

# PRODUCT INFORMATION PACKET

Model No: 5K36PN251  
Catalog No: G1340  
3/4 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 56 Frame, TEFC  
Three Phase TEFC Motors



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REGAL



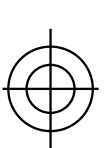
### Nameplate Specifications

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>575 V</b>
Current	<b>1.3 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.25</b>	Phase	<b>3</b>
Efficiency	<b>73.4 %</b>	Power Factor	<b>0</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
KVA Code	<b>J</b>	Frame	<b>56</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Thermal Protection	<b>N/R</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Yes</b>	CE	<b>N</b>
IP Code	<b>43</b>		

### Technical Specifications

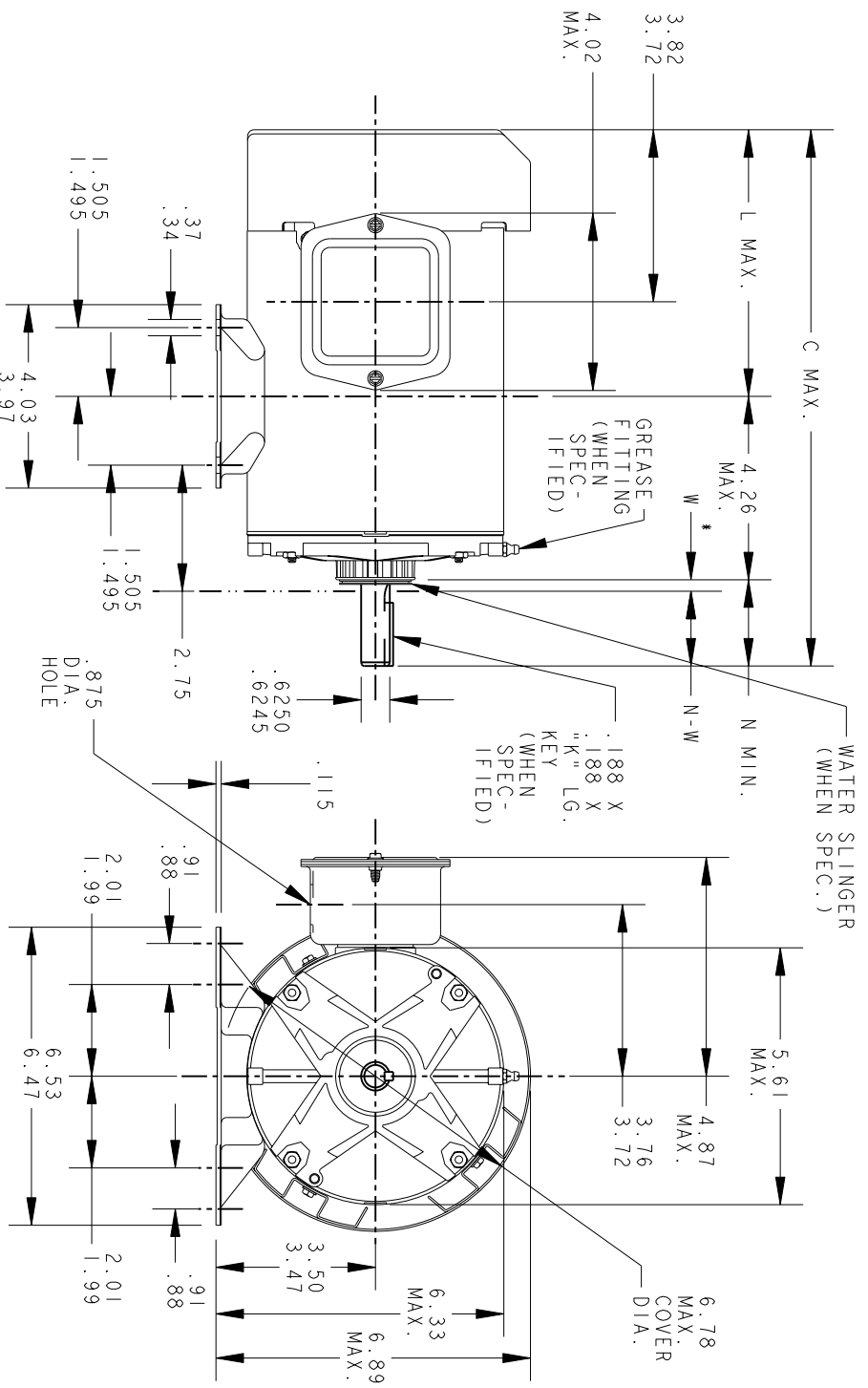
Electrical Type	<b>Three Phase</b>	Starting Method	<b>N/R</b>
Poles	<b>4</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Rigid Base</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>11.4 in</b>
Frame Length	<b>6.22 in</b>	Shaft Diameter	<b>0.630 in</b>
Shaft Extension	<b>1.88 in</b>		
Connection Drawing	<b>113A930FIG1</b>	Outline Drawing	<b>52A102069P4</b>

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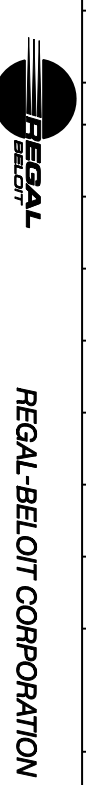
THIRD ANGLE PROJECTION

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		



TITLE  
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		
FOR ADDITIONAL INFO REFER TO:	MFG	
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	B. L. J 03/07/91
MATERIAL	SOLID MODEL:	52A102069

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

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER IS05-1777	06/15/06	MADHU
2	RENAMED 113A930_FIG_1 TO 113A930FIG1 PER IS07-0972	05/08/07	MADHU

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THIRD ANGLE PROJECTION

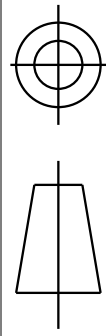
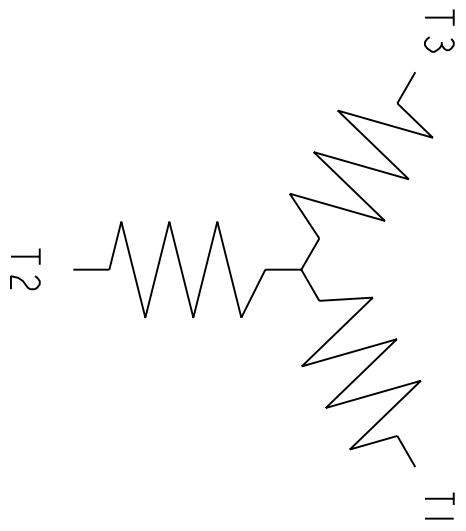


FIG. 1 3 PHASE



VOLTS	L1	L2	L3
1Y SINGLE	1	2	3

BRAKE MOTORS : CONNECT BRAKE LEADS B1 & B2 TO ANY TWO LINE LEADS.

FOR ADDITIONAL INFO REFER TO:		SIGNATURES		DATE
APPLIED PRACTICES	MODEL	M.D. PAPE	02/23/03	
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	QUALITY	M.D. PAPE	02/23/03	
	ISSUED			
MATERIAL	SOLID MODEL: 113A930FIG1			



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CONNECTION DIAGRAM

113A930FIG1 2

SCALE: 1.000 REF. No.: