

# PRODUCT INFORMATION PACKET



Model No: 117883.00  
Catalog No: 117883.00  
Auger Drive Motor, 1 HP, 1 Ph, 60/50 Hz, 115/208-230 V, 56YZ Frame, TEFC



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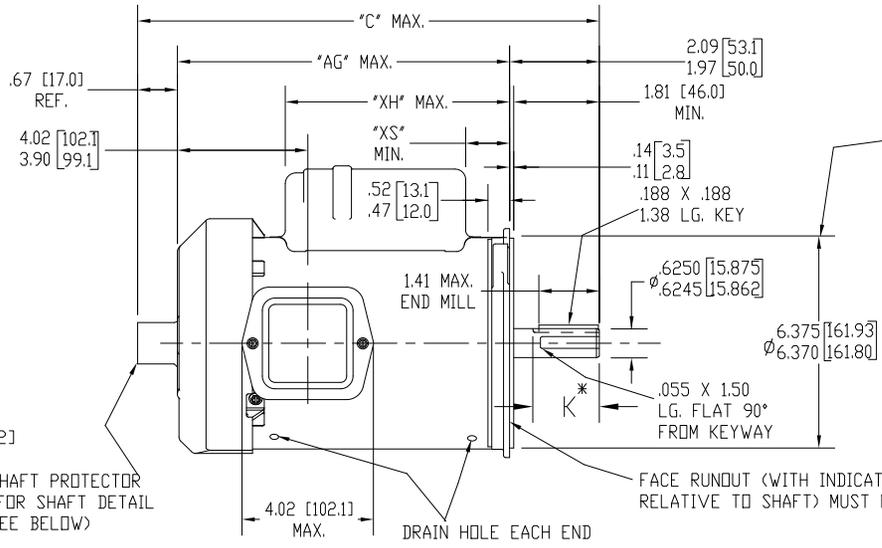
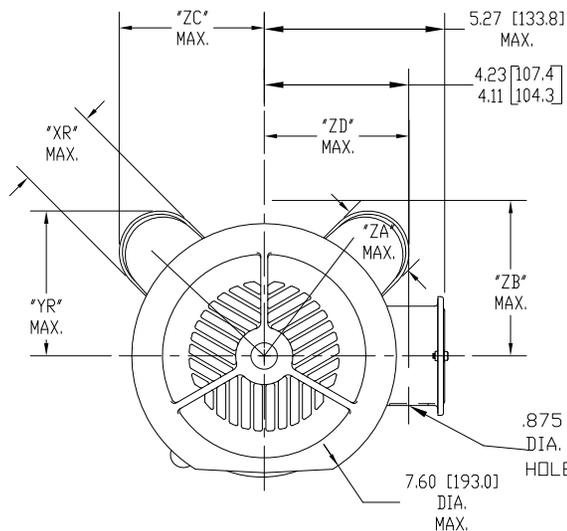
### Nameplate Specifications

Phase	1	Output HP	1 Hp
Output KW	0.75 kW	Voltage	115/208-230 V
Speed	1725/1425 rpm	Service Factor	1
Frame	56YZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Frequency	60/50 Hz	Current	10.8/6.0-5.4 A
Power Factor	78.2	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 Capacitor 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	0.625 in
Connection Drawing	52A105383BA	Outline Drawing	52A107769P1

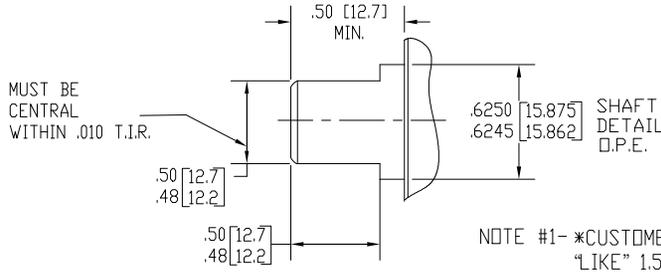
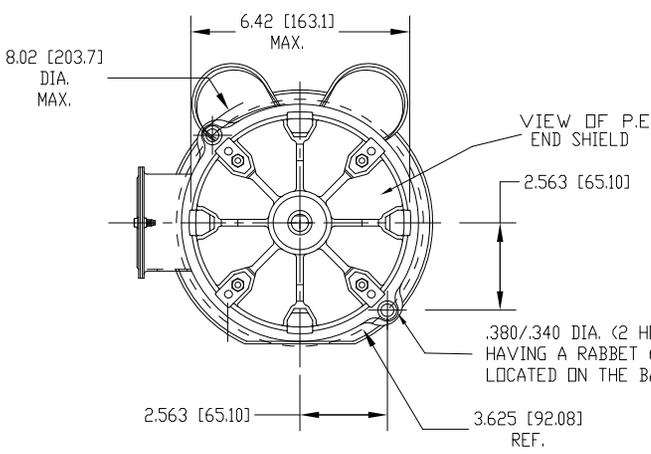
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ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .006 T.I.R.

SHAFT PROTECTOR (FOR SHAFT DETAIL SEE BELOW)

FACE RUNOUT (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .006 T.I.R.



NOTE #1- \*CUSTOMER ACTUALLY WANTS A DIMENSION OF K=1.50" MAX "LIKE" 1.50 INCHES PLUS .000/ MINUS .020. FOR MODEL# 117883.00 AND 117884.00

ALL DIMENSIONS ARE IN INCHES

1	KCR	49	56NY	14.51	11.73	7.77	4.68	2.15	2.02	2.72	5.27	3.20	3.66	8.99
P	TYPE	GE SIZE	NEMA FR.	"C"	"AG"	"XH"	"YR"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL

REVISION B	REVISION BY	SN	REV DATE/ DATE	4/8/2022
REQUEST NUMBER ECR-0216854	APPROVED BY	SN	DATE	4/8/2022
REQUEST NUMBER DESCRIPTION UPDATED SHAFT DIAMETER				
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TOLERANCES (EXCEPT AS NOTED):  
DEC. INCH mm ANGLE  
X ± .01 ± .3 0.5°  
.XX ± .001 (+/- 0.3)  
.XXX ± 0.005 (+/- 0.13)  
.XXXX ± 0.0005 (+/- 0.013)  
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 (.08/.38) X 45°  
CORNER FILLETS: R.02 (.5)  
MACHINED SURFACES: 125/32

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: 5KCR49UN0079U

MATERIAL: \_\_\_\_\_ PROCESS/FINISH: \_\_\_\_\_

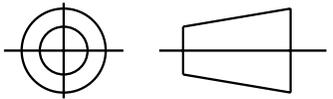
THIRD ANGLE PROJECTION

SIZE B DRAWING NUMBER: 52A1077679 SHEET 1 OF 1



SHEET 1  
REV 7  
52A105383BA  
SIZE DRAWING NO.

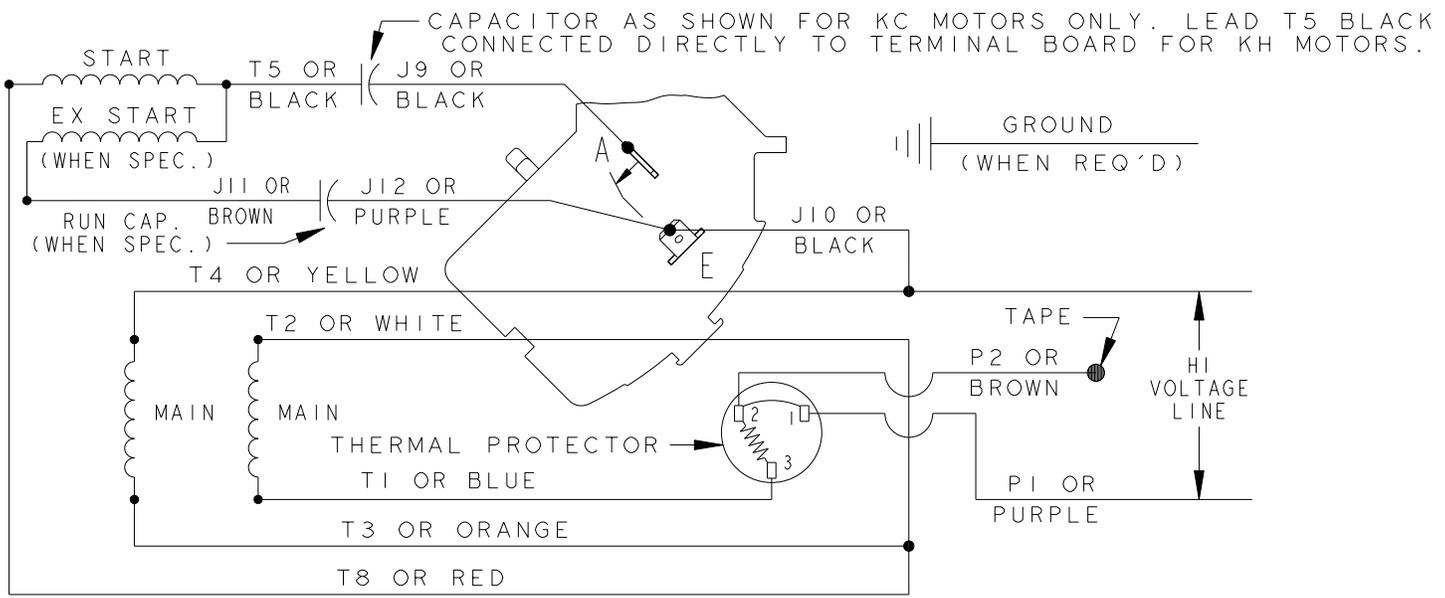
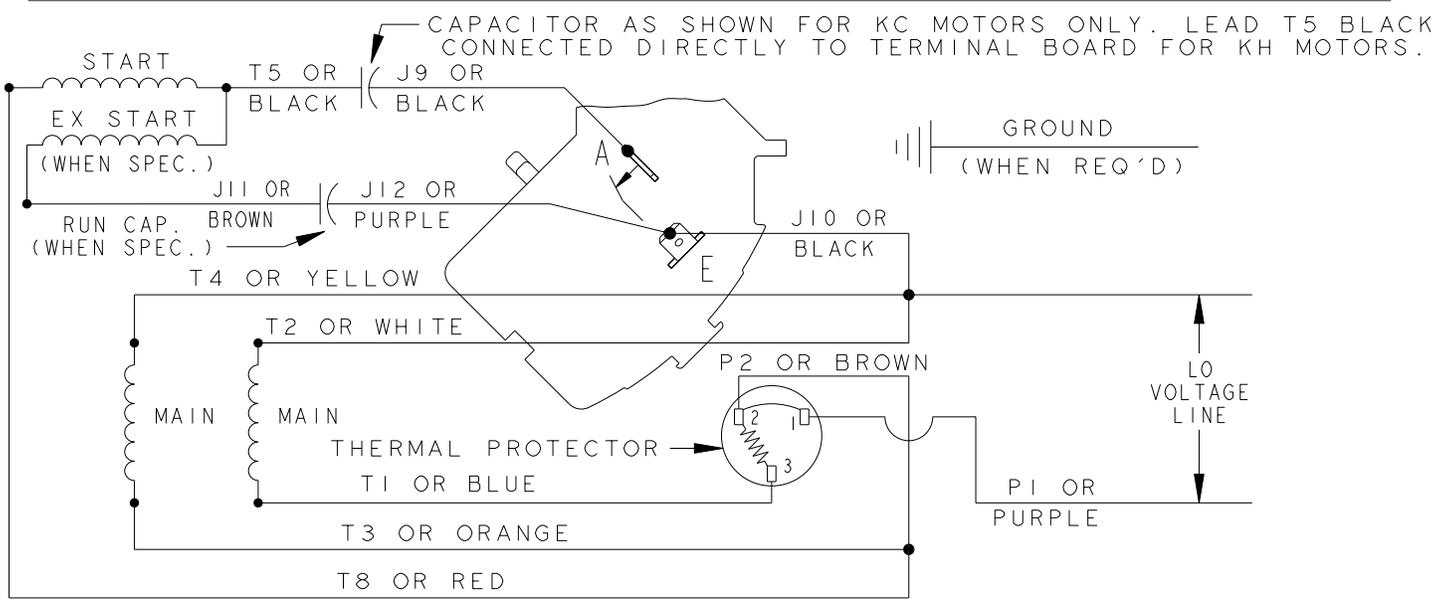
THIRD ANGLE PROJECTION



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

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

