PRODUCT INFORMATION PACKET

Model No: 5K49FN4129
Catalog No: K196
1/3 HP General Purpose Motor, 3 phase, 1800 RPM, 208-230/460 V, 56 Frame, TENV
Three Phase TENV Motors

marathon® Motors

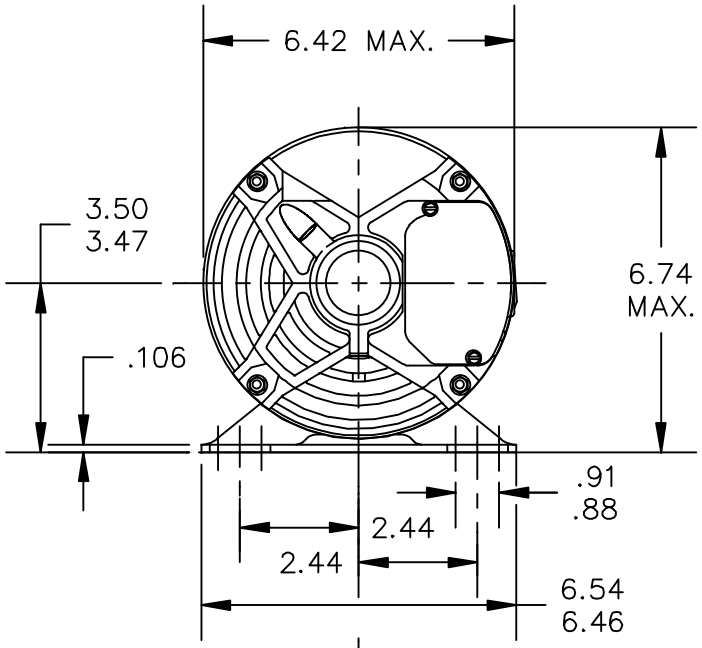
Nameplate Specifications

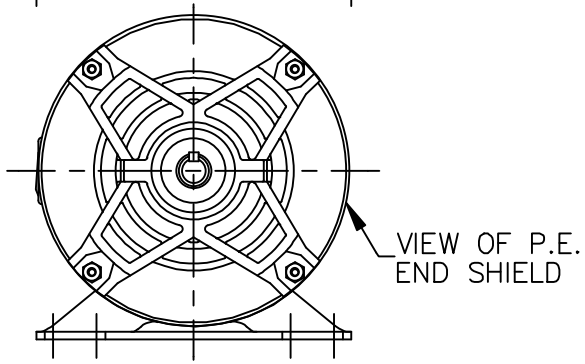
Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.3-1.4,0.7 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	73.4 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	-	KVA Code	L
Frame	56	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	N/R	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

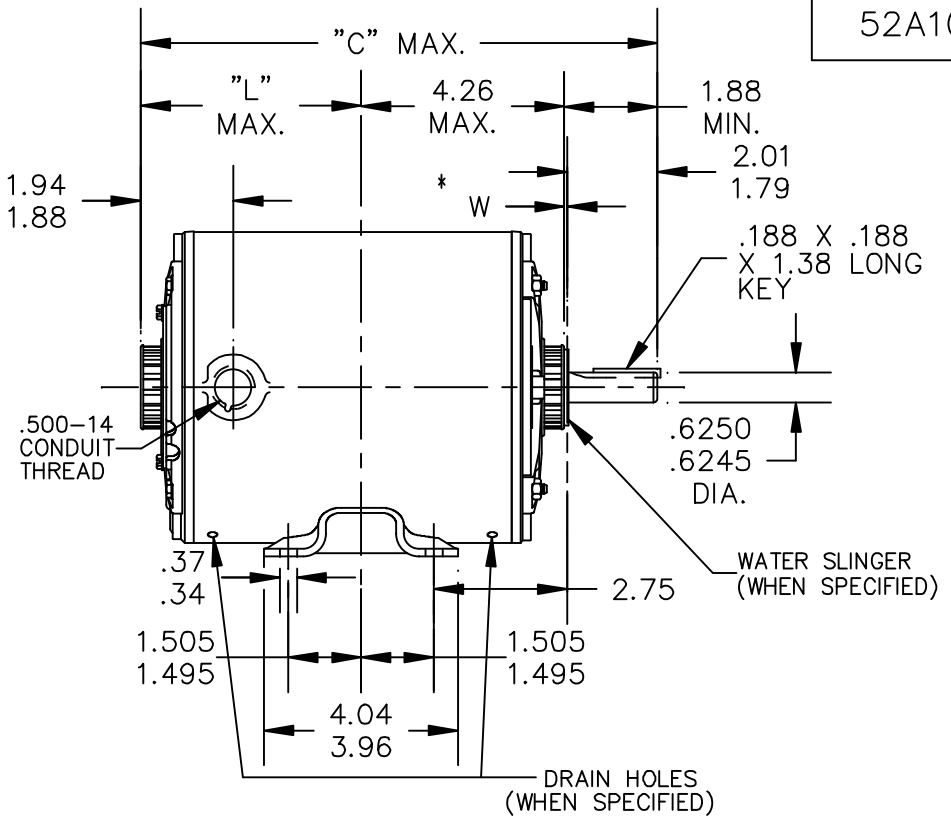
Technical Specifications

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

52A109628







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

ALL DIMENSIONS ARE IN INCHES

P	TYPE	RBC SIZE	NEMA FR.	"C"	"L"		MIN. SHELL
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

NO.	REVISION	BY & DATE	CHK
5	REDRAWN IN DRAFT SIGHT	UD 10/08/12	PKG
4	CHG TO RBC FORMAT PER IS05–1777	SD 03/21/06	
3	ADDED DRAIN HOLES.	M.D.P 08/18/95	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±0.1
.XX	±0.02
.XXX	±0.005
.XXXX	±0.0005
ANG	±1.0

REGAL BELOIT — REGAL-BELOIT CORPORATION

DRAWN M.D.P 06/03/94
CHK
APPD M.D.P 06/03/94

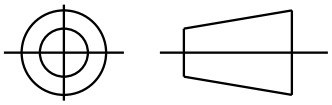
TITLE OUTLINE
TENV – BALL BEARING – WELDED BASE FMF – 40 FRAME REDESIGN(5K49SN4095)

SCALE 1=1
REF
FMF
MAT'L.
PREV
FINISH

RFP
DIST
CAD FILE 52A109628

SIZE	DRAWING NO.	REV.
A	52A109628	5

THIRD ANGLE PROJECTION

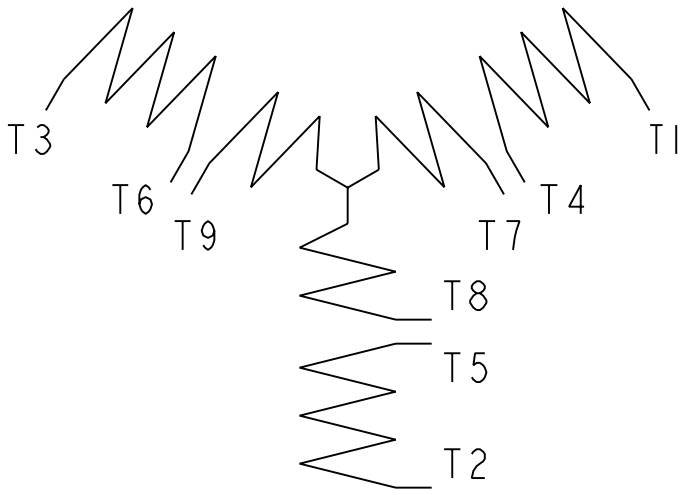


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER IS05-1777	06/15/06	MADHU
2	RENAMED 113A930_FIG_2 TO 113A930FIG2 PER IS07-0972	05/08/07	MADHU

SHEET 1 | REV 2 | 113A930FIG2 | DRAWING NO. | SIZE A

4 of 4

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	REV
A	113A930FIG2	2

SCALE: 1.000 | REF. No: . | SHEET 1 OF 1