

PRODUCT INFORMATION PACKET

Model No: 5K37MN38
Catalog No: KG219
3/4,3600,DP,56J,3/60/208-230/460
Three Phase



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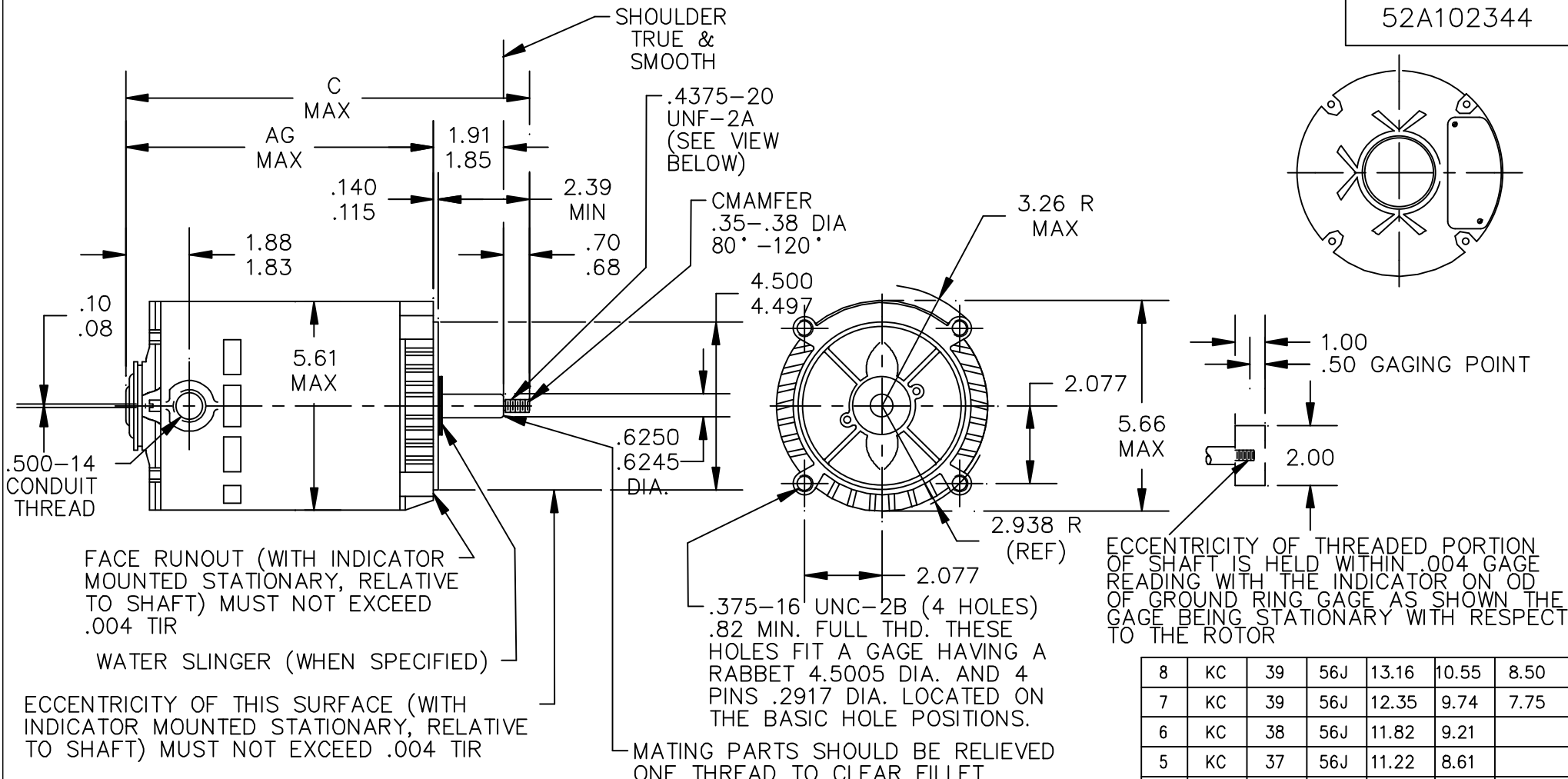
Nameplate Specifications

Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.6-2.6,1.3 A	Speed	3450 rpm
Service Factor	1.5	Phase	3
Efficiency	74.2 %	Duty	Continuous
Insulation Class	B	KVA Code	M
Frame	56J	Enclosure	Drip Proof
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	Round	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	11.22 in
Frame Length	6.62 in	Shaft Diameter	0.63 in
Shaft Extension	2.39 in		
Outline Drawing	52A102344P5	Connection Diagram	113A930FIG2

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ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004 GAGE READING WITH THE INDICATOR ON OD OF GROUND RING GAGE AS SHOWN THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR

8	KC	39	56J	13.16	10.55	8.50
7	KC	39	56J	12.35	9.74	7.75
6	KC	38	56J	11.82	9.21	
5	KC	37	56J	11.22	8.61	
4	KC	36	56J	10.82	8.21	
3	KC	35	56J	10.39	7.78	
2	KC	33	56J	10.01	7.40	
1	KC	32	56J	9.76	7.15	
PT	TYPE	RBC	NEMA	C	AG	SHELL

FACE RUNOUT (WITH INDICATOR MOUNTED STATIONARY, RELATIVE TO SHAFT) MUST NOT EXCEED .004 TIR

WATER SLINGER (WHEN SPECIFIED)

ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY, RELATIVE TO SHAFT) MUST NOT EXCEED .004 TIR

MATING PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET

				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN P00 05/16/06			
				DEC.	INCHES			CHK			
				.X	±0.1	TITLE		APPD P00 05/16/06			
				.XX	±0.02			SCALE 1=1			
8	RE DRAWN IN DRAFTSIGHT -NO CHANGES	PVR 09/08/12	PKG	.XXX	±0.005	OUTLINE		REF			
7	UPDATED AS PER ISAAC 05-2821	11/07/05	PKG	.XXXX	±0.0005			JET PUMP MOTOR-DRIP PROOF-R2 END MOUNTED		FMF 5KC37LN53T	
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	FINISH				PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP				CAD FILE 52A102344		SIZE	DRAWING NO.
				DIST				A	52A102344		8

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

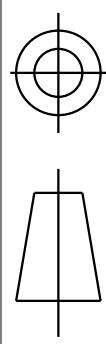
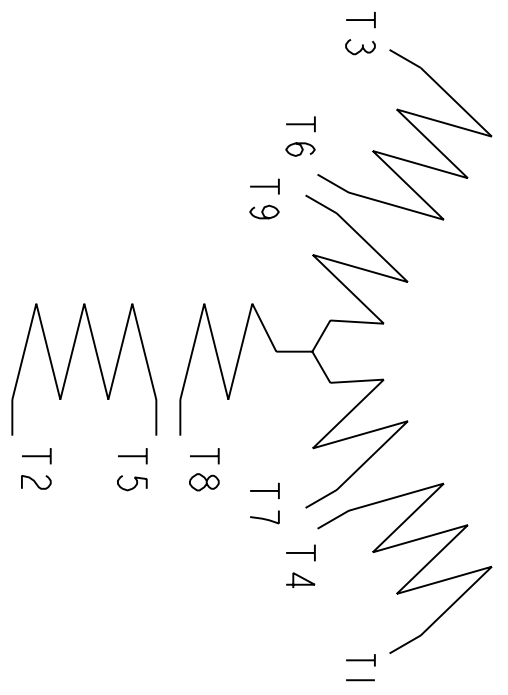


FIG. 2

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	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
MATERIAL	ISSUED			
	SOLID MODEL: 113A930F162			



REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

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