

PRODUCT INFORMATION PACKET

Model No: 5K33FN30

Catalog No: K153

General Purpose Motor, 0.33 HP, 3 Ph, 60 Hz, 208-230/460 V, 3600 RPM, 48 Frame, TEFC



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Nameplate Specifications

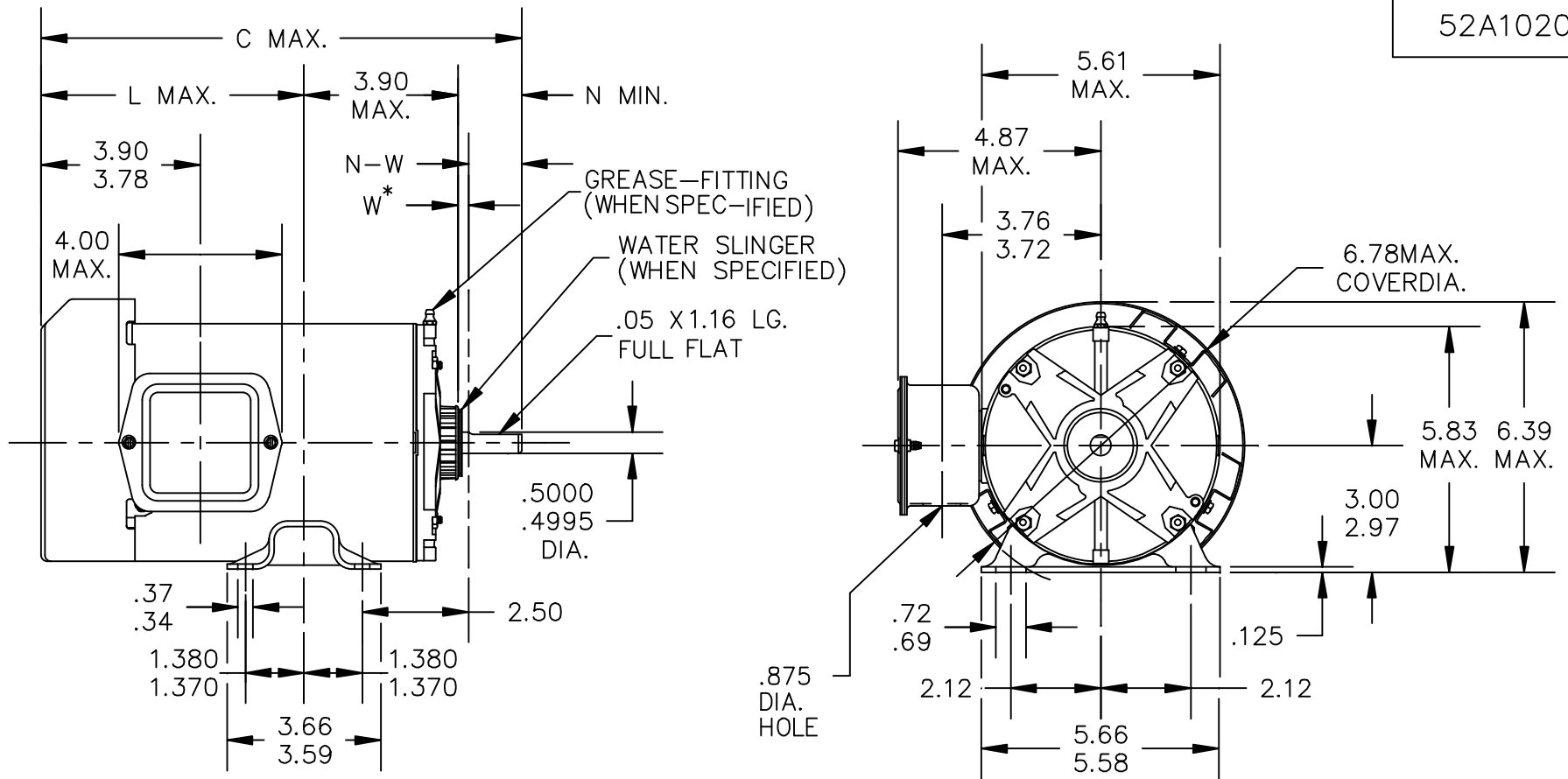
Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.5-1.8,0.9 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	61 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	P	Frame	48
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N
IP Code	43	Number of Speeds	1

Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	2	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	10.2 in
Frame Length	5.41 in	Shaft Diameter	0.500 in
Shaft Extension	1.5 in		
Connection Drawing	113A930FIG2	Outline Drawing	52A102041P2

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52A102041



W* IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY

5	K KH	37	48	11.38	6.00	1.50	1.63/1.41											
4	K KH	36	48	10.98	5.60	1.50	1.63/1.41											
3	K KH	35	48	10.55	5.17	1.50	1.63/1.41	8	K KH	39	48	9.67	4.29	1.50	1.63/1.41	4.91		
2	K KH	33	48	10.17	4.79	1.50	1.63/1.41	7	K KH	32	48Z	10.92	4.54	2.50	2.63/2.41			
1	K KH	32	48	9.92	4.54	1.50	1.63/1.41	6	K KH	38	48	11.98	6.60	1.50	1.63/1.41			
P	TYPE	RBC SIZE	NEMA FR.	C	L	N	N-W	SHELL LGTH.	P	TYPE	RBC SIZE	NEMA FR.	C	L	N	N-W	SHELL LGTH.	

		TOLERANCES UNLESS SPECIFIED		DRAWN F.P.K 12/13/76			
		DEC.	INCHES	CHK			
		.X	±0.1	APPD M.D.P 05/24/96			
		.XX	±0.02	SCALE 1=1			
12	REDRAWN IN DRAFTSIGHT -NO CHANGES	UD 09/08/12	.XXX	±0.005	REF		
11	PER ISAAC 05-2096	RK 09/05/05	.XXXX	±0.0005	FMF		
NO.	REVISION	BY & DATE	CHK	ANG ±1.0	PREV		
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		DIST			A	52A102041	12



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TITLE OUTLINE
TOTALLY ENCLOSED OUTBOARD FAN-WELDED BASE

SHEET —
 REV 2
 113A930FIG2
 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

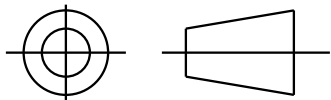
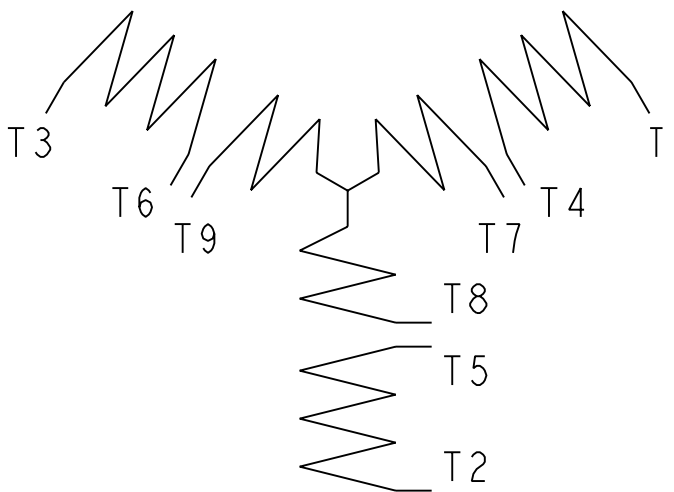


FIG. 2

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