

# PRODUCT INFORMATION PACKET

Model No: 5K42HN4133

Catalog No: K550

1/2 HP General Purpose Pump Motor, 3 phase, 1800 RPM, 208-230/460 V, 56J Frame, TEFC  
General Purpose Pump Three Phase Motors



Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.  
©2020 Regal Beloit Corporation, All Rights Reserved. MC017097E

**REGAL**

### Nameplate Specifications

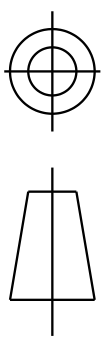
Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.3-2.2,1.1 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>78.7 %</b>	Power Factor	<b>0</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>K</b>
Frame	<b>56J</b>	Enclosure	<b>Totally Enclosed Fan Cooled</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>Yes</b>
CE	<b>N</b>		

### Technical Specifications

Electrical Type	<b>Three Phase</b>	Starting Method	<b>N/R</b>
Poles	<b>4</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>LOCKED</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>11.52 in</b>
Frame Length	<b>5.72 in</b>	Shaft Diameter	<b>0.630 in</b>
Shaft Extension	<b>2.39 in</b>		
Connection Drawing	<b>113A930FIG2</b>	Outline Drawing	<b>52A109652P1</b>

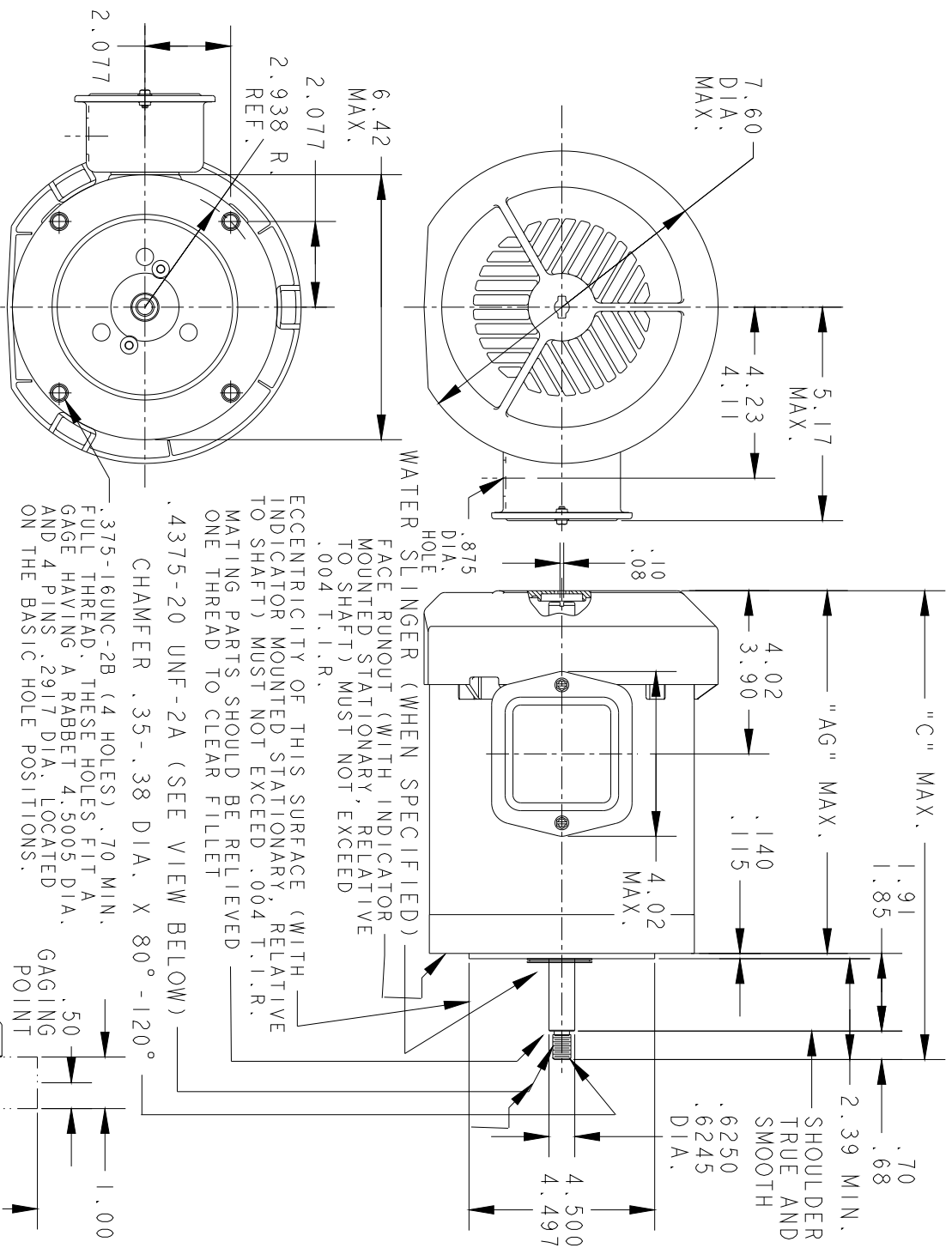
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:03/11/2020

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

SIGNATURES		DATE
MODEL	M.D.PAPE	01/21/94
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D.PAPE	01/21/94
SOLID MODEL: 52A109652		



REGAL-BELOTT CORPORATION

TITLE

JET PUMP MOTOR - TEFC  
BALL BEARING - R2 END MOUNTED

SIZE: DRAWING A  
SCALE: 0.250 REF. No:  
52A109652 REV 4

SHEET 1 of 1

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

This document is the property of REGAL-BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither the recipient nor any other person to whom it is loaned shall disclose or disseminate its contents, in whole or in part, to any other person without the express written consent of RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.

THIRD ANGLE PROJECTION

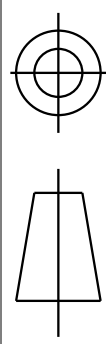
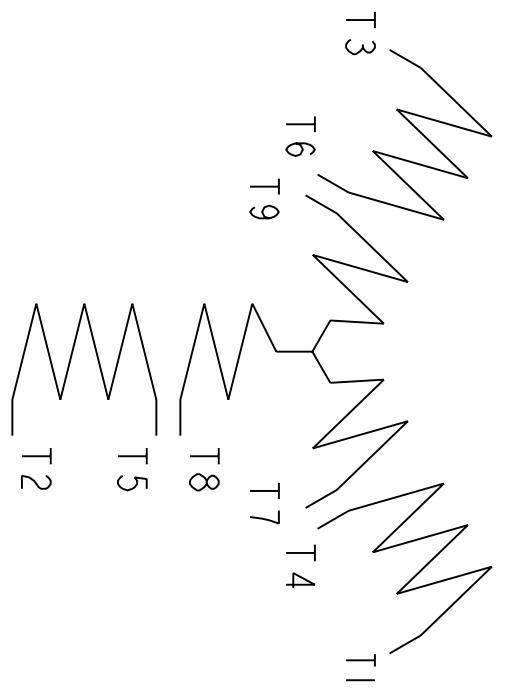


FIG. 2

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.D. PAPE		02/23/03
MATERIAL	ISSUED			
SOLID MODEL: 113A930F162				



REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

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