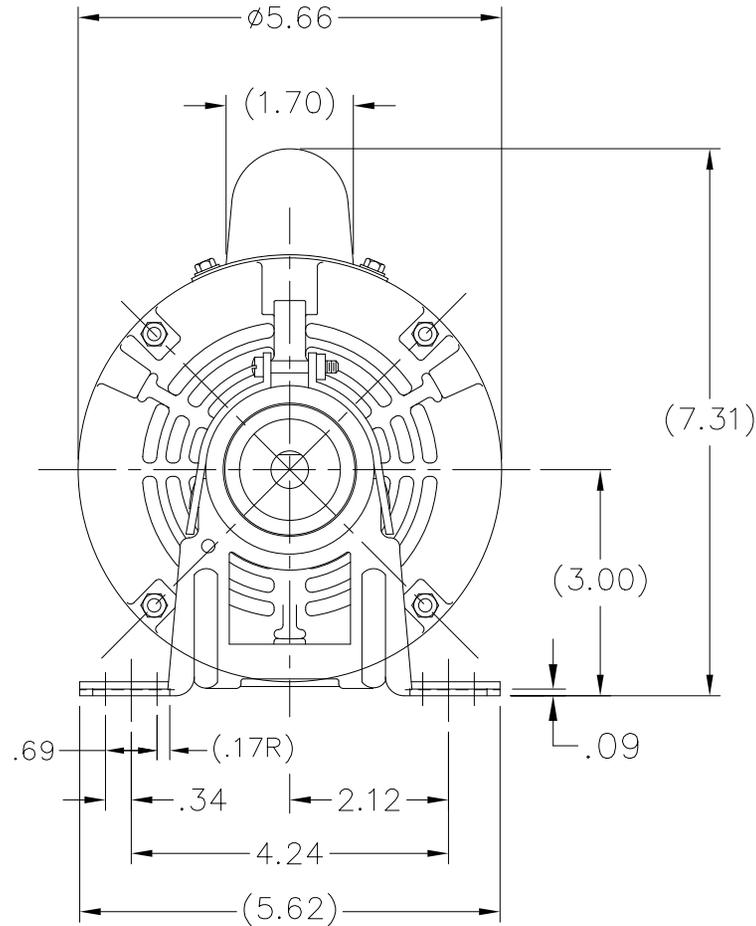
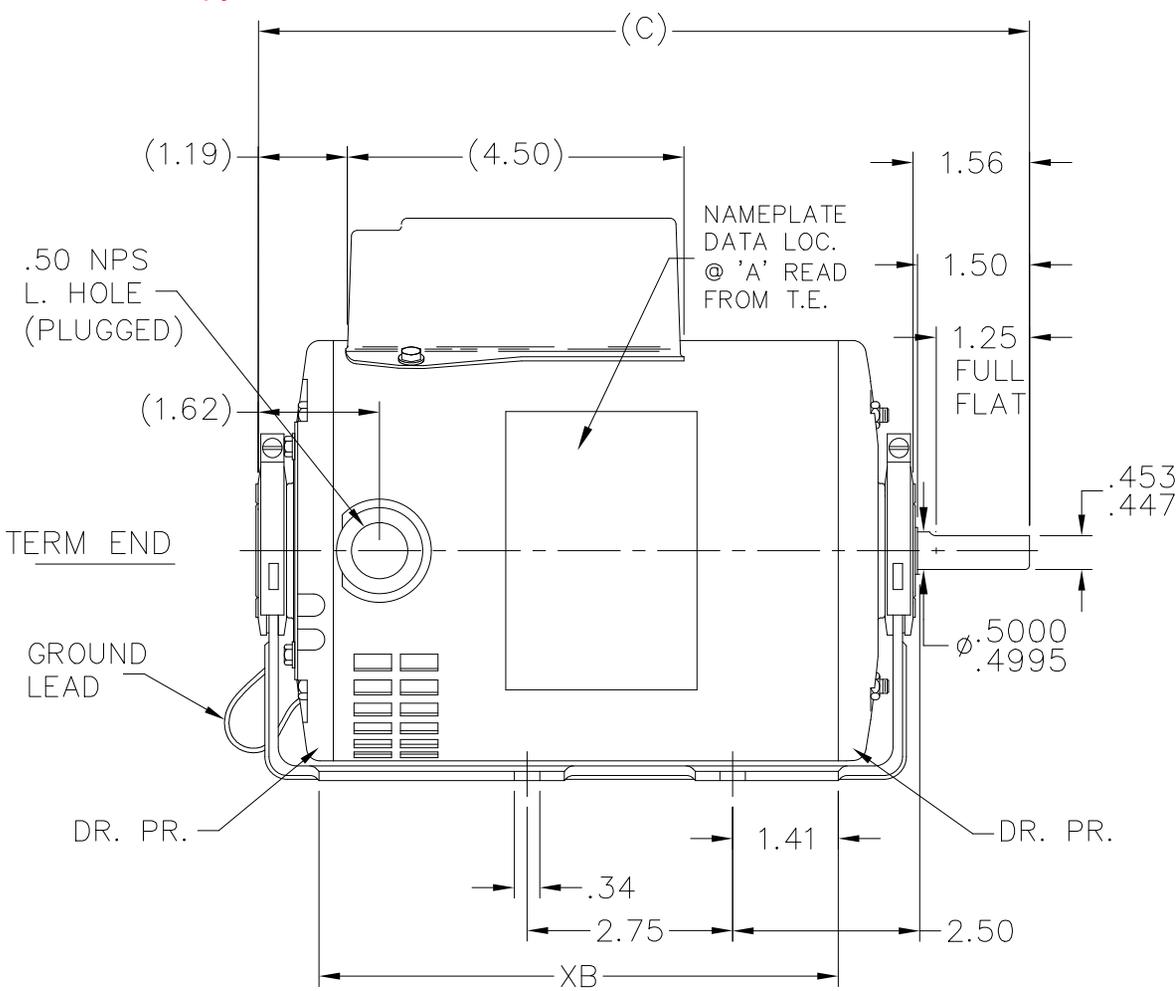


Nameplate Specifications

Phase	1	Output HP	0.33 Hp
Output KW	0.25 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.0
Frame	48	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	59.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	7.0/3.5 A	Power Factor	58.5
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Resilient Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 48	Overall Length	9.31 in
Frame Length	3.75 in	Shaft Diameter	0.500 in
Shaft Extension	1.56 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE9002E	Outline Drawing	A-SS403754-575



DASH	FRAME	C	XB
550	48	9.06	5.69
575	48	9.31	5.94
625	48	9.81	6.44
675	48	10.31	6.94

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"



Regal Beloit America, Inc.

TITLE OUTLINE
48 FR.

MAT'L.

FINISH
CAD FILE SS

DRAWN	SP 08-01-2008
CHK	NB 08-01-2008
APPD	SP 08-01-2008
SCALE	3=8
REF	SS79609
FMF	08-2127
PREV	

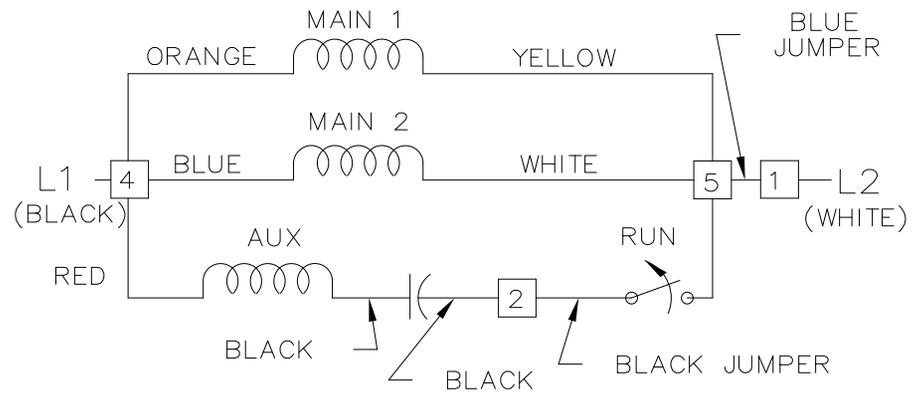
NO.	REVISION	BY & DATE	CHK	ANG
01	CHG FROM MARATHON TO RRX TEMPLATE PER ECR-0233451	MD 5/20/24	DS	.XXXX ±.0005

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RFP
DIST WP

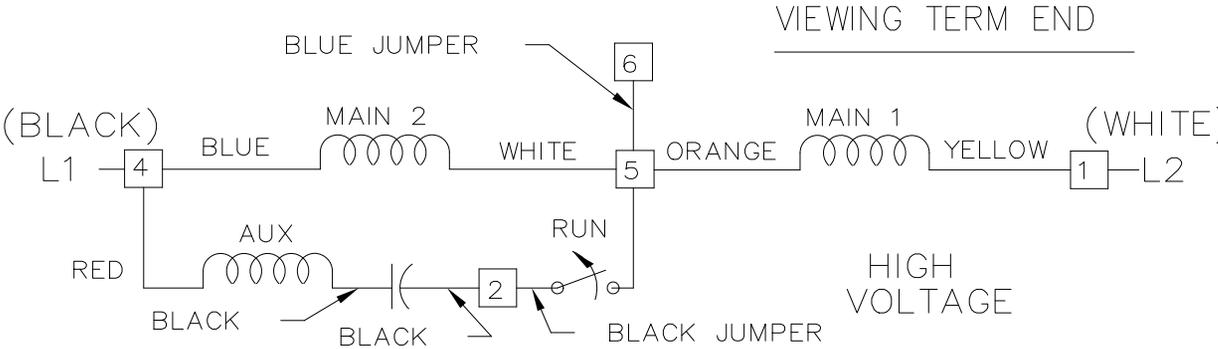
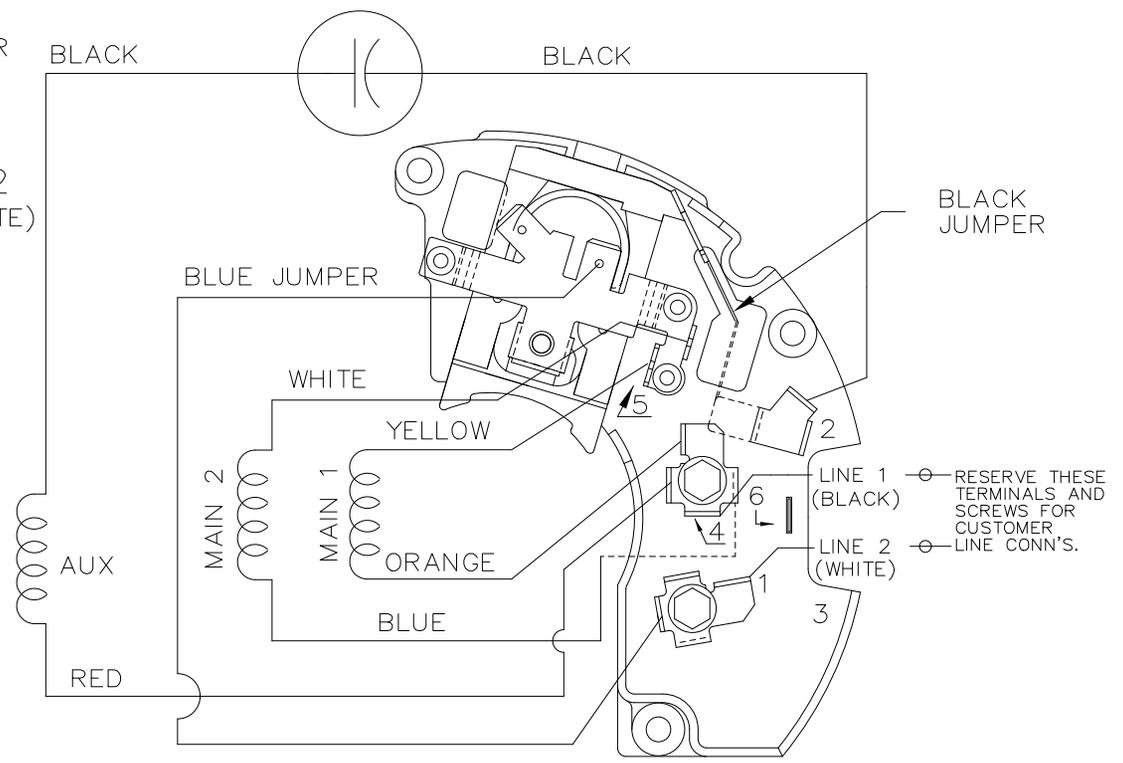
SIZE	DRAWING NO.	PAGE	OF	REV.
A	SS403754			01

4 3 2 1



LOW VOLTAGE

DUAL VOLTAGE CAPACITOR START REVERSIBLE ON TERM BOARD NO OVERLOAD PROTECTION



HIGH VOLTAGE

LOW VOLTAGE CCW ROTATION SHOWN

FOR HIGH VOLTAGE:
CONNECT BLUE TERM 1 TO TERM 6,
CONNECT YELLOW TERM 5 TO TERM 1,
CONNECT ORANGE TERM 4 TO TERM 5.

TO REVERSE ROTATION EITHER VOLTAGE INTERCHANGE RED LEAD WITH BLACK LEAD

VIEWING TERM END

DRAWING REVISION 06	REVISION BY KVDG	REV DATE / DATE 05/06/2025	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.01 [±0.3] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]	DRAWN BY ML	Regal Beloit America, Inc.		
REQUEST NUMBER ECR-0242555	APPROVED BY DS	DATE 05/06/2025	REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45 CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 125/ 3.2 INCH mm	DATE 02-02-1988			
REQUEST NUMBER DESCRIPTION UPDATED THE DRAWING TO RRX TEMPLATE.				APPROVED BY DRN	DESCRIPTION CONNECTION DIAGRAM		
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				REFERENCE EE9002E-LE	MAT'L	PROCESS/FINISH	
			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER EE9002E	SHEET 1 OF 1

4 3 2 1



REGAL REXNORD CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at 230 Volts
60 HZ
0.33 HP

HP 0.33

PHASE 1

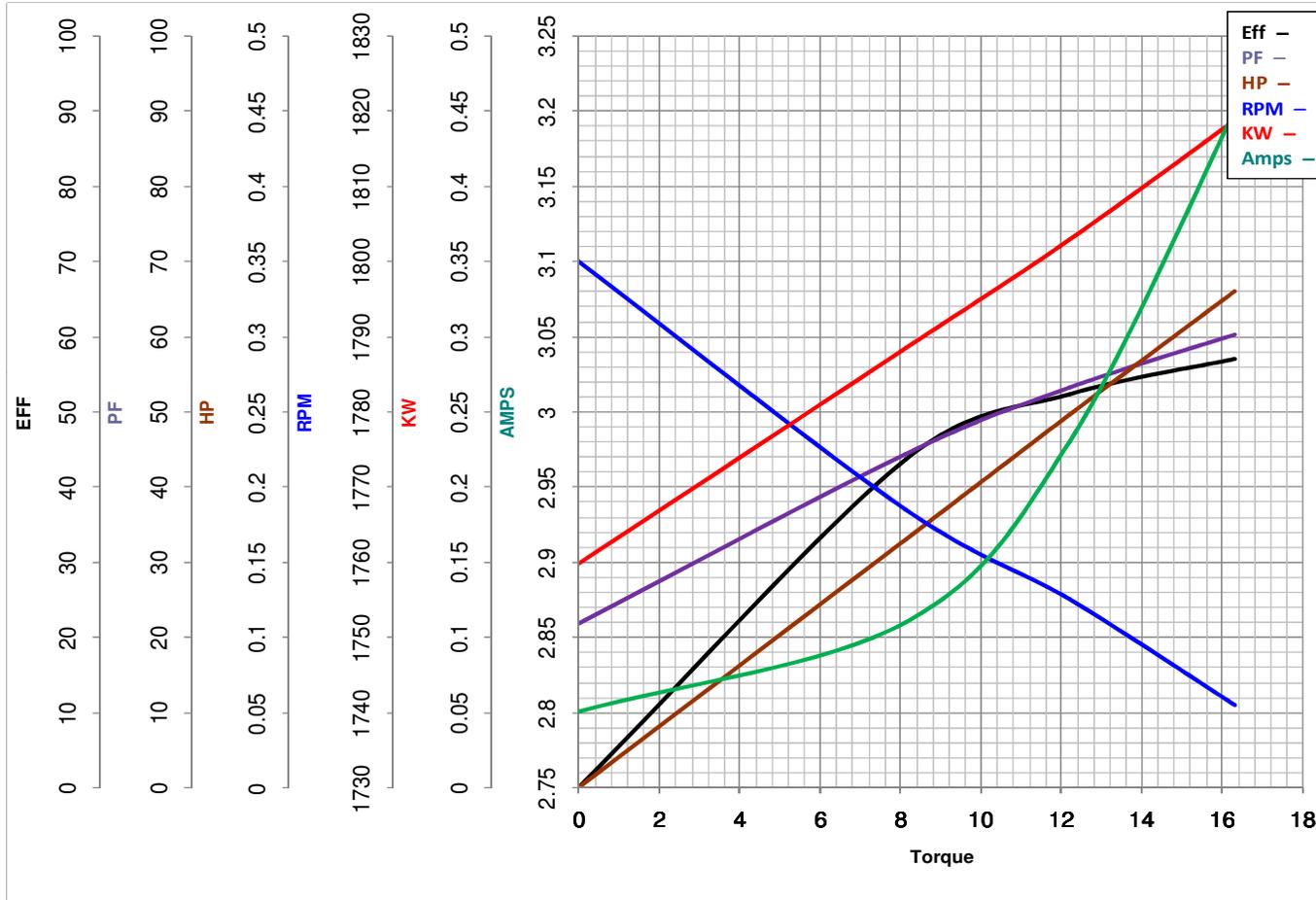
Model No 48C17D2028

VOLTS 115/230

Catalog No S110

HZ 60

RPM 1725



Torque in Oz.Ft

FL TORQUE 16.3 Oz.Ft
BD TORQUE 43.5 Oz.Ft
LR TORQUE 44 Oz.Ft

FL AMPS 7/3.5
PU TORQUE 39.0 Oz.Ft
LR AMPS 13.1

WINDING CE48419-3

Date 1/7/2019