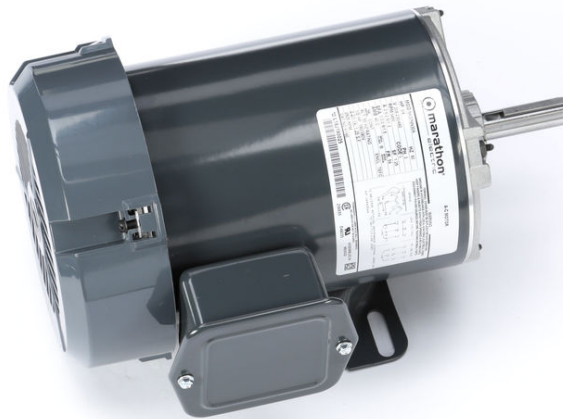


PRODUCT INFORMATION PACKET

Model No: 5K37NN30
Catalog No: K160
3/4,3600,TEFC,56,3/60/230/460
Totally Enclosed Fan Cooled (TEFC)



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Nameplate Specifications

Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.6-2.5,1.3 A	Speed	3450 rpm
Service Factor	1.25	Phase	3
Efficiency	74.1 %	Duty	Continous
Insulation Class	B	KVA Code	L
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Overload Protector	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

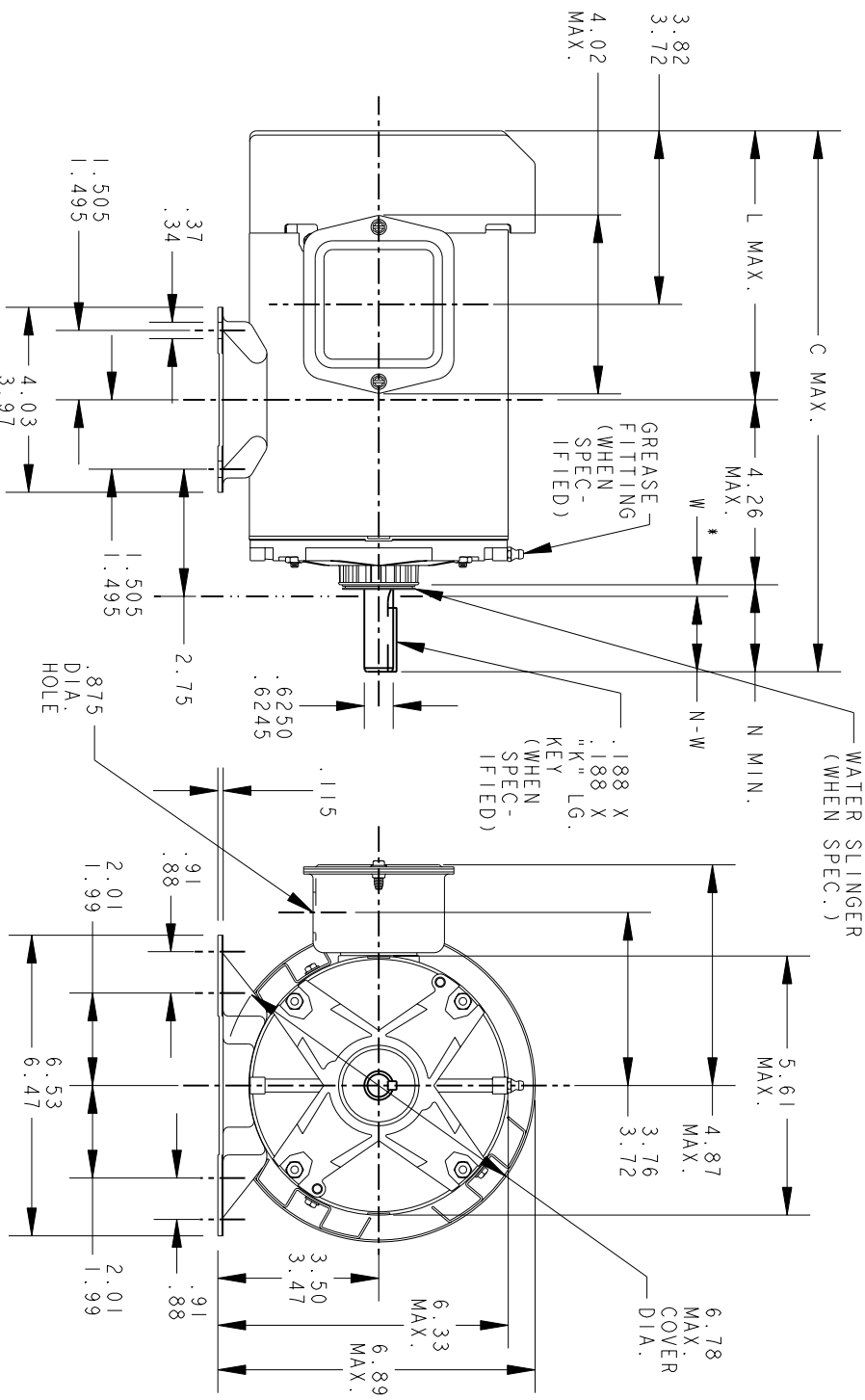
Electrical Type	Three Phase	Starting Method	N/R
Poles	2	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	11.76 in
Frame Length	6.62 in	Shaft Diameter	0.63 in
Shaft Extension	1.88 in		
Outline Drawing	52A102069P5	Connection Diagram	113A930FIG2

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THIRD ANGLE PROJECTION

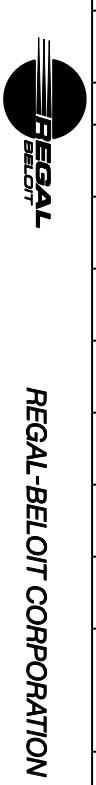


REVISIONS		REVISED	
REV.	DESCRIPTION	DATE	APPROVED
7	REVISED & REDRAWN	11/09/90	B. L. J
8	REVISED BASE SLOT LOCATION	03/07/91	B. L. J
9	CHG MADE AS PER ISO5-3080	12/06/05	GOVARDAN



* IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY

P	TYPE	GE SIZE	NEMA FR.	C	K	L	N	N-W	SHELL LGTH.	P	TYPE	GE SIZE	NEMA FR.	C	K	L	N	N-W	SHELL LGTH.
5	K KH	37	56	11.76	1.38	5.58	1.88	2.01/1.79											
4	K KH	36	56	11.36	1.38	5.18	1.88	2.01/1.79	9	K KH	39	56Z	10.05	1.38	3.87	1.88	2.01/1.79	4.91	
3	K KH	35	56	10.93	1.38	4.75	1.88	2.01/1.79	8	K KH	38	56Z	16.23	1.38	6.18	5.75	5.88/5.66		
2	K KH	33	56	10.55	1.38	4.37	1.88	2.01/1.79	7	K KH	39	56	12.89	1.38	6.71	1.88	2.01/1.79	7.75	
1	K KH	32	56	10.30	1.38	4.12	1.88	2.01/1.79	6	K KH	38	56	12.36	1.38	6.18	1.88	2.01/1.79		



OUTLINE

GENERAL PURPOSE MOTOR - FORM N - TOTALLY ENCLOSED
 OUTBOARD FAN - WELDED BASE - BALL OR SLEEVE BEARING

SIGNATURES		DATE
MODEL	F. P. K	25/01/77
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	B. L. J	03/07/91
SOLID MODEL:	52A102069	

TITLE		SCALE:	REF. No.:	SHEET
SIZE	DRAWING	1.000		1 of 1
A				
52A102069				
REV	9			

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

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THIRD ANGLE PROJECTION

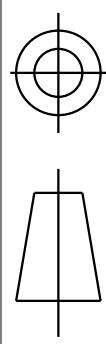
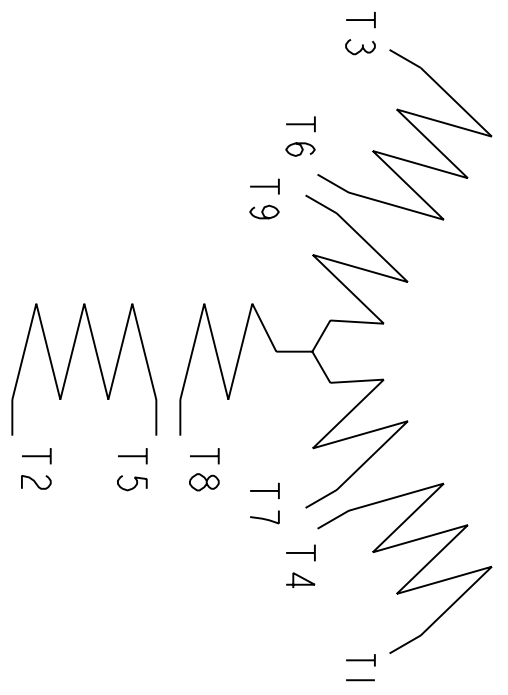


FIG. 2

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	02/23/03
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	02/23/03
MATERIAL	SOLID MODEL: 113A930FIG2	



REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

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