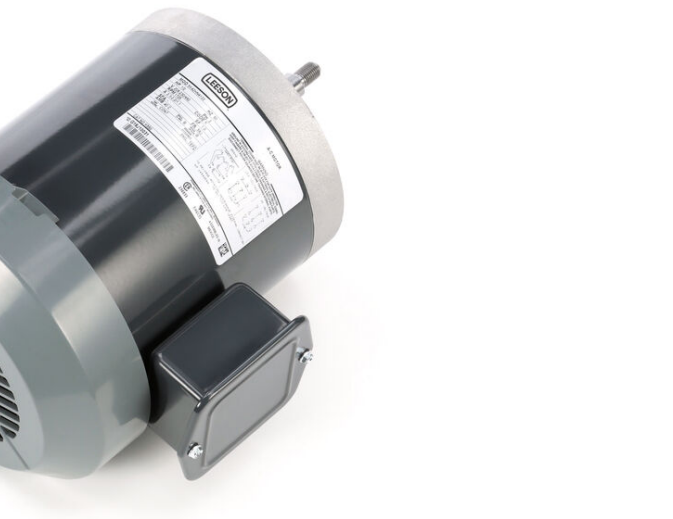
PRODUCT INFORMATION PACKET

Model No: 5K42HN4133
Catalog No: K550
General Purpose Pump Motor, 1/2 HP, 3 Ph, 60 Hz, 208-230/460 V, 56J Frame, TEFC



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Nameplate Specifications

Phase	3	Output HP	1/2 Hp
Output KW	0.37 kW	Voltage	208-230/460 V
Speed	1725 rpm	Service Factor	1.0
Frame	56J	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	2.3-2.2/1.1 A
Power Factor	0	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	K	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise/Clockwise
Motor Orientation	Any	Drive End Bearing	Locked
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56J	Shaft Diameter	0.625 in
Outline Drawing	52A109652P1	Connection Drawing	113A930FIG2

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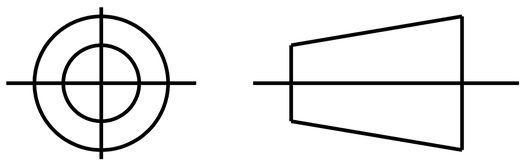
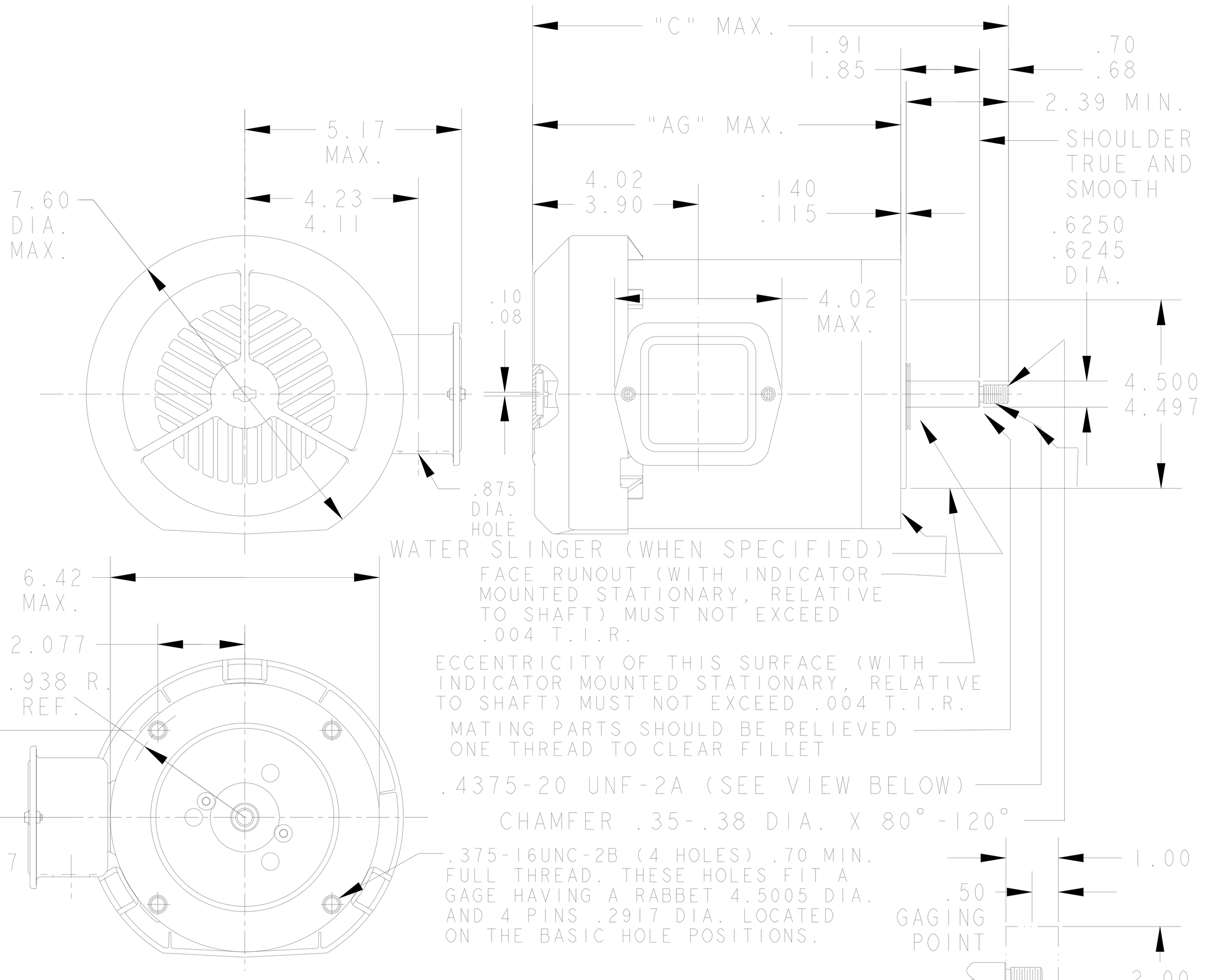
SHEET 1 | REV 4 | 52A109652 | SIZE A | DRAWING NO.

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



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

SIGNATURES		DATE
MODEL	M.D.PAPE	07/27/94
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.PAPE	07/27/94

FOR ADDITIONAL INFO REFER TO:
APPLIED PRACTICES .
DIMENSIONS ARE IN INCHES
MATERIAL .
SOLID MODEL: 52A109652

REGAL BELOIT

REGAL-BELOIT CORPORATION

TITLE

OUTLINE

JET PUMP MOTOR - TEFC

BALL BEARING - R2 END MOUNTED

SIZE	DRAWING	REV
A	52A109652	4

SCALE: 0.250 | REF. No: . | SHEET 1 OF 1

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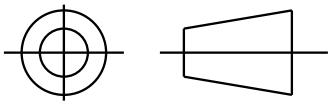
THIRD ANGLE PROJECTION

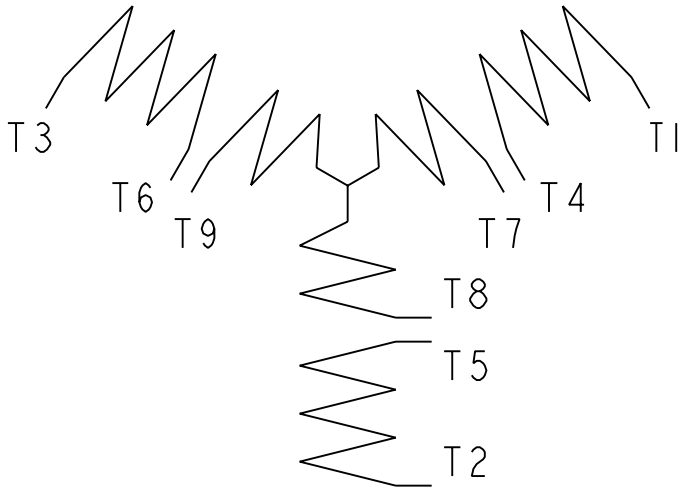


REVISIONS

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

SHEET 1 REV 2 113A930FIG2 DRAWING NO. SIZE A

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:
APPLIED PRACTICES .
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 √

MATERIAL .

SIGNATURES		DATE
MODEL	M.D.PAPE	02/25/03
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.PAPE	02/25/03

SOLID MODEL: 113A930FIG2

REGAL BELOIT — REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

SIZE A DRAWING 113A930FIG2 REV 2

SCALE: 1.000 REF. No: . SHEET 1 OF 1