

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 5K49PN6022

Catalog No: K1326

.75 HP General Purpose Motor, 3 phase, 1200 RPM, 208-230/460 V, 56C Frame, TEFC  
Three Phase TEFC Motors



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**REGAL**



**Nameplate Specifications**

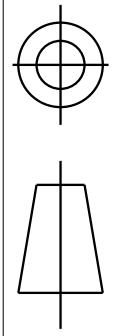
Output HP	<b>.75 Hp</b>	Output KW	<b>.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.9-2.8 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>76.1 %</b>	Power Factor	<b>0</b>
Duty	<b>CONT</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>K</b>
Frame	<b>56C</b>	Enclosure	<b>TEFC</b>
Thermal Protection	<b>N/R</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>Y</b>
CE	<b>N</b>		

**Technical Specifications**

Electrical Type	<b>Three Phase</b>	Starting Method	<b>N/R</b>
Poles	<b>6</b>	Rotation	<b>CCW/CW</b>
Mounting	<b>WB</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Overall Length	<b>12.44 in</b>	Frame Length	<b>7.15 in</b>
Shaft Extension	<b>.625 X 1.88 - .188 X .188 KEY in</b>		

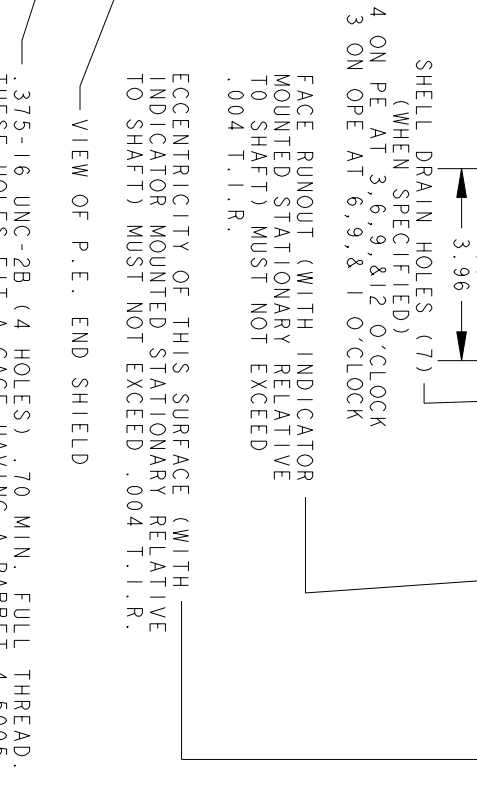
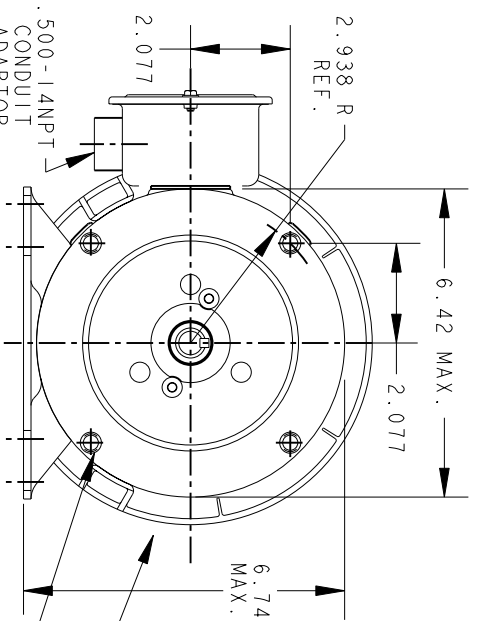
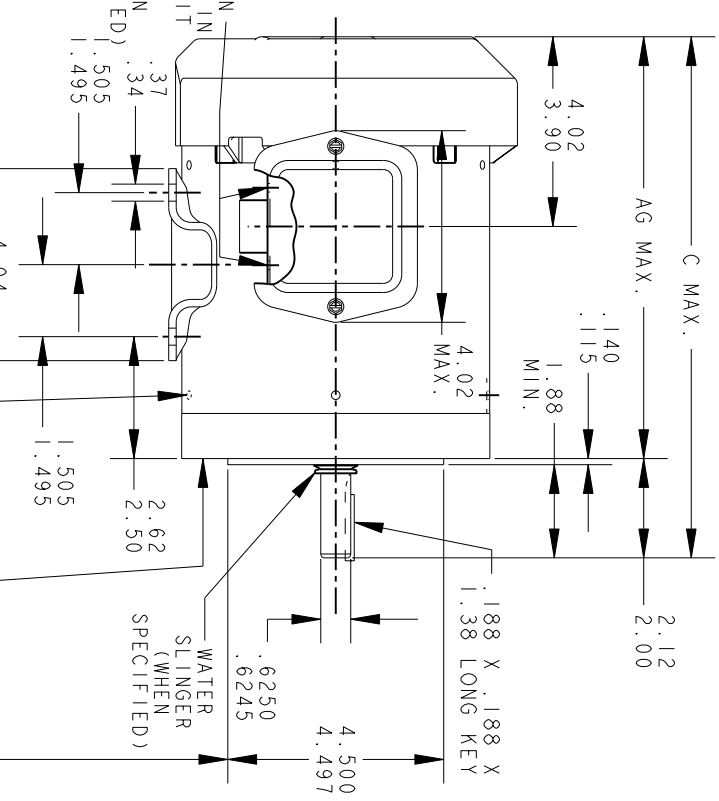
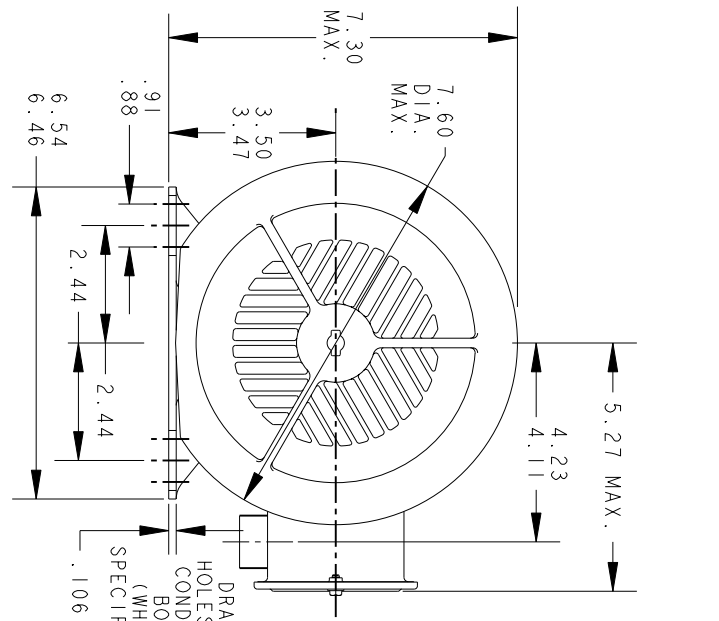
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THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
2	CHANGES PER T199-24, 654.	08/27/99	M.D. PAPE
3	CHG TO RBC FORMAT PER IS05-11777	03/07/06	SUDHA



P	TYPE	GE SIZE	NEMA FR	C	AG	MIN. SHELL
4	K	49	56C	12.44	10.32	7.15
3	K	49	56C	11.44	9.32	6.15
2	K	46	56C	11.84	9.72	6.55
1	K	42	56C	11.01	8.89	5.72

SIGNATURES		DATE
MODEL	B. JOHNSON	06/08/93
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	B.L.J.	06/08/93
SOLID MODEL:	52A107854	



REGAL-BELOTT CORPORATION

OUTLINE

40 FRAME REDESIGN - WASH DOWN DUTY MOTOR - TEFC BALL BEARING - WELDED BASE - R2 END MOUNTED

52A107854

REV 3

FOR ADDITIONAL INFO REFER TO:  
 APPLIED PRACTICES  
 DIMENSIONS ARE IN INCHES  
 MATERIAL

SCALE: 0.250 REF. No.:  
 SIZE DRAWING A  
 SHEET 1 of 1

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER IS05-1777	06/15/06	MADHU
2	RENAMED 113A930_FIG-2 TO 113A930FIG2 PER IS07-0972	05/08/07	MADHU

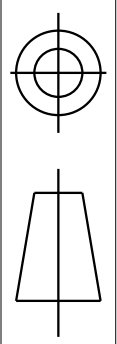
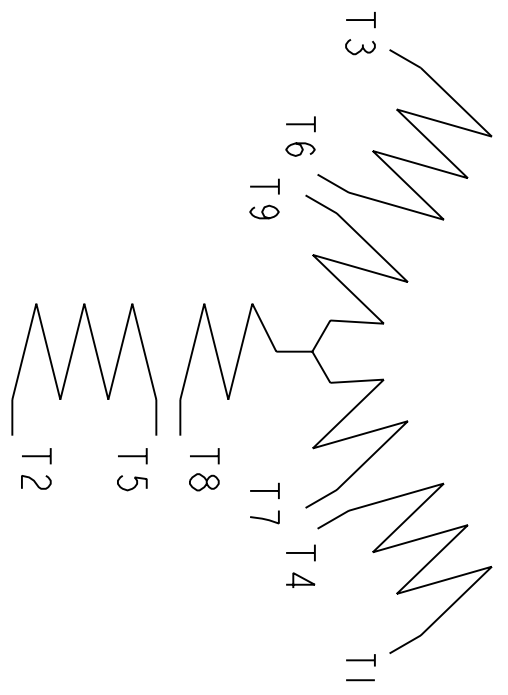


FIG. 2  
 3 PHASE



	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	02/23/03		
DIMENSIONS ARE IN INCHES					
TOLERANCE ON:					
1 PL DECIMALS ± 0.1					
2 PL DECIMALS ± 0.02					
3 PL DECIMALS ± 0.005					
ANGLES ± 1.0					
FRACTIONS ±					
FINISH		QUALITY	MFG		
ISSUED		M.D. PAPE	02/23/03		
MATERIAL SOLID MODEL: 113A930FIG2					
		TITLE			
		CONNECTION DIAGRAM			
SIZE A		DRAWING		SCALE: 1.000	
REF. No.:		113A930FIG2		REV 2	
SHEET 1 of 1					