

PRODUCT INFORMATION PACKET

Model No: 5K35FN55

Catalog No: KG215

1/3 HP Three Phase HVAC/R Motor, 3 phase, 3600 RPM, 208-230/460 V, 56C Frame, ODP
Three Phase Motors



Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.5-1.8,0.9 A	Speed	3450 rpm
Service Factor	1.75	Phase	3
Efficiency	61 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	P	Frame	56C
Enclosure	Drip Proof	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
IP Code	22		

Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	2	Rotation	Counterclockwise/Clockwise
Mounting	Round	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	9.9 in
Frame Length	5.79 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in	Thru-bolts Extension	0 in
Connection Drawing	113A930FIG2	Outline Drawing	52A102321P3

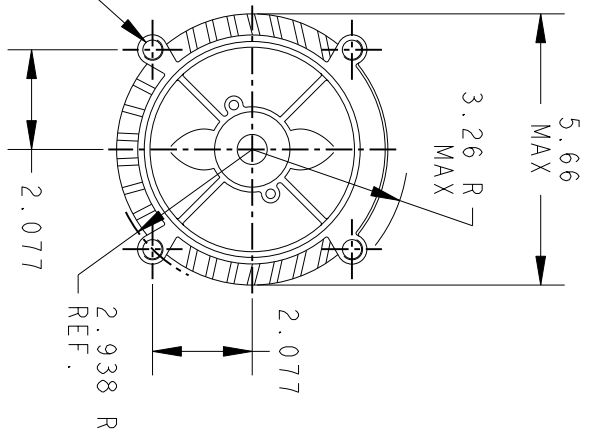
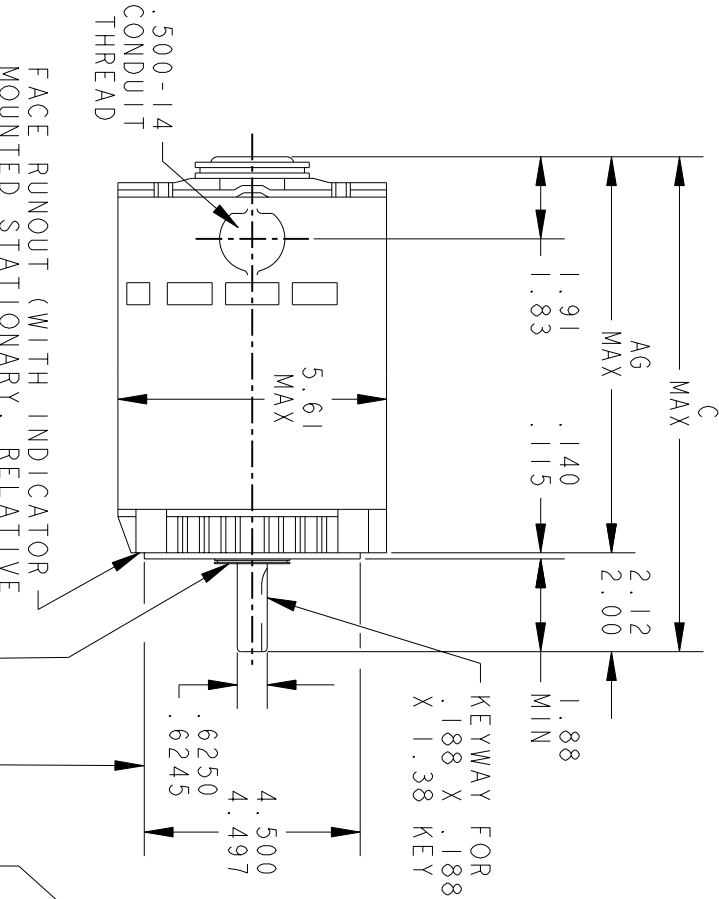
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THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
8	REDRAWN NO CHANGE T196-22390	9/9/96	MDP
9	CHG MADE AS PER IS05-3049	11/30/05	GOVARDAN



FACE RUNOUT (WITH INDICATOR MOUNTED STATIONARY, RELATIVE TO SHAFT) MUST NOT EXCEED .004 TIR

WATER SLINGER (WHEN SPECIFIED)

ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 TIR

PT	TYPE	GE SIZE	NEMA FR	C	AG	SHELL REF	PT	TYPE	GE SIZE	NEMA FR	C	AG	SHELL REF
4	KC	36	56C	10.31	8.21	8	KC	KC	39	56C	12.58	10.49	8.50
3	KC	35	56C	9.88	7.78	7	KC	KC	39	56C	11.84	9.74	7.75
2	KC	33	56C	9.50	7.40	6	KC	KC	38	56C	11.31	9.21	
1	KC	32	56C	9.25	7.15	5	KC	KC	37	56C	10.71	8.61	



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OUTLINE

FORM N JET PUMP MOTOR-DRIP PROOF
R2 END MOUNTED - SLEEVE & BALL BEARING

FOR ADDITIONAL INFO REFER TO:	MFG	
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	MDP 9/9/96
MATERIAL	SOLID MODEL:	52A102321

TITLE	SCALE: 1.000	REF. No.:	SHEET 1 of 1
SIZE DRAWING	A		
			REV 9

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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

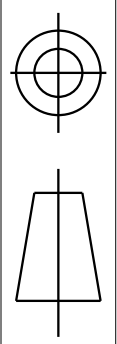
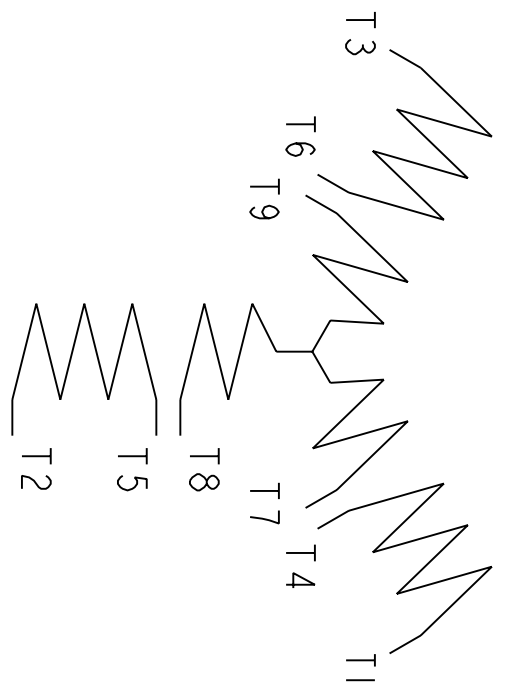


FIG. 2

3 PHASE



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	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
FRACTIONS ±	FINISH	02/25/03
MATERIAL	SOLID MODEL: 113A930FIG2	



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TITLE CONNECTION DIAGRAM

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