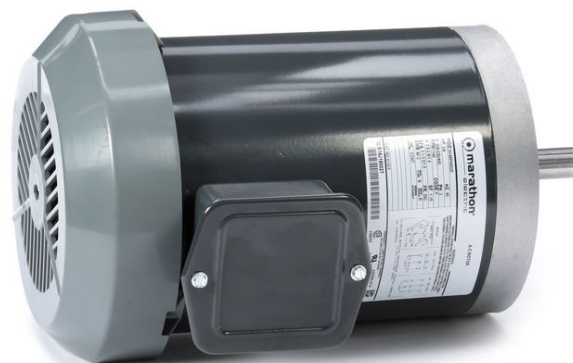


# PRODUCT INFORMATION PACKET

Model No: 5K49PN6025

Catalog No: K1317

General Purpose Motor, 0.75 HP, 3 Ph, 60 Hz, 208-230/460 V, 1200 RPM, 56C Frame, TEFC



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**Nameplate Specifications**

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.9-2.8,1.4 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>76.1 %</b>	Power Factor	<b>0</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>K</b>
Frame	<b>56C</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6203</b>	Opp Drive End Bearing Size	<b>6203</b>
UL	<b>Recognized</b>	CSA	<b>Yes</b>
CE	<b>N</b>	Number of Speeds	<b>1</b>

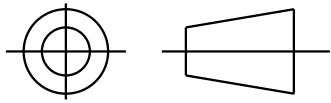
**Technical Specifications**

Electrical Type	<b>Three Phase</b>	Starting Method	<b>N/R</b>
Poles	<b>6</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>12.44 in</b>
Frame Length	<b>7.15 in</b>	Shaft Diameter	<b>0.630 in</b>
Shaft Extension	<b>1.88 in</b>		
Outline Drawing	<b>52A107814P3</b>	Connection Drawing	<b>113A930FIG2</b>

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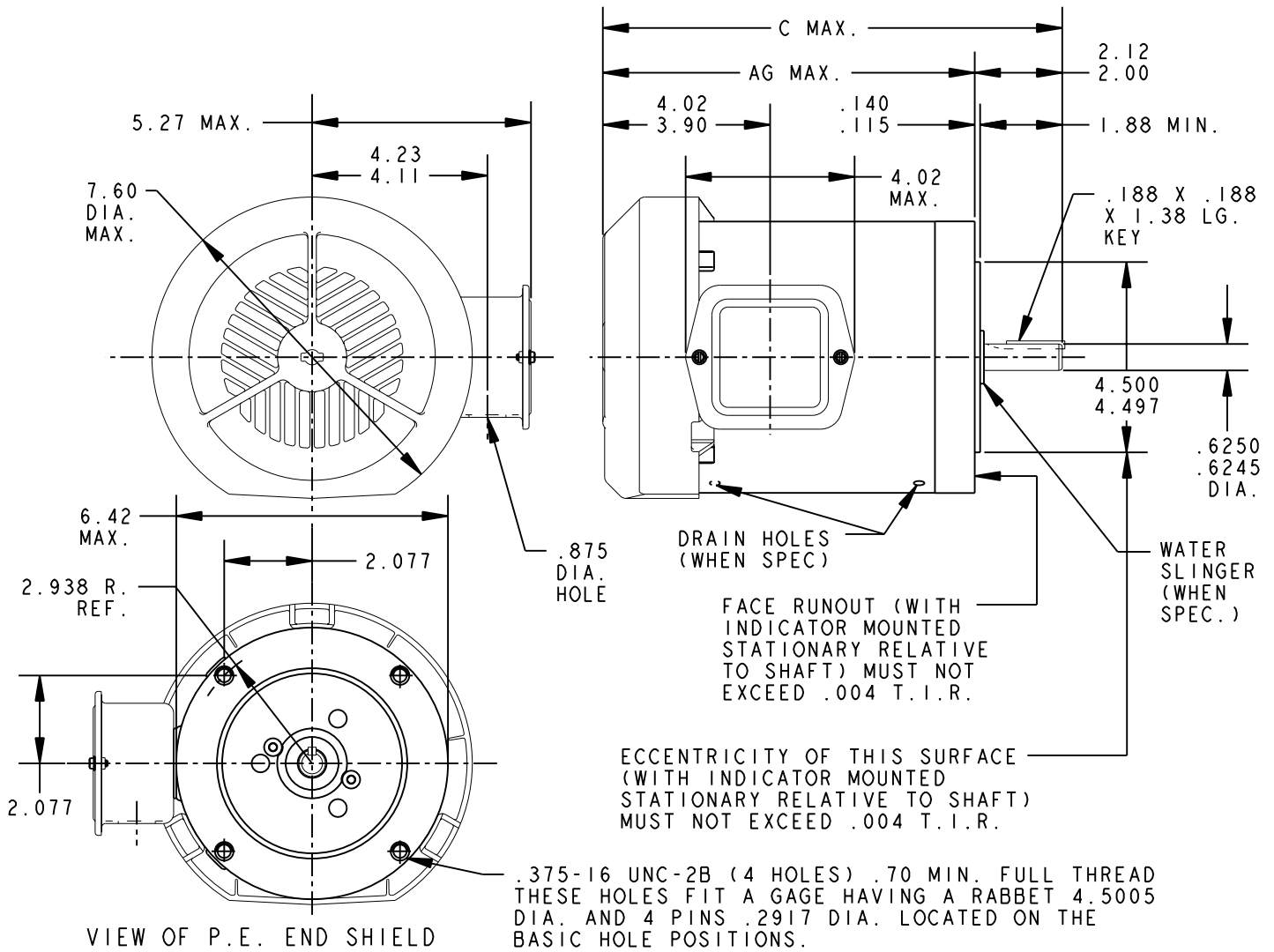
SHEET 1  
 REV 8  
 SIZE 52A107814  
 DRAWING NO. A

THIRD ANGLE PROJECTION




REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
7	ADDED PART #6.	09/13/94	M.A.M.
8	CHG TO RBC FORMAT PER ISO5-1777	03/03/06	SUDHA



5	K	49	56C	12.97	10.85	7.68								
4	K	46	56C	11.84	9.72	6.55								
3	K	49	56C	12.44	10.32	7.15								
2	K	42	56C	11.01	8.89	5.72								
I	K	49	56C	11.44	9.32	6.15	6	K	49	56C	10.63	8.51	5.34	
P	TYPE	GE SIZE	NEMA FR.	C	AG	MIN. SHELL	P	TYPE	GE SIZE	NEMA FR.	C	AG	MIN. SHELL	

SIGNATURES		DATE	 <b>REGAL-BELOIT CORPORATION</b>
MODEL	B. JOHNSON	09/11/92	
DETAIL	.	.	
CHECKED	.	.	
ENGRG	.	.	
FOR ADDITIONAL INFO REFER TO:			<b>TITLE</b> <b>OUTLINE</b> <b>FMF - 40 FRAME REDESIGN - 5K49GN2008</b> <b>GENERAL PUPPOSE MOTOR - TEFC - BALL BEARING - R2 END MOUNTED</b>
APPLIED PRACTICES	QUALITY	.	
DIMENSIONS ARE IN INCHES ✓	ISSUED	M.D. PAPE 07/28/94	
MATERIAL	SOLID MODEL: 52A107814		
SCALE: 0.250		REF. No: .	<b>52A107814</b> REV <b>8</b>
			SHEET 1 of 1

SHEET —  
 REV 2  
 113A930FIG2  
 SIZE DRAWING NO. A

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REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER ISO5-1777	06/15/06	MADHU
2	RENAMED 113A930_FIG_2 TO 113A930FIG2 PER ISO7-0972	05/08/07	MADHU

THIRD ANGLE PROJECTION

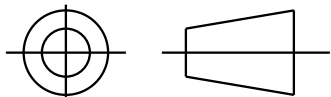
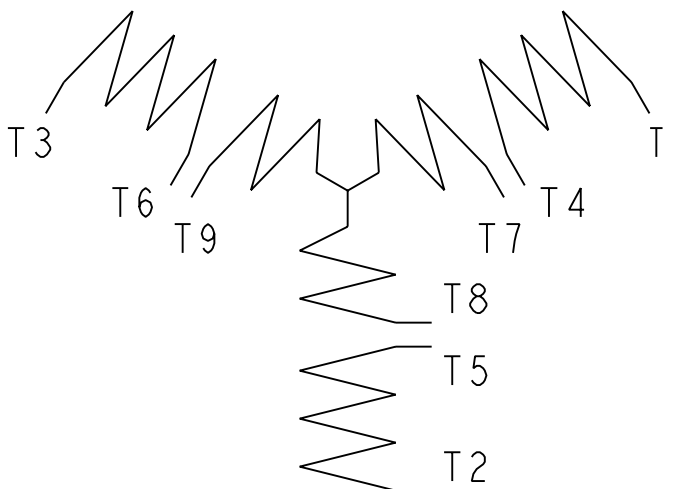


FIG. 2

3 PHASE



	VOLTS	L1	L2	L3	TOGETHER
2Y	LOW	1-7	2-8	3-9	4-5-6
1Y	HIGH	1	2	3	4-7, 5-8, 6-9

BRAKE MOTORS: CONNECT BRAKE LEADS B1 & B2 TO MOTOR LEADS T7 & T8.

FOR ADDITIONAL INFO REFER TO:	SIGNATURES	DATE
APPLIED PRACTICES	MODEL M. D. PAPE	02/25/03
DIMENSIONS ARE IN INCHES	DETAIL . . .	
TOLERANCE ON: 1 PL DECIMALS ± 0.1 2 PL DECIMALS ± 0.02 3 PL DECIMALS ± 0.005 ANGLES ± 1.0 FRACTIONS ±	CHECKED . . .	
	ENGRG . . .	
	MFG . . .	
	QUALITY . . .	
FINISH ✓	ISSUED M. D. PAPE	02/25/03
MATERIAL	SOLID MODEL: 113A930FIG2	



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

SIZE A	DRAWING	113A930FIG2	REV 2
SCALE: 1.000	REF. No: .	SHEET 1 of 1	