

PRODUCT INFORMATION PACKET

Model No: 5K49DN4131

Catalog No: K439

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



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Nameplate Specifications

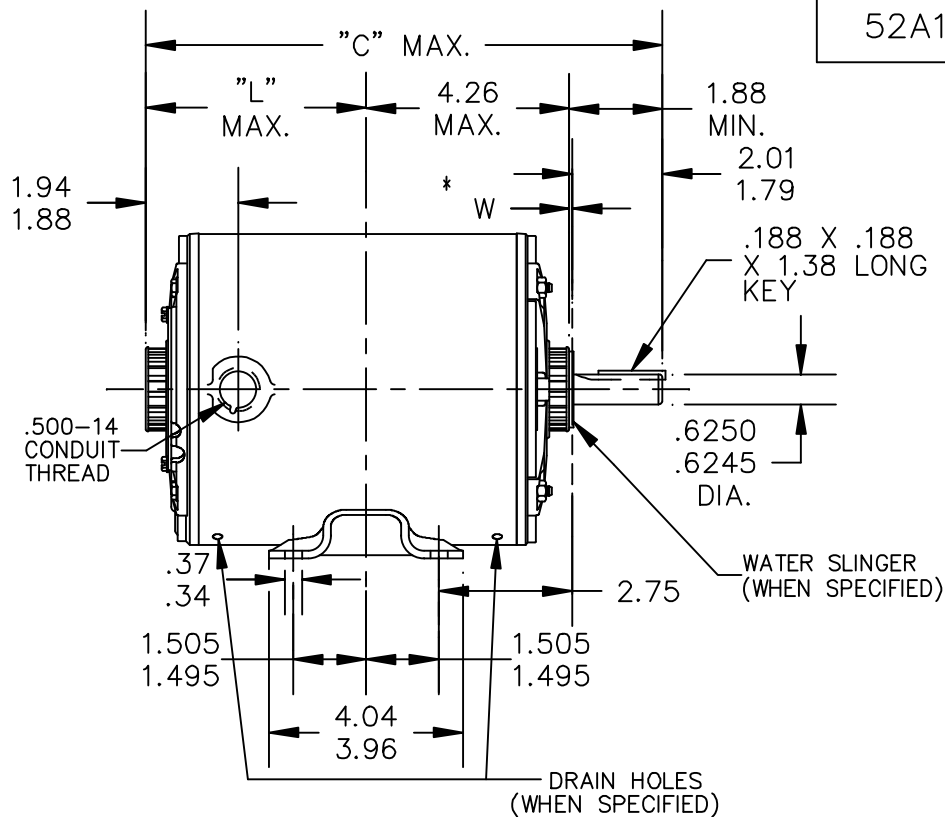
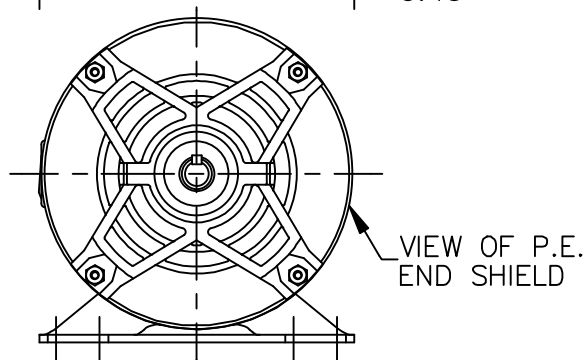
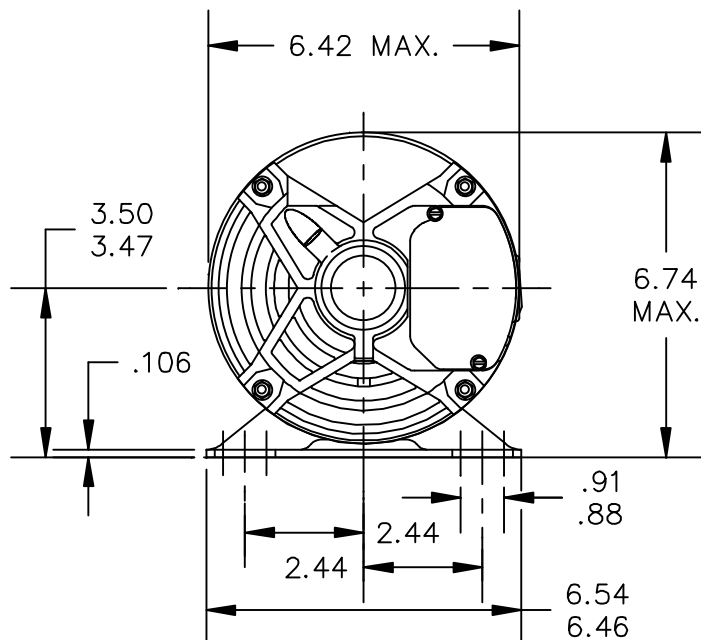
Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.1-1.2,0.6 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	67.4 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	-	KVA Code	L
Frame	56	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No 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	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	9.57 in
Frame Length	5.34 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Connection Drawing	113A930FIG2	Outline Drawing	52A109628P7

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52A109628



ALL DIMENSIONS ARE IN INCHES

7	K	49	56	9.57	3.41		5.34
6	K	48	56	12.66	6.50		8.43
5	K	49	56	11.91	5.75		7.68
4	K	49	56	11.38	5.22		7.15
3	K	46	56	10.78	4.62		6.55
2	K	49	56	10.38	4.22		6.15
1	K	42	56	9.95	3.79		5.72
P	TYPE	RBC SIZE	NEMA FR.	"C"	"L"		MIN. SHELL

* W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

				TOLERANCES UNLESS SPECIFIED		DRAWN M.D.P 06/03/94	
				DEC.	INCHES	CHK	
				.X	±0.1	APPD M.D.P 06/03/94	
5	REDRAWN IN DRAFT SIGHT	UD 10/08/12	PKG	.XX	±0.02	TITLE OUTLINE	
4	CHG TO RBC FORMAT PER ISO5-1777	SD 03/21/06		.XXX	±0.005	TEN V - BALL BEARING - WELDED BASE FMF - 40 FRAME REDESIGN(5K49SN4095)	
3	ADDED DRAIN HOLES.	M.D.P 08/18/95		.XXXX	±0.0005	SCALE 1=1	
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	REF	
				RFP	CAD FILE	52A109628	SIZE A
				DIST			DRAWING NO. 52A109628
							REV. 5

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SHEET —
REV —
113A930FIG2 2
SIZE DRAWING NO. A

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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

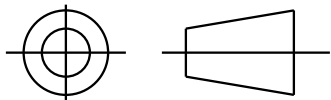
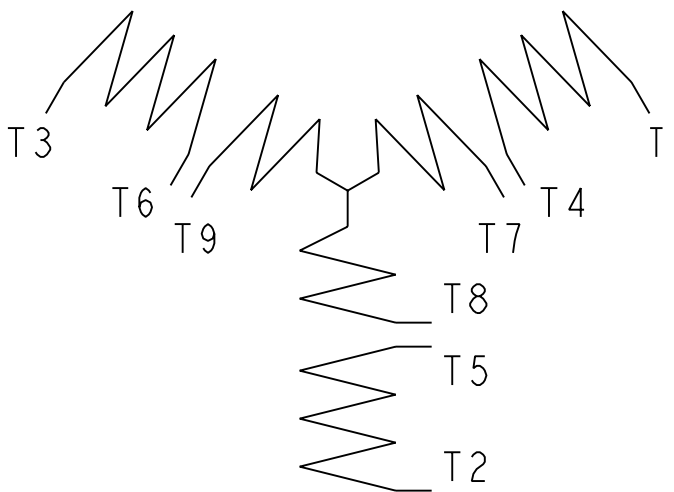


FIG. 2

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