

PRODUCT INFORMATION PACKET

Model No: 5K49DN4130

Catalog No: K252

General Purpose Motor, 0.25 HP, 3 Ph, 60 Hz, 208-230/460 V, 1800 RPM, 56C Frame, TENV



Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.1-1.2,0.6 A	Speed	1725 rpm
Service Factor	1.35	Phase	3
Efficiency	67.4 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	L	Frame	56C
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N
Number of Speeds	1		

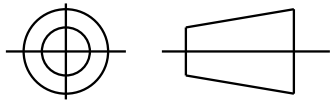
Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Round	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	9.52 in
Frame Length	5.34 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	113A930FIG2	Outline Drawing	52A109679P1

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/15/2022

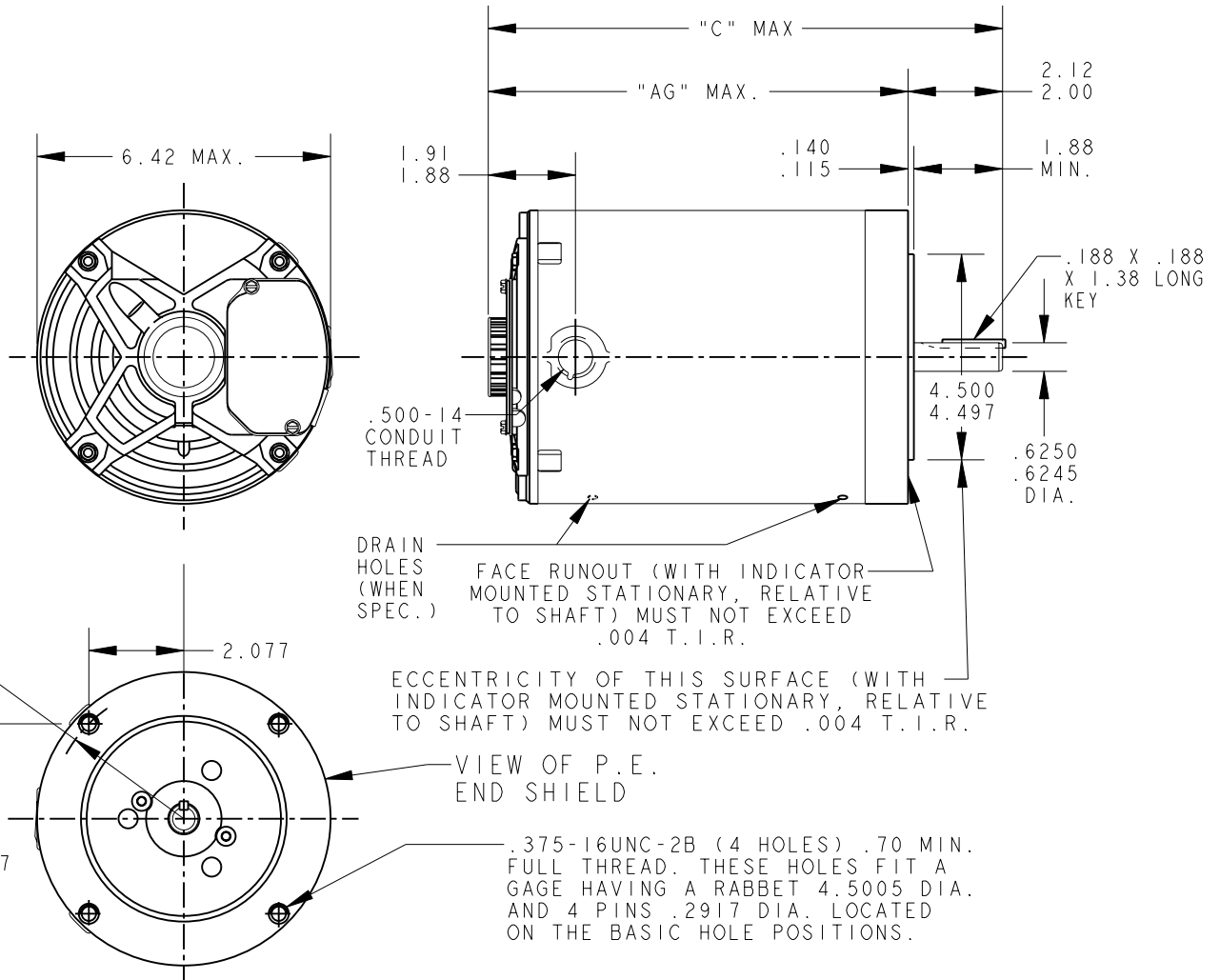
SHEET 1
REV 3
52A109679
SIZE DRAWING NO. A

THIRD ANGLE PROJECTION



REVISIONS


REV.	DESCRIPTION	DATE	APPROVED
1	ADDED PARTS #2 & #3.	07/02/96	M.D.PAPE
2	ADDED PART #4.	10/10/97	M.D.PAPE
3	CHG TO RBC FORMAT PER ISO5-1777	03/23/06	SUDHA



ALL DIMENSIONS ARE IN INCHES

4	K	42	56C	9.90	7.78	5.72
3	K	49	56C	10.33	8.21	6.15
2	K	46	56C	10.73	8.61	6.55
1	K	49	56C	9.52	7.40	5.34
P	TYPE	GE SIZE	NEMA FR.	"C"	"AG"	MIN. SHELL

SIGNATURES		DATE
MODEL	M.D.PAPE	09/12/94
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
FOR ADDITIONAL INFO REFER TO:	QUALITY	.
APPLIED PRACTICES	ISSUED	M.D.PAPE 09/12/94
DIMENSIONS ARE IN INCHES ✓	SOLID MODEL: 52A109679	



REGAL-BELOIT CORPORATION

TITLE

OUTLINE

GENERAL PURPOSE MOTOR TENV - BALL BEARING R2 END MOUNTED FMF - 40 FRAME REDESIGN

SCALE: 0.250 REF. No: . SHEET 1 of 1

SIZE DRAWING	A	52A109679	REV 3
--------------	---	-----------	-------

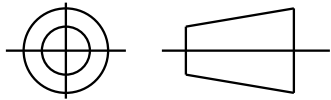
RBC PROPRIETARY AND CONFIDENTIAL INFORMATION

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 it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by 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.

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



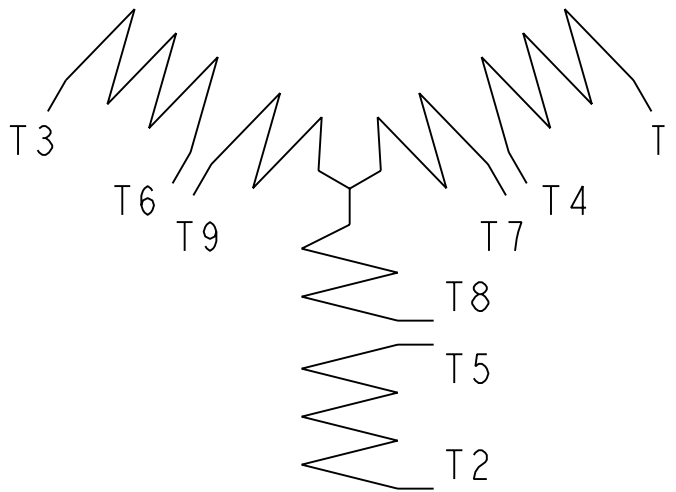
SHEET 2

SIZE DRAWING NO. A

113A930FIG2

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:	CHECKED	.
1 PL DECIMALS ± 0.1	ENGRG	.
2 PL DECIMALS ± 0.02	MFG	.
3 PL DECIMALS ± 0.005	QUALITY	.
ANGLES ± 1.0	ISSUED	M. D. PAPE 02/25/03
FRACTIONS ±		
FINISH ✓		
MATERIAL	SOLID MODEL: 113A930FIG2	



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

SIZE DRAWING 113A930FIG2 REV 2

SCALE: 1.000 REF. No: SHEET 1 of 1