

PRODUCT INFORMATION PACKET



Model No: 117888.00
Catalog No: 117888.00
Auger Drive Motor, 1/2 HP, 1 Ph, 60/50 Hz, 115/208-230 V, 56YZ Frame, TEFC



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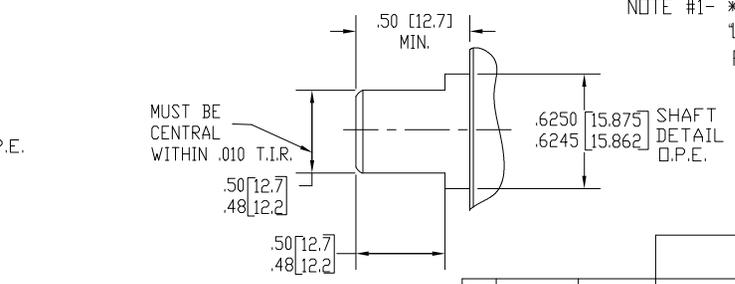
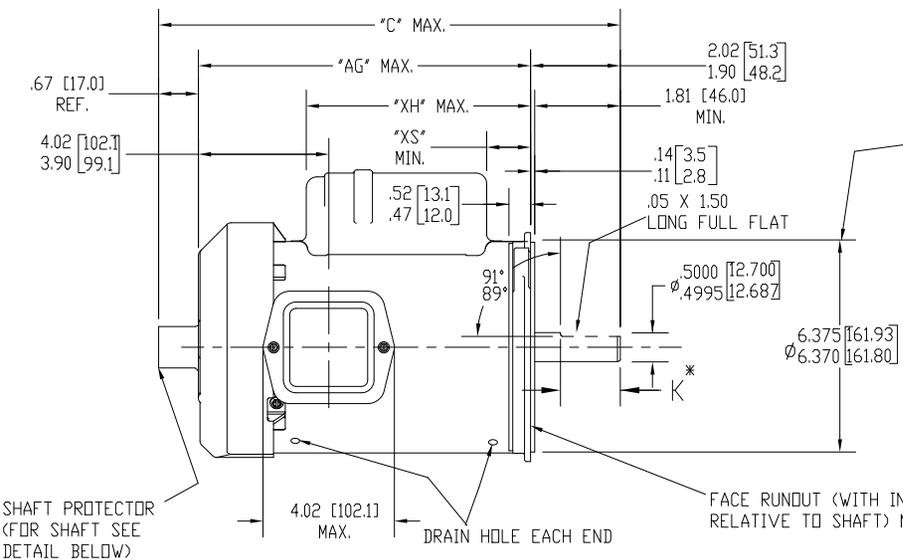
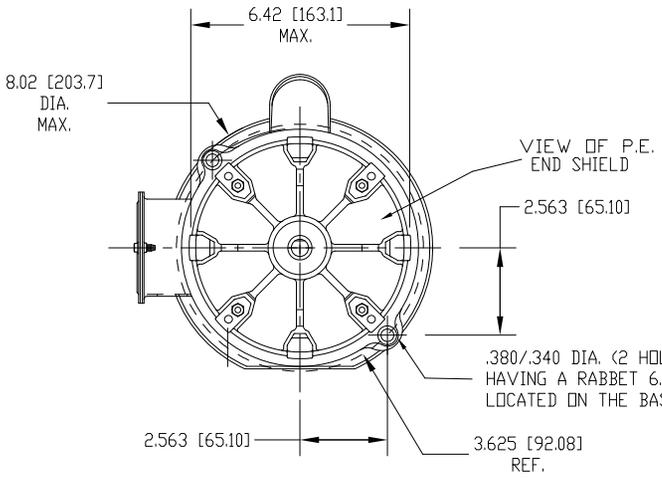
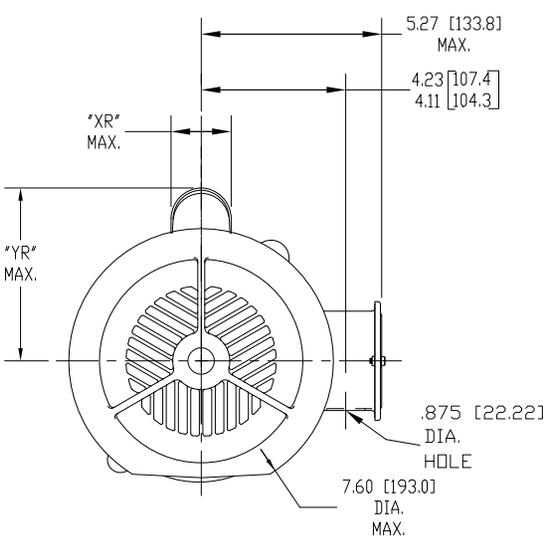
Nameplate Specifications

Phase	1	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	115/208-230 V
Speed	1725/1425 rpm	Service Factor	1.25
Frame	56YZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	8.4/4.0-4.2 A
Power Factor	70.0	Duty	Continuous
Insulation Class	B	KVA Code	M
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise/Clockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Special Extension	Shaft Diameter	0.500 in
Connection Drawing	52A105383BA	Outline Drawing	52A107766P1

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NOTE #1- *CUSTOMER ACTUALLY WANTS A DIMENSION OF K=1.50" MAX "LIKE" 1.50 INCHES PLUS .000/ MINUS .020. FOR MODEL# 117887.00 AND 117888.00

ALL DIMENSIONS ARE IN INCHES

3	KC	46	56NY	13.13	10.42	7.21	5.44	2.40	1.46		7.68
2	KC	46	56NY	12.00	9.29	6.08	4.72	1.60	1.54		6.55
1	KC	46	56NY	12.00	9.29	6.08	5.34	2.22	1.54		6.55
P	TYPE	GE SIZE	NEMA FR.	"C"	"AG"	"XH"	YR	"XR"	"XS"		MIN. SHELL

DRAWING REVISION A	REVISION BY	REV. DATE / DATE
REQUEST NUMBER ECR-0215356	APPROVED BY	DATE
REQUEST NUMBER DESCRIPTION CREATED DRAWING IN CAD AND UPDATED SHAFT KEYWAY		
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TOLERANCES (EXCEPT AS NOTED):
 DEC. INCH mm ANGLE
 .X ± 0.1 (#.3) ± 0.5°
 .XX ± 0.01 (#.03) ± 0.13°
 .XXX ± 0.005 (#.013) ± 0.13°
 .XXXX ± 0.0005 (#.013) ± 0.13°
 REMOVE BURRS & BREAK SHARP EDGES: .003/.015 (.08/.38) X 45°
 CORNER FILLETS: R.02 (.5)
 MACHINED SURFACES: 125/32
 mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY.

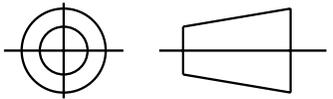
DRAWN BY: SRIKANTH
 DATE: 02/08/2022
 APPROVED BY: PVR
 DATE: 02/08/2022
 REFERENCE: THIRD ANGLE PROJECTION

Regal Rexnord Regal Beloit America, Inc.
 DESCRIPTION: OUTLINE
 SPECIAL PURPOSE MOTOR TEFC - BALL BEARING -2 LUG FLANGE
 FMF: 5KC46JN0076U
 MATERIAL: PROCESS/FINISH:
 SIZE B DRAWING NUMBER: 52A107766 SHEET 1 OF 1



SHEET 1
REV 7
52A105383BA
SIZE DRAWING NO.

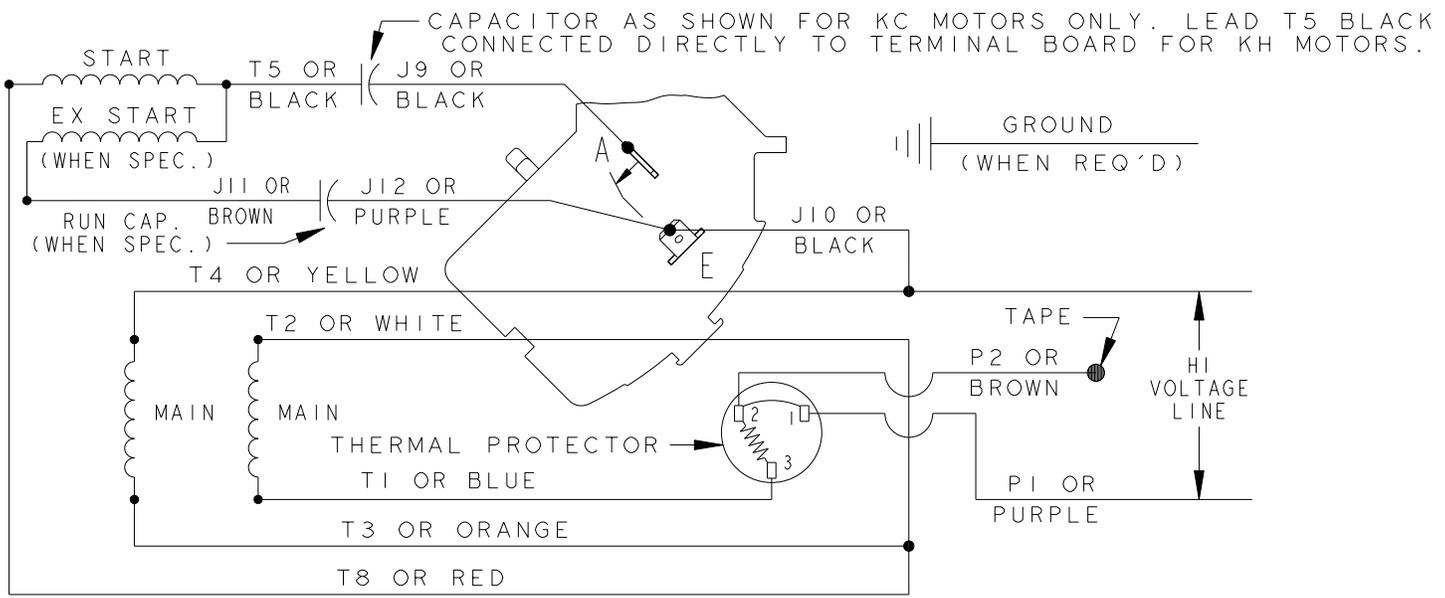
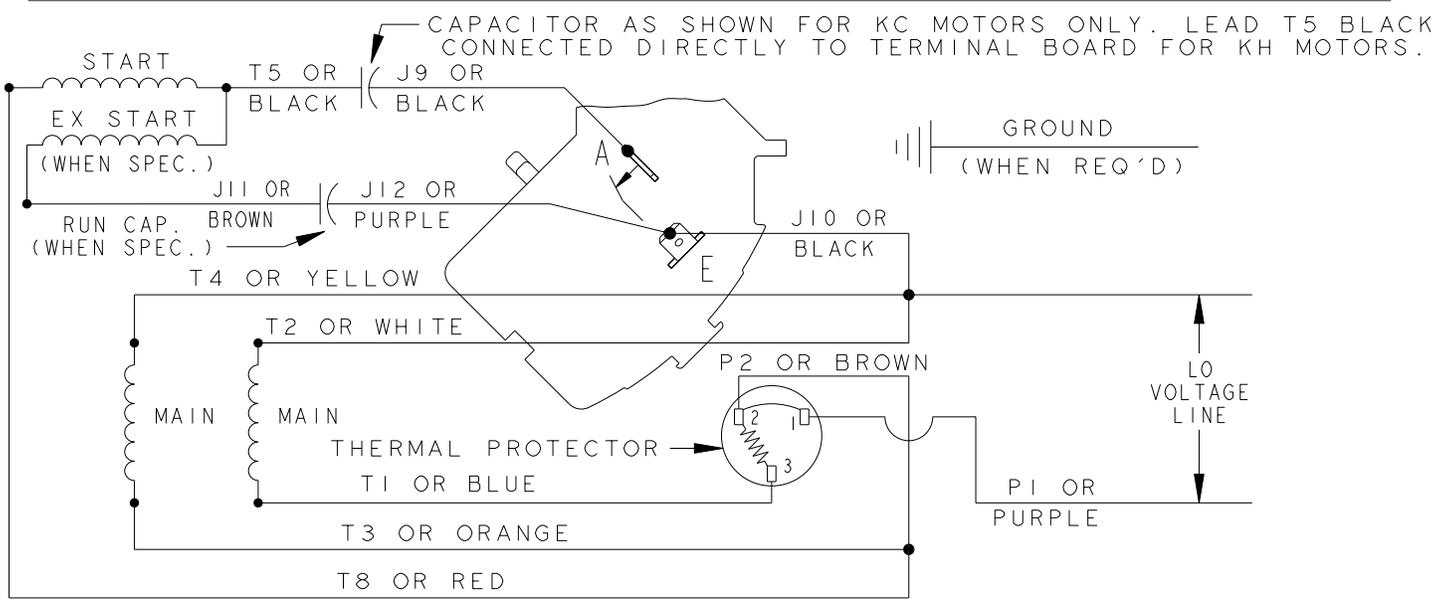
THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
7	UPDATED FORMAT	01/05/06	MAM

CCW/CW ROTATION - DUAL VOLTAGE
TYPE KC , KH OR KCR - WITH THERMAL PROTECTOR



NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AND J10 BLACK LEADS.
NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.
NOTE#3 - 115D958ABP5 - HIGH CURRENT CONTACTS.

SWITCH (C) - 115D958ABP5, SWITCH (H) - 115D958AA (USE 115D958DA FOR EP)

REF. DIAG. - 113A327, 119A9352 & 52A102102 CONNECTION LABEL - 52X332912

SIGNATURES		DATE	<p>REGAL-BELOIT CORPORATION</p>
MODEL	M.D.P.	06/29/87	
DETAIL	.	.	
CHECKED	.	.	
ENGRG	.	.	
TITLE			<p>CONNECTION DIAGRAM</p> <p>FMF: 30 FRAME SWITCH REDESIGN</p>
FOR ADDITIONAL INFO REFER TO:			
APPLIED PRACTICES	QUALITY	.	SIZE DRAWING
DIMENSIONS ARE IN INCHES ✓	ISSUED	M.D.P. 12/11/97	A
MATERIAL	SOLID MODEL: 52A105383BA		SCALE: 1.000
			REF. No: .
			<p>52A105383BA</p> <p>REV 7</p>
			SHEET 1 of 1

