

PRODUCT INFORMATION PACKET

Model No: 5K42FN4035

Catalog No: K1322

1/3 HP General Purpose Motor, 3 phase, 1800 RPM, 208-230/460 V, 56C Frame, TEFC
General Purpose Motors



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Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.5-1.6,0.8 A	Speed	1725 rpm
Service Factor	1.35	Phase	3
Efficiency	69.2 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	M	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	N/R
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		

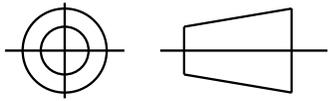
Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11.01 in
Frame Length	5.72 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	113A930FIG2	Outline Drawing	52A107854P1

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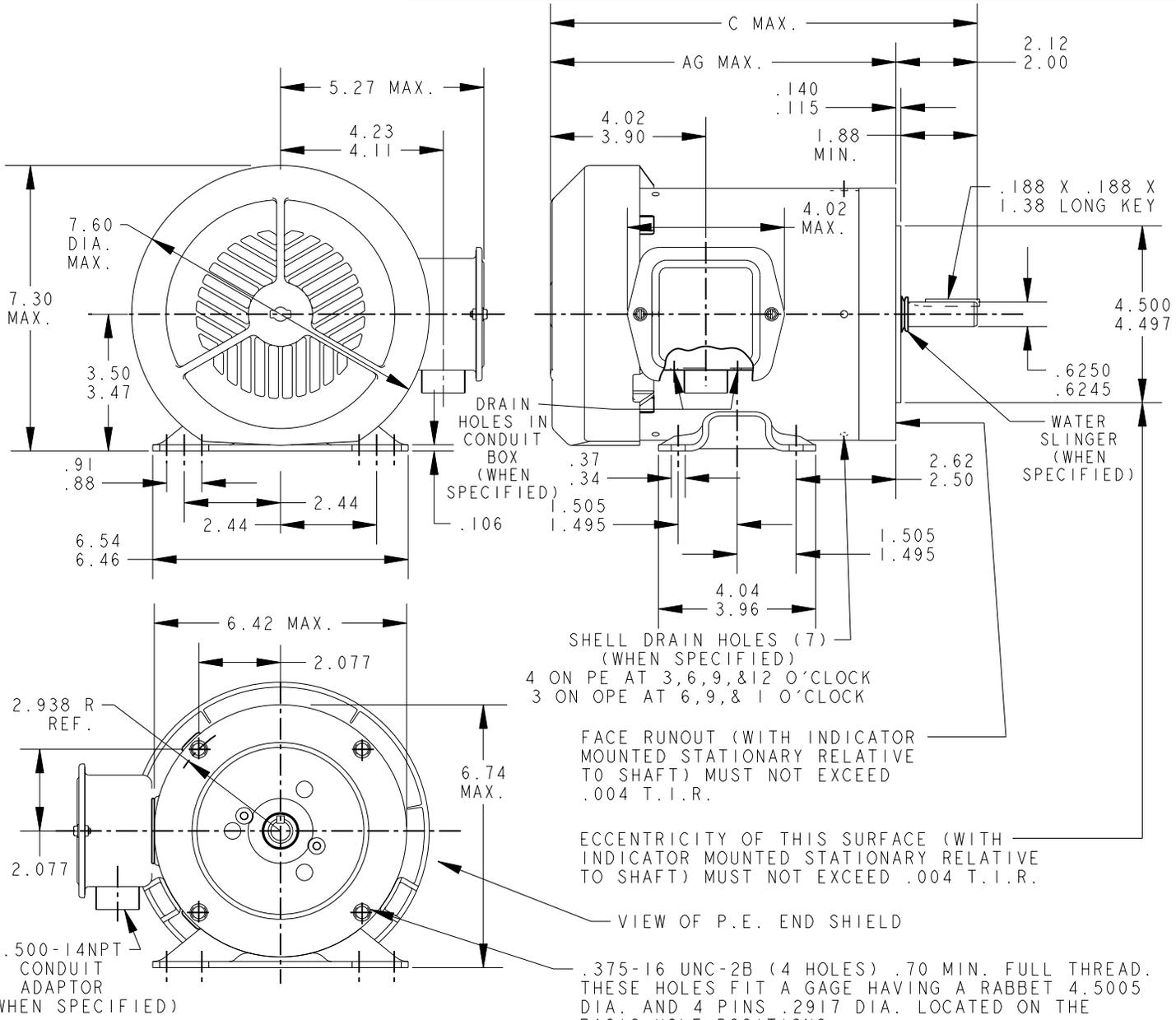
SHEET 1
 REV 3
 SIZE DRAWING NO. 52A107854
 A

THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
2	CHANGES PER TI99-24,654.	08/27/99	M.D.PAPE
3	CHG TO RBC FORMAT PER ISO5-1777	03/07/06	SUDHA



4	K	49	56C	12.44	10.32	7.15
3	K	49	56C	11.44	9.32	6.15
2	K	46	56C	11.84	9.72	6.55
1	K	42	56C	11.01	8.89	5.72
P	TYPE	GE SIZE	NEMA FR	C	AG	MIN. SHELL

SIGNATURES		DATE
MODEL	B. JOHNSON	06/08/93
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
FOR ADDITIONAL INFO REFER TO:	QUALITY	.
APPLIED PRACTICES	ISSUED	B.L.J. 06/08/93
DIMENSIONS ARE IN INCHES ✓	SOLID MODEL: 52A107854	



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TITLE: **OUTLINE**

40 FRAME REDESIGN - WASH DOWN DUTY MOTOR - TEFC BALL BEARING - WELDED BASE - R2 END MOUNTED

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

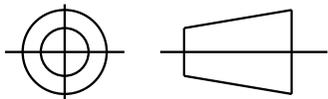
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REVISIONS

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



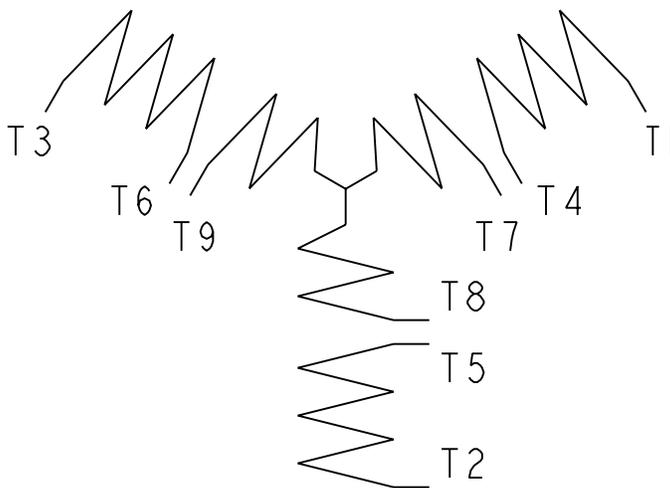
SHEET 2

SIZE DRAWING NO. A



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	



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TITLE CONNECTION DIAGRAM

SIZE DRAWING 113A930FIG2 REV 2

SCALE: 1.000 REF. No: SHEET 1 of 1

