

# PRODUCT INFORMATION PACKET

Model No: 5K36JN57  
Catalog No: K216  
1/2,3450,DP,56C,3/60/208-230/460  
Three Phase



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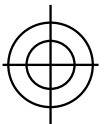
**Nameplate Specifications**

Output HP	<b>1/2 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.0-2.0,1.0 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.6</b>	Phase	<b>3</b>
Efficiency	<b>69.9 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	KVA Code	<b>M</b>
Frame	<b>56C</b>	Enclosure	<b>Drip Proof</b>
Overload Protector	<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>22</b>

**Technical Specifications**

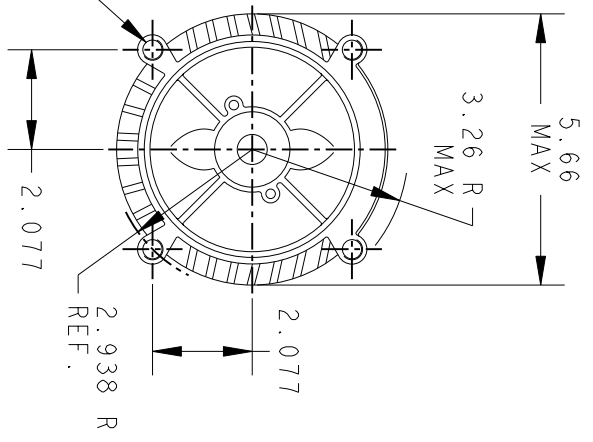
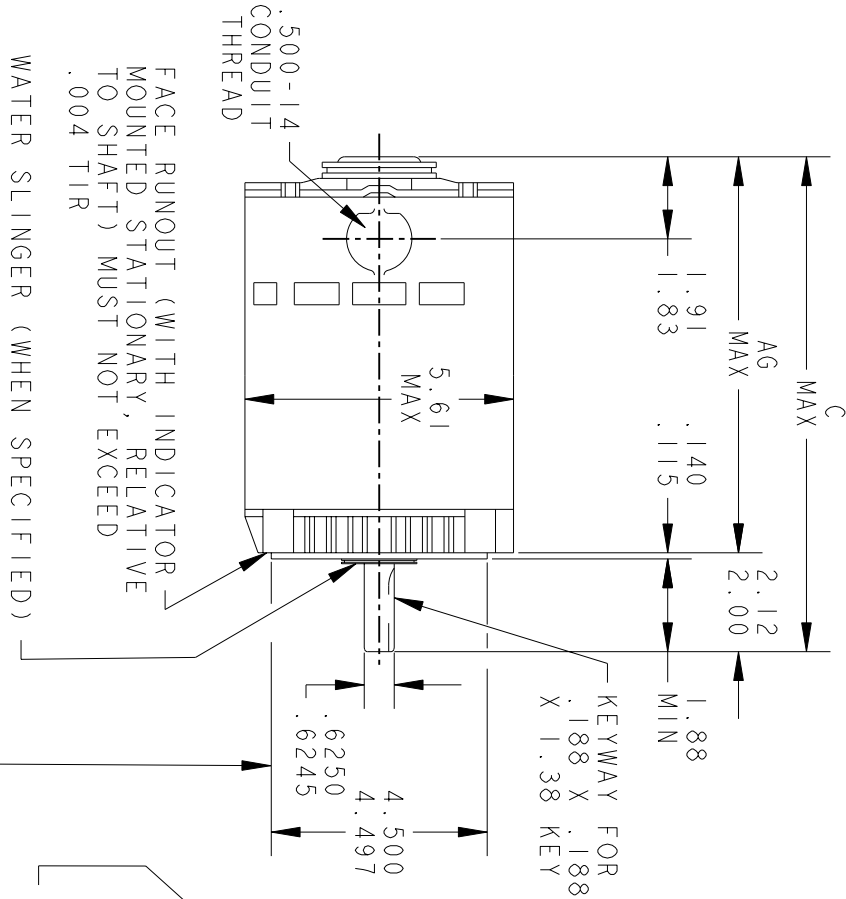
Electrical Type	<b>Three Phase</b>	Starting Method	<b>N/R</b>
Poles	<b>2</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>ANY</b>
Drive End Bearing	<b>LOCKED</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Overall Length	<b>10.31 in</b>
Frame Length	<b>6.22 in</b>	Shaft Diameter	<b>0.63 in</b>
Shaft Extension	<b>1.88 in</b>	Thru-bolts Extension	<b>0</b>
Outline Drawing	<b>52A102321P4</b>	Connection Diagram	<b>113A930FIG2</b>

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THIRD ANGLE PROJECTION

REVISIONS		REVOLUTIONS		
REV.	DESCRIPTION	DATE	APPROVED	
8	REDRAWN NO CHANGE T196-22390	9/9/96	MDP	
9	CHG MADE AS PER IS05-3049	11/30/05	GOVARDAN	



PT	TYPE	GE SIZE	NEMA FR	C	AG	SHELL REF	PT	TYPE	GE SIZE	NEMA FR	C	AG	SHELL REF
4	KC	36	56C	10.31	8.21	8	KC	KC	39	56C	12.58	10.49	8.50
3	KC	35	56C	9.88	7.78	7	KC	KC	39	56C	11.84	9.74	7.75
2	KC	33	56C	9.50	7.40	6	KC	KC	38	56C	11.31	9.21	
1	KC	32	56C	9.25	7.15	5	KC	KC	37	56C	10.71	8.61	



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TITLE

FORM N JET PUMP MOTOR-DRIP PROOF  
R2 END MOUNTED - SLEEVE & BALL BEARING

52A102321 REV 9

FOR ADDITIONAL INFO REFER TO:	MFG	
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	MDP 9/9/96
MATERIAL	SOLID MODEL:	52A102321

SIGNATURES	DATE	SCALE: 1.000	REF. No.:	SHEET 1 of 1
MODEL	JPK 04/25/17			
DETAIL				
CHECKED				
ENGRG				
MFG				
QUALITY				
ISSUED	MDP			

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

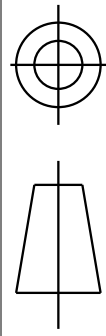
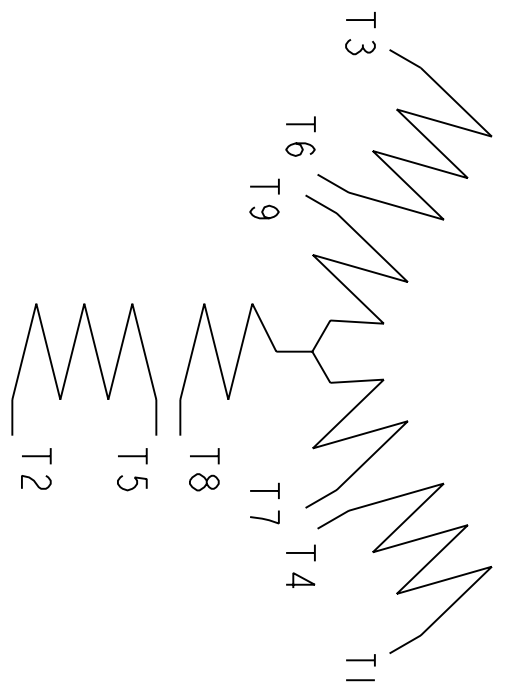


FIG. 2

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:

APPLIED PRACTICES	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES	M.D. PAPE	02/23/03
DETAIL		
CHECKED		
ENGRG		
MFG		
QUALITY		
ISSUED	M.D. PAPE	02/23/03


**REGAL-BELOIT CORPORATION**

TITLE CONNECTION DIAGRAM

TOLERANCE ON:	FINISH
1 PL DECIMALS ± 0.1	✓
2 PL DECIMALS ± 0.02	
3 PL DECIMALS ± 0.005	
ANGLES ± 1.0	
FRACTIONS ±	
MATERIAL	SOLID MODEL: 113A930FIG2

SIZE DRAWING A  
 SCALE: 1.000 REF. No.:  
**113A930FIG2** REV 2  
 SHEET 1 of 1