

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5K49ZN2190

Catalog No: K240

3 HP General Purpose Pump Motor, 3 phase, 3600 RPM, 230/460 V, 56J Frame, TEFC
General Purpose Pump Three Phase Motors



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REGAL



Nameplate Specifications

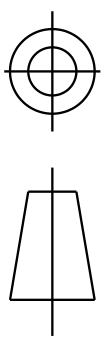
Output HP	3 Hp	Output KW	2.24 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8.0 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	0 %	Duty	Continous
Insulation Class	B	Design Code	B
KVA Code	H	Frame	56J
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	N/R
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N

Technical Specifications

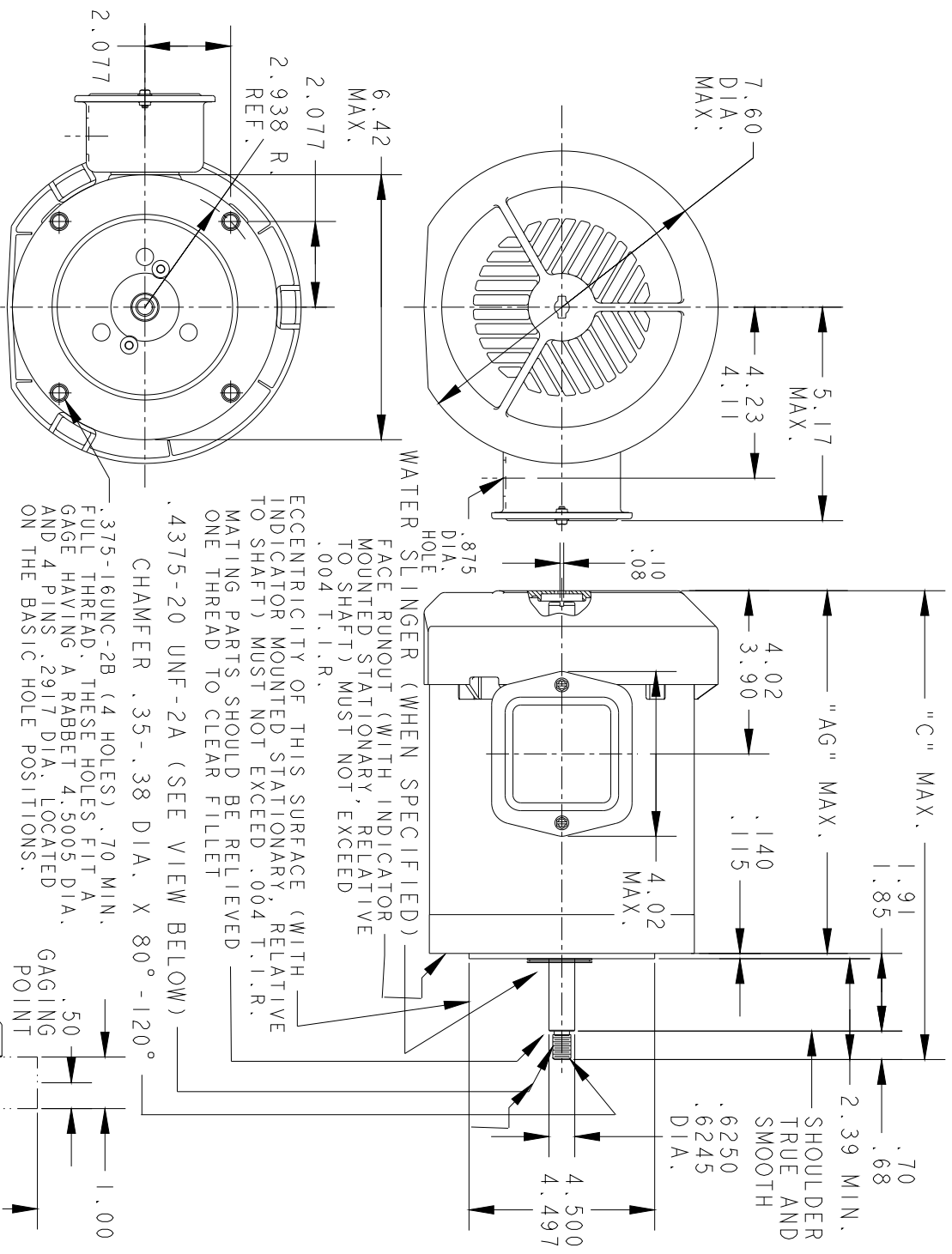
Electrical Type	Three Phase	Starting Method	N/R
Poles	2	Rotation	Counterclockwise/Clockwise
Mounting	N/R	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	BALL
Frame Length	8.99 in	Shaft Extension	.625 X 2.39 - .4375-20 THD in

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THIRD ANGLE PROJECTION



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
3	CHG TO RBC FORMAT PER IS05-1777	03/22/06	SUDHA
4	"SLINGER" ADDED AS PER IS11-5514	12/01/2011	KOTI



VIEW OF P.E. ENDSHIELD

5	4	3	2	1	P
K-KH	K-KH	K-KH	K-KH	K-KH	TYPE
49	49	49	46	42	GE
56J	56J	56J	56J	56J	SIZE
14.79	13.48	12.95	12.35	11.52	NEMA
12.16	10.85	10.32	9.72	8.89	"C"
8.99	7.68	7.15	6.55	5.72	"AG"
					MIN. SHELL

SIGNATURES		DATE
MODEL	M.D.PAPE	01/21/94
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D.PAPE	01/21/94
FOR ADDITIONAL INFO REFER TO:		
APPLIED PRACTICES		
DIMENSIONS ARE IN INCHES		
MATERIAL		
SOLID MODEL: 52A109652		



REGAL-BELOTT CORPORATION

TITLE

OUTLINE
JET PUMP MOTOR - TEFC
BALL BEARING - R2 END MOUNTED

SIZE: DRAWING A

52A109652

REV 4

SCALE: 0.250 REF. No:

SHEET 1 of 1

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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

THIRD ANGLE PROJECTION

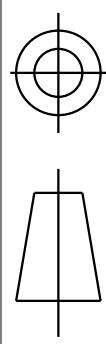
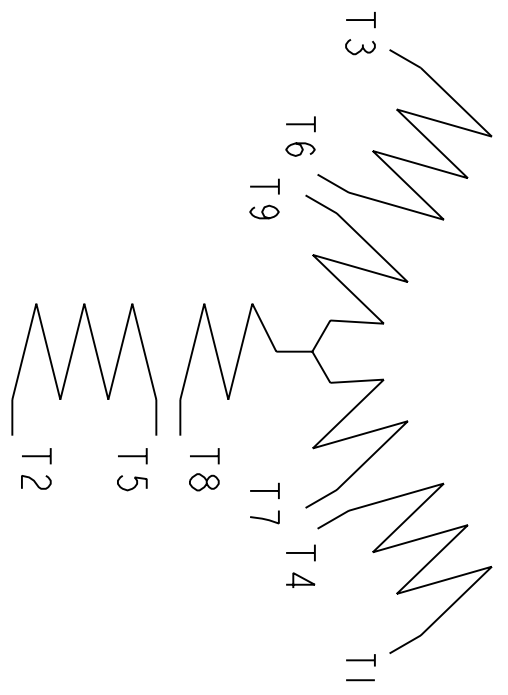


FIG. 2

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	02/23/03	
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	M.F.G		
ISSUED	M.D. PAPE	02/23/03		
MATERIAL	SOLID MODEL: 113A930FIG2			

		REGAL-BELOIT CORPORATION	
CONNECTION DIAGRAM			
SIZE	DRAWING	SCALE: 1.000	REF. No: .
A			
113A930FIG2		REV	
2		SHEET	1 of 1