

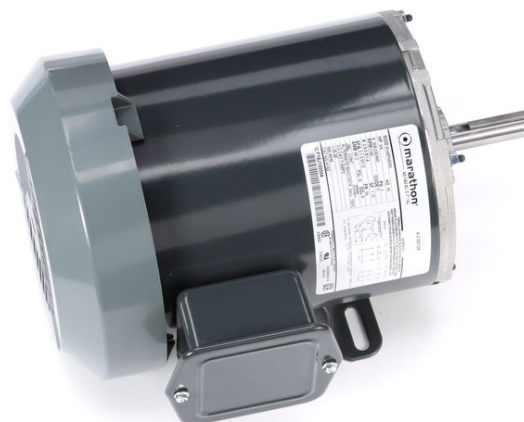
PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5K46PN6082

Catalog No: K162

3/4 HP General Purpose Motor, 3 phase, 1200 RPM, 208-230/460 V, 56 Frame, TEFC
General Purpose Motors



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RegalRexnord

Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.9-2.8,1.4 A	Speed	1140 rpm
Service Factor	1.15	Phase	3
Efficiency	76.1 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	K
Frame	56	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

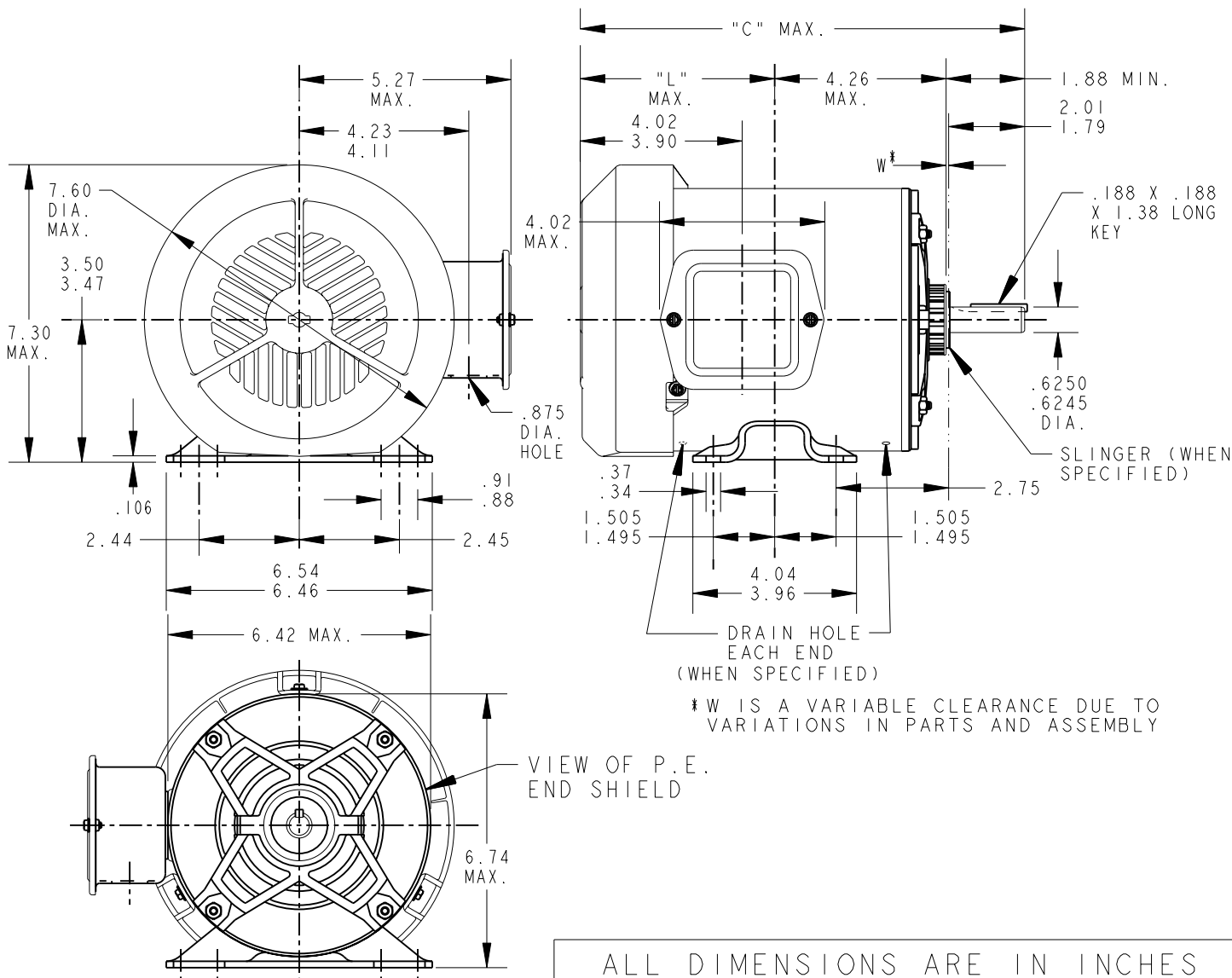
Technical Specifications

Electrical Type	Three Phase	Starting Method	N/R
Poles	6	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11.83 in
Frame Length	6.55 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in		
Outline Drawing	52A107797P3	Connection Drawing	113A930FIG2

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SHEET
REV
4
52A107797
SIZE DRAWING NO.
A

THIRD ANGLE PROJECTION		REVISIONS		
	REV.	DESCRIPTION	DATE	APPROVED
	3	ADDED PART #5.	07/16/98	M.D.PAPE
	4	CHG TO RBC FORMAT PER ISO5-1777	03/03/06	SUDHA



ALL DIMENSIONS ARE IN INCHES

5	K	49	56	12.43	6.28	7.15
4	K	49	56	10.73	4.47	5.34
3	K	46	56	11.83	5.68	6.55
2	K	49	56	11.43	5.28	6.15
I	K	42	56	11.00	4.85	5.72
P	TYPE	GE SIZE	NEMA FR.	"C"	"L"	MIN. SHELL

	SIGNATURES		DATE		 <div>REGAL-BELOIT CORPORATION</div>	
	MODEL	M.D. PAPE	05/19/92			
	DETAIL	.	.			
	CHECKED	.	.			
	ENGRG	.	.			
	MFG	.	.			
FOR ADDITIONAL INFO REFER TO:			TITLE OUTLINE GENERAL PURPOSE MOTOR TEFC - BALL BEARING - WELDED BASE FMF: 5K42HN4005 & 5K49KN4006			
APPLIED PRACTICES						
DIMENSIONS ARE IN INCHES						
ISSUED		M.D. PAPE		05/19/92		
SOLID MODEL: 52A107797			REV			
MATERIAL			SIZE		DRAWING	
			A		52A107797	
			SCALE: 0.250		REF. No: .	
					SHEET 1 of 1	

113A930FIG2 2

REV 2

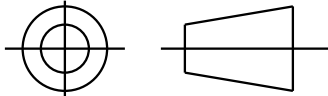
SIZE A

DRAWING NO.

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THIRD ANGLE PROJECTION

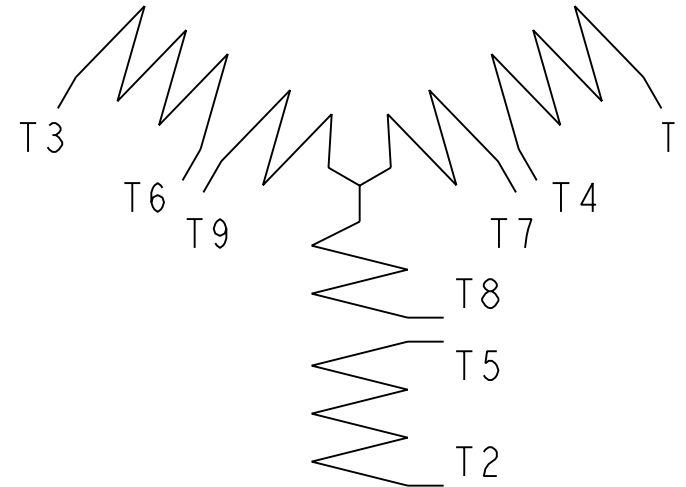


REVISIONS

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

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

MODEL M.D. PAPE

DETAIL

CHECKED

ENGRG

MFG

QUALITY

ISSUED M.D. PAPE

SOLID MODEL: 113A930FIG2

DATE 02/25/03

DATE 02/25/03



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

SIZE A

DRAWING

SCALE: 1.000

REF. No:

SHEET 1 of 1

113A930FIG2

REV 2

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