

PRODUCT INFORMATION PACKET



Model No: 117884.00
Catalog No: 117884.00
Auger Drive Motor, 1.5 HP, 1 Ph, 60 Hz, 115/208-230 V, 56NY Frame, TEFC



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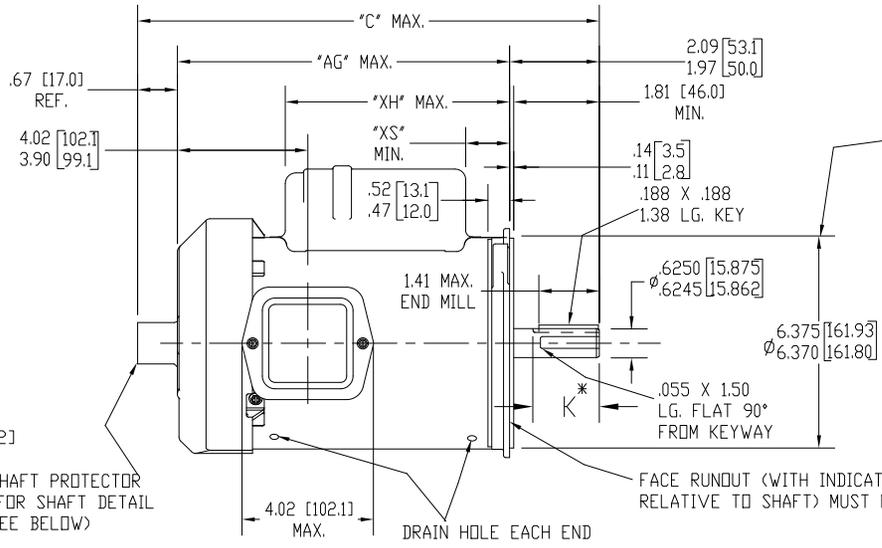
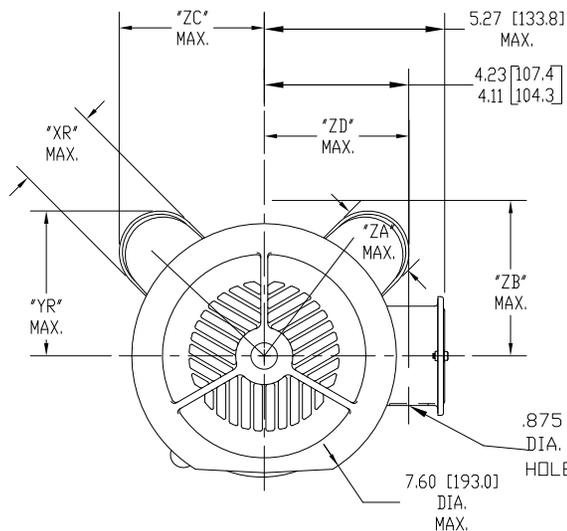
Nameplate Specifications

Phase	1	Output HP	1.5 Hp
Output KW	1.1 kW	Voltage	115/208-230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56NY	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Frequency	60 Hz	Current	14.5/7.1-7.3 A
Power Factor	85	Duty	Continuous
Insulation Class	B	KVA Code	K
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
Outline Drawing	52A107769P1	Connection Drawing	52A110583AE

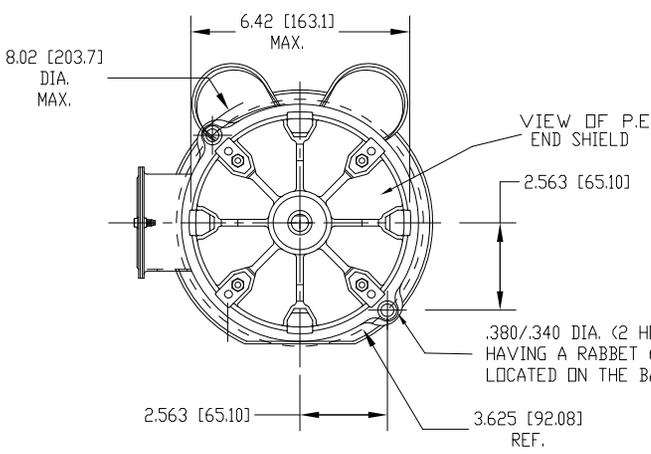
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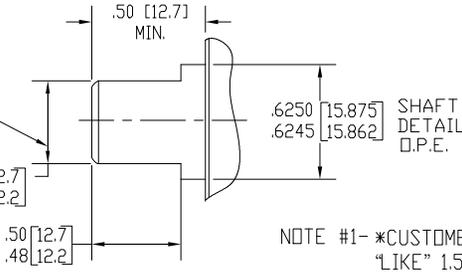
ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .006 T.I.R.

SHAFT PROTECTOR (FOR SHAFT DETAIL SEE BELOW)

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



MUST BE CENTRAL WITHIN .010 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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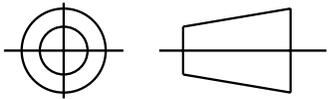
TOLERANCES (EXCEPT AS NOTED):
 DEC. INCH mm ANGLE
 .X ± 0.1 ± 3°
 .XX ± 0.01 (+/- 0.3)
 .XXX ± 0.005 (+/- 0.13)
 .XXXX ± 0.0005 (+/- 0.013)
 REMOVE BURRS & BREAK SHARP EDGES: .003/.015 (.08/.38) X 45°
 CORNER FILLETS: R.02 (.5)
 MACHINED SURFACES: 125/32

DRAWN BY SRIKANTH
 DATE 02/08/2022
 APPROVED BY PVR
 DATE 02/08/2022
 REFERENCE MATERIAL PROCESS/FINISH
 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: _____
 SIZE B DRAWING NUMBER: 52A1077679 SHEET 1 OF 1

SHEET 1
REV 0
52A110583AE
SIZE DRAWING NO. A

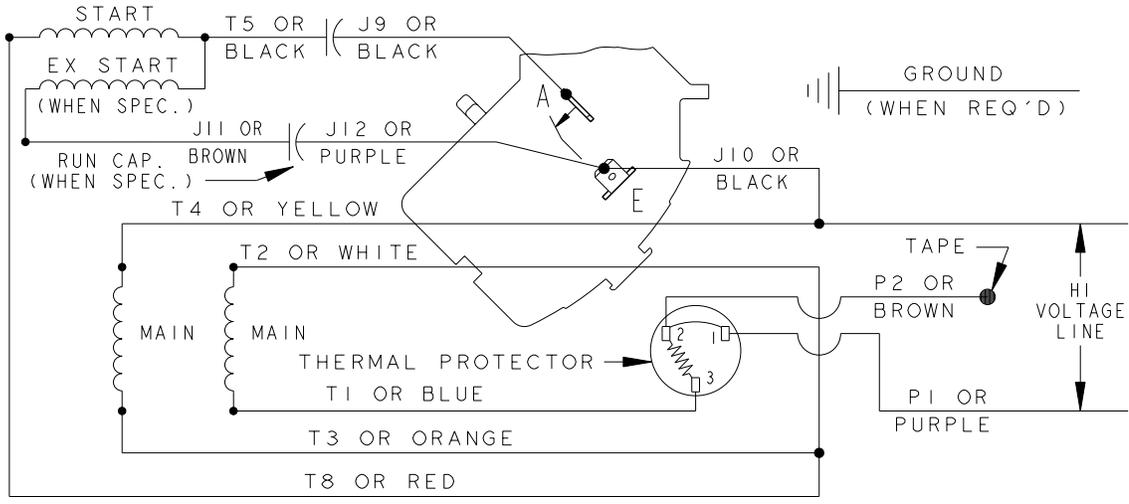
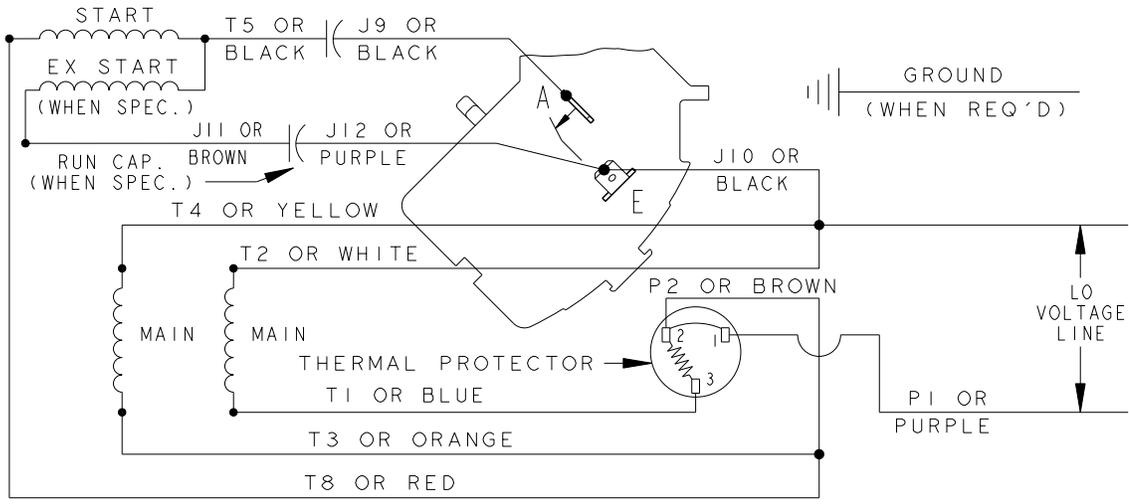
THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED

CW ROTATION SHAFT END - DUAL VOLTAGE
TYPE CAP START 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.

REF. - 52A105383BA
SWITCH - 115D958AB
CONNECTION LABEL - 52X332912

SIGNATURES	DATE
MODEL MADHU	10/29/09
DETAIL
CHECKED
ENGRG
MFG
QUALITY
ISSUED MADHU	10/29/09

FOR ADDITIONAL INFO REFER TO:
 APPLIED PRACTICES .
 DIMENSIONS ARE IN INCHES ✓
 MATERIAL . SOLID MODEL: 52A110583AE



REGAL-BELOIT CORPORATION

TITLE		CONNECTION DIAGRAM	
SIZE	DRAWING	52A110583AE	REV
A			0
SCALE: 1.000	REF. No: .	SHEET 1 of 1	

