

PRODUCT INFORMATION PACKET



Model No: 048S34S361

Catalog No: O100

Fan and Blower Motor, 0.14 HP, 1 Ph, 60 Hz, 115 V, 3600 RPM, 48MZ Frame, SEMI ENCLOSED



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Nameplate Specifications

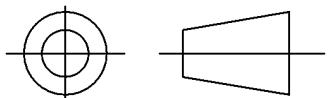
Phase	1	Output HP	0.14 Hp
Output KW	0.11 kW	Voltage	115 V
Speed	3450 rpm	Service Factor	1.0
Frame	48MZ	Enclosure	Semi Enclosed
Thermal Protection	Manual	Efficiency	46.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.3 A	Power Factor	65
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	V
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	10
Number of Speeds	1		

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	2	Rotation	Selective Clockwise
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	7.70 in	Shaft Diameter	0.500 in
Shaft Extension	1.84 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	52A107152P6	Connection Drawing	52A105379CA

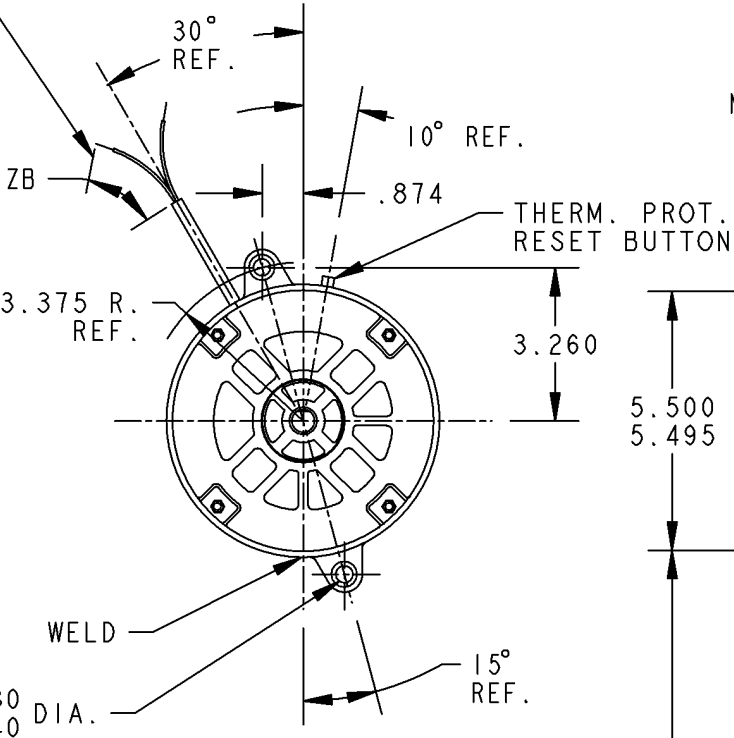
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THIRD ANGLE PROJECTION

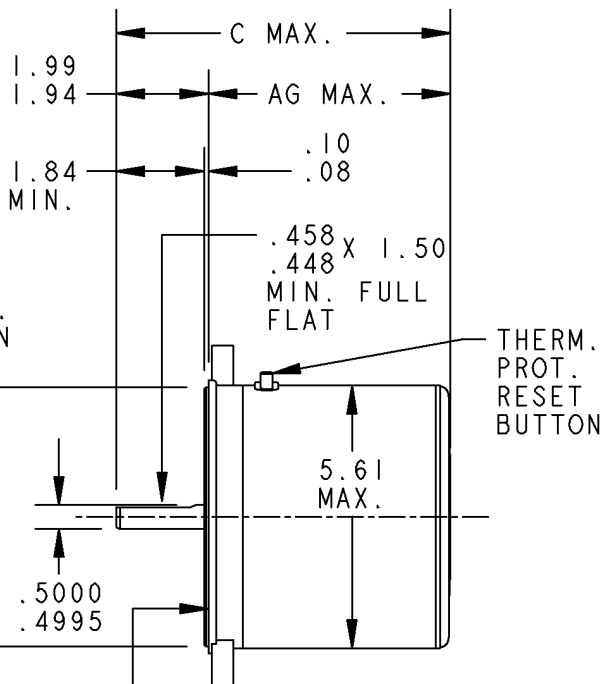


REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
3	CUST. HOLES WERE .380/.365 T195-21666	02/24/95	M.D. PAPE
4	ADDED PART #6	01/28/05	DURGA
5	CHG TO RBC FORMAT PER ISO5-1777	02/21/06	SUDHA

#18 SO CORD "ZA" LONG
W/2 LEADS W/"ZC" B.W.S.

(2 HOLES). THESE HOLES FIT
A GAGE HAVING A RABBIT
5.5005 DIA. AND 2 PINS .3309
DIA. LOCATED ON THE BASIC
HOLE POSITIONS.



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

6	39	KH	48M	5.69	7.70	25.00/23.00	4.25/3.75	.69 REF.	4.63
5	39	KH	48M	5.49	7.50	11.50/9.50	4.25/3.75	.69/.57	4.43
4	39	KH	48M	5.49	7.50	10.00/8.00	5.25/4.75	.50 REF.	4.43
3	39	KH	48M	5.14	7.15	25.00/23.00	4.25/3.75	.69 REF.	4.09
2	39	KH	48M	5.14	7.15	10.00/8.00	5.25/4.75	.50 REF.	4.09
1	39	KH	48M	5.14	7.15	11.50/9.50	4.25/3.75	.69/.57	4.09
P	GE SIZE	TYPE	NEMA FR	AG	C	ZA	ZB	ZC	SHELL REF.

SIGNATURES

DATE

MODEL B. JOHNSON 06/12/91

DETAIL . .

CHECKED . .

ENGRG . .

MFG . .

QUALITY . .

ISSUED B.L.J. 06/12/91

FOR ADDITIONAL INFO REFER TO:

APPLIED
PRACTICES

DIMENSIONS ARE IN INCHES

MATERIAL

SOLID MODEL: 52A107152



REGAL-BELOIT CORPORATION

TITLE

OUTLINE

OIL BURNER MOTOR - TWO LUG FLANGE MOUNTED -

SLEEVE OR BALL BEARING - THERMALLY PROTECTED FMF: 5KH39BN5008JY

SIZE DRAWING

A

52A107152

REV

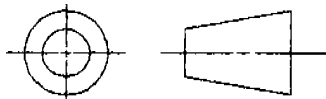
5

SCALE: 0.250 REF. No: .

SHEET 1 of 1

SIZE DWG NO 52A105379CA

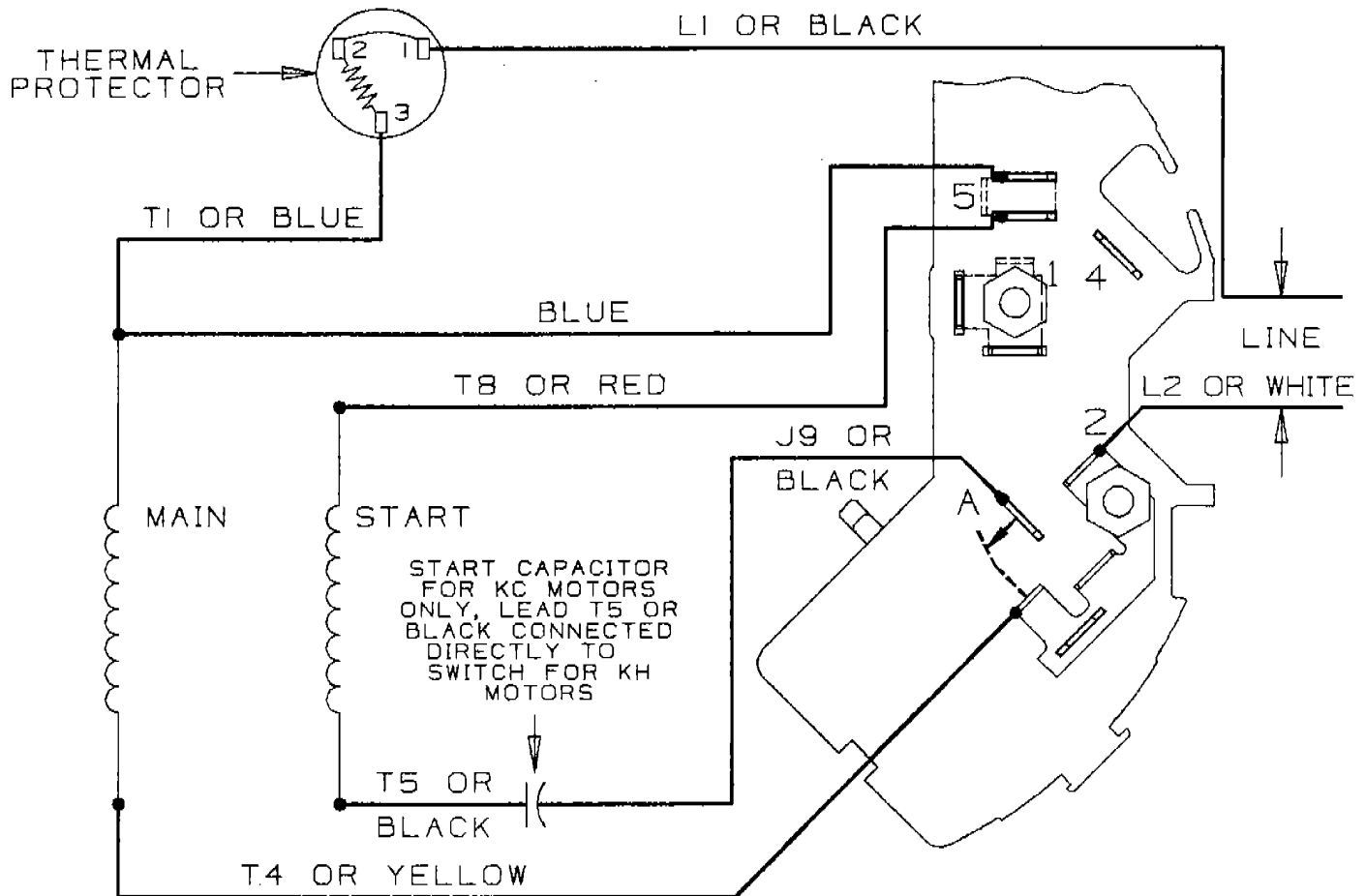
THIRD ANGLE PROJECTION



REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	REVISED BOARD OUTLINE	03/28/88	M.D.PAPE

EITHER ROTATION W/LEADS OUT - SINGLE VOLTAGE
TYPE KC OR KH WITH
THERMAL PROTECTOR



NOTE #1 - TO REVERSE ROTATION INTERCHANGE RED (T8) AND BLACK (J9-KC OR T5-KH) LEADS.

NOTE #2 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

SWITCH (C) - 115D958AB

REF. DIAG. - NONE

CONNECTION LABEL - 52X332078

UNLESS OTHERWISE SPECIFIED

SIGNATURES

DATE

DIMENSIONS ARE IN INCHES

DRAWN M.D.PAPE

02/02/88

TOLERANCES ON:

CHECKED

2 PL DECIMALS ±

ENGRG

3 PL DECIMALS ±

ISSUED M.D.PAPE

02/02/88

FILES ±

CTIONS ±

APPLIED PRACTICES:

CAD NO.

F30:A105379CA

SIZE FSCM NO

A 9226

DWG NO

52A105379CA

MATERIAL:

FILE D-57

SCALE 1:1

SHEET 1 OF 1

GENERAL



ELECTRIC

MOTOR BUSINESS GROUP

FORT WAYNE, INDIANA

TITLE

CONNECTION DIAGRAM

FMF - 5KH39BN5010GY

DISTR TO C7,B12,F114(3),F107(M),C1,J10,J11