

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 5K36MN4135  
Catalog No: K1232  
3/4,3450,TEFC,56J,3/60/200-230/460  
Jet Pump



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**REGAL**<sup>®</sup>



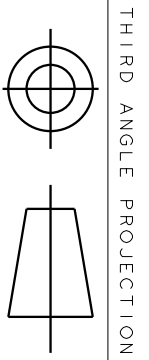
### Nameplate Specifications

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>200-230/460 V</b>
Current	<b>2.6-2.6,1.3 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.5</b>	Phase	<b>3</b>
Efficiency	<b>74.2 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	KVA Code	<b>M</b>
Frame	<b>56J</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Overload Protector	<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>Yes</b>
CE	<b>N</b>		

### Technical Specifications

Electrical Type	<b>Three Phase</b>	Starting Method	<b>N/R</b>
Poles	<b>2</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>11.9 in</b>
Frame Length	<b>6.22 in</b>	Shaft Diameter	<b>0.630 in</b>
Shaft Extension	<b>2.39 in</b>		
Outline Drawing	<b>52A102408P6</b>	Connection Diagram	<b>113A930FIG2</b>

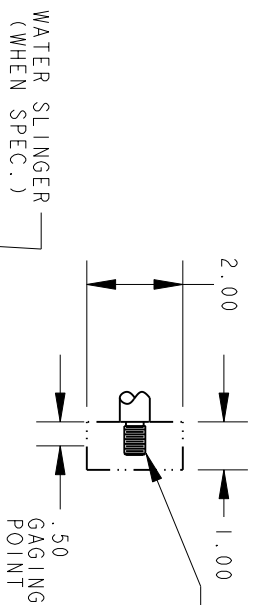
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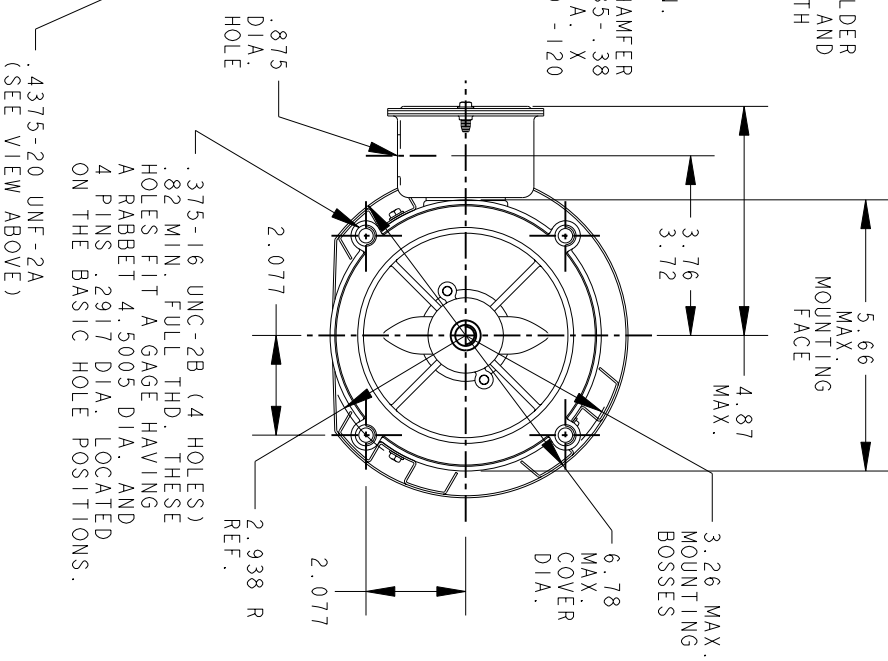
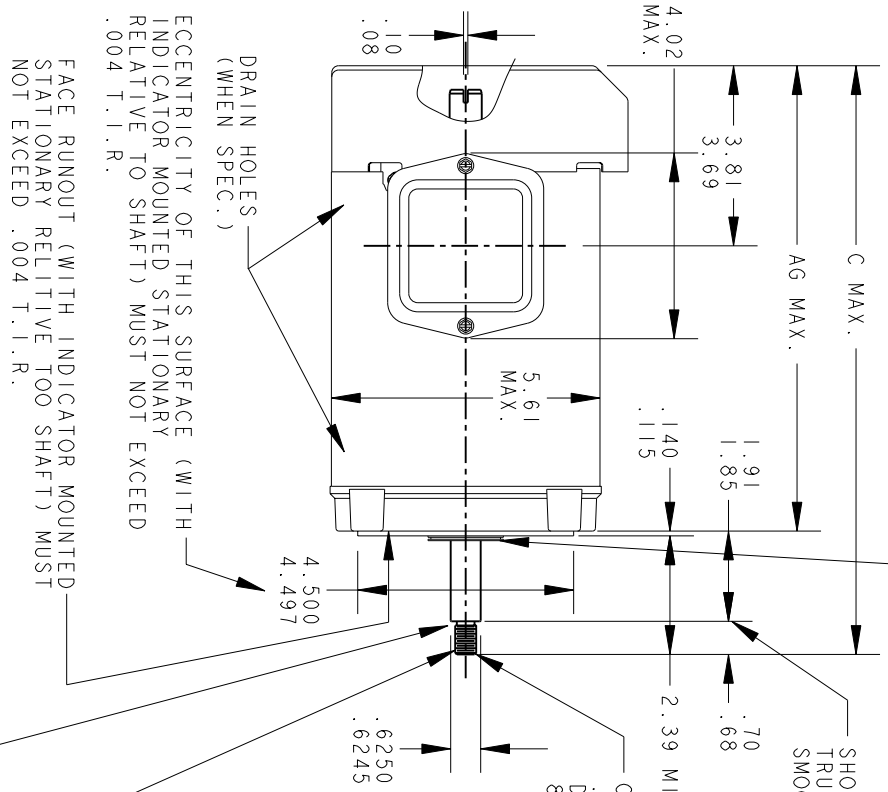
THIRD ANGLE PROJECTION

REVISIONS

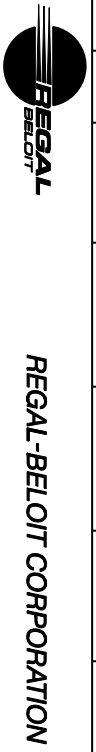
REV.	DESCRIPTION	DATE	APPROVED
5	REVISED & REDRAWN	11/13/90	BLJ
6	CHG. MADE AS PER IS05-2960	11/18/05	GOVARDAN



ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004 GAGE READING WITH THE INDICATOR ON O.D. OF GROUND RING GAGE AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR.



4	3	2	1	P
K	K	K	K	TYPE
32	38	37	35	GE SIZE
56J	56J	56J	56J	NEMA FR.
10.81	12.87	12.27	11.44	C
8.22	10.28	9.68	8.85	AG
		6	5	P
		K	K	TYPE
		36	33	GE SIZE
		56J	56J	NEMA FR.
		11.87	11.06	C
		9.28	8.47	AG



REGAL-BELOIT CORPORATION  
OUTLINE

JET PUMP MOTOR - FORM N - TOTALLY ENCLOSED  
R2 END MOUNT - BALL OR SLEEVE BEARING

SIGNATURES		DATE
MODEL	H. OSBORNE	09/06/77
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	H. OSBORNE	09/06/77
SOLID MODEL:	52A102408	

TITLE	SIZE	SCALE	REF. No.	SHEET
JET PUMP MOTOR - FORM N - TOTALLY ENCLOSED R2 END MOUNT - BALL OR SLEEVE BEARING	DRAWING A	1.000		1 of 1
52A102408	REV			6

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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

THIRD ANGLE PROJECTION

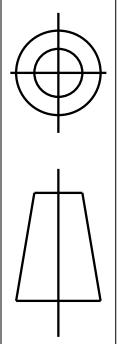
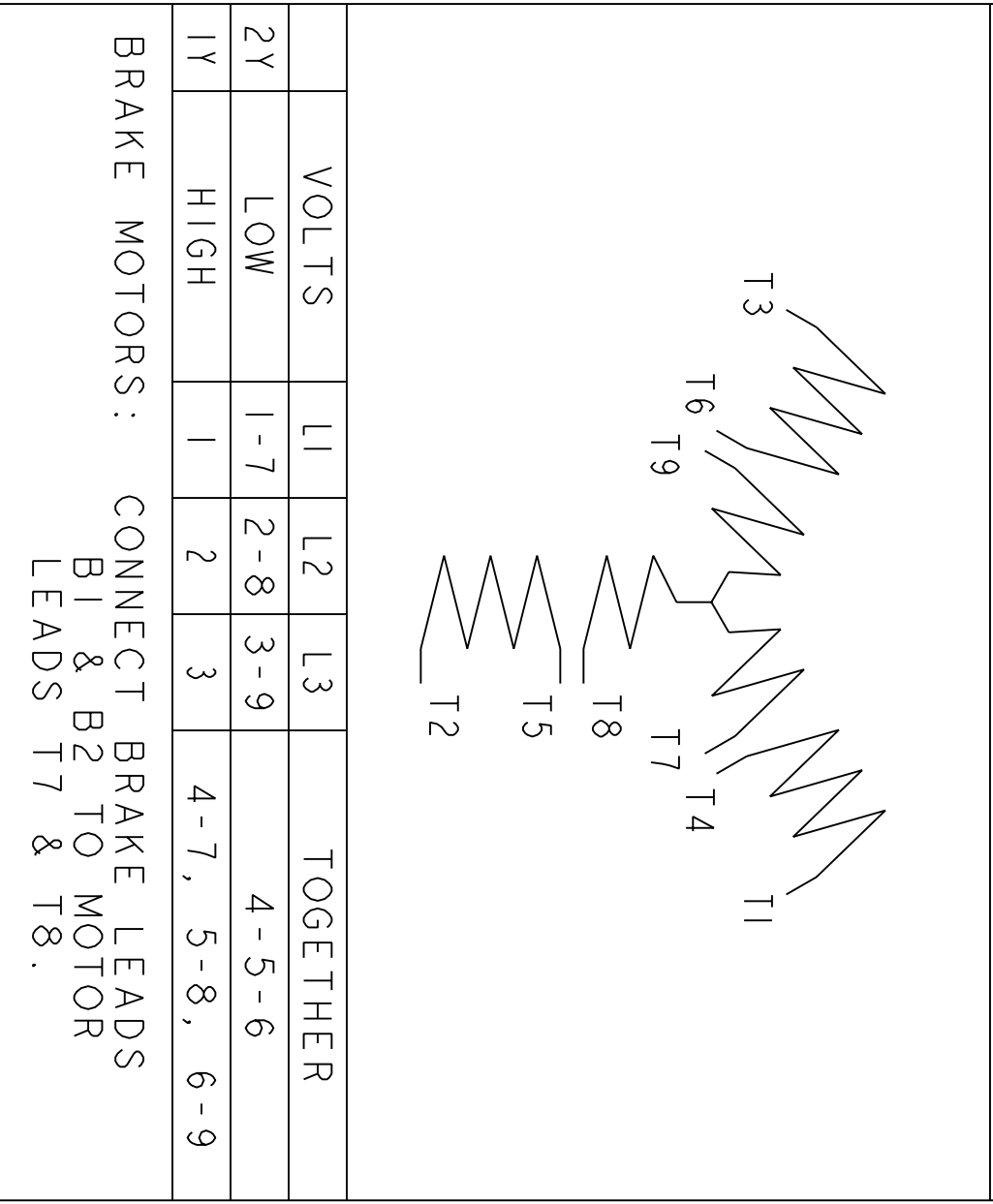


FIG. 2 3 PHASE



FOR ADDITIONAL INFO REFER TO:		SIGNATURES		DATE
APPLIED PRACTICES	MODEL	M.D. PAPER		02/25/03
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.D. PAPER	02/25/03
ISSUED				
MATERIAL		SOLID MODEL: 113A930FIG2		

**REGAL-BELOIT CORPORATION**

**CONNECTION DIAGRAM**

SCALE: 1.000 REF. No.:

SIZE DRAWING A

**113A930FIG2**

REV 2

SHEET 1 of 1