

PRODUCT INFORMATION PACKET

Model No: 5KC39NN50X

Catalog No: C332

3/4 HP Single Phase HVAC/R Motor, 1 phase, 3600 RPM, 115/230 V, 56C Frame, ODP
HVAC/R Single Phase Motors



Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115/230 V
Current	11.2,5.6 A	Speed	3450 rpm
Service Factor	1.5	Phase	1
Efficiency	66.2 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	M	Frame	56C
Enclosure	Drip Proof	Thermal Protection	AUTO
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	Capacitor Start Induction Run	Starting Method	SM
Poles	2	Rotation	Clockwise/Counterclockwise
Mounting	Round	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	11.84 in
Frame Length	7.75 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in	Thru-bolts Extension	0 in
Outline Drawing	52A102689P6	Connection Drawing	52A105383AA

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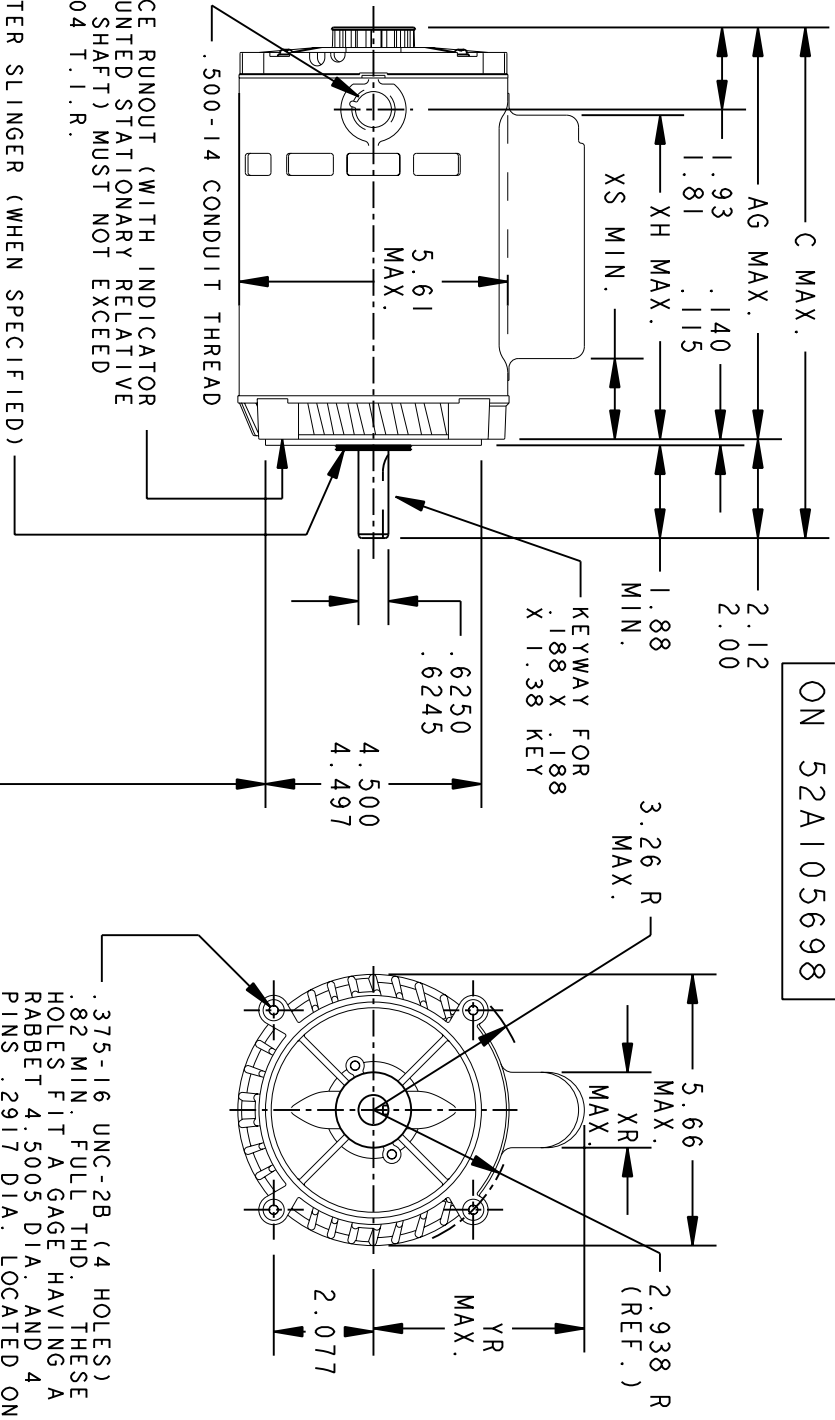
THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
9	1.88 MIN. WAS 1.88 MAX	07/30/92	BLJ
10	FORMAT CHG PER ISAAC 05-1777	01/06/06	RAJKUMAR
11	UPDATED AS PER ISAAC 06-0816	04/06/06	ARCHANA

CONTINUED
ON 52A105698



ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R.

.375-16 UNC-2B (4 HOLES)
.82 MIN. FULL THD. THESE HOLES FIT A GAGE HAVING A RABBET 4.5005 DIA. AND 4 PINS .2917 DIA. LOCATED ON THE BASIC HOLE POSITIONS.

8	KC	39	56C	12.59	10.49	2.66	8.32	1.60	4.34	8.50
7	KC	39	56C	12.59	10.49	3.27	8.91	1.60	4.34	8.50
6	KC	39	56C	11.84	9.74	2.52	8.16	1.60	4.34	7.75
5	KC	38	56C	11.31	9.21	1.99	7.63	1.60	4.34	
4	KC	37	56C	10.71	8.61	1.39	7.03	1.60	4.34	
3	KC	36	56C	10.31	8.21	1.39	6.63	1.60	4.34	
2	KC	37	56C	10.71	8.61	1.39	7.03	2.22	4.96	
1	KC	39	56C	12.59	10.49	3.02	8.66	1.60	4.34	8.50
P	TYPE	GE SIZE	NEMA FR	C	AG	XS	XH	XR	YR	SHELL REF.



REGAL-BELOTT CORPORATION

OUTLINE

FORM N - PUMP MOTOR - DRIP PROOF - R2 END MOUNTED
SLEEVE & BALL BEARING - FMF:5KC37MM134T

SIGNATURES		DATE
MODEL	B.A.C	04/24/78
DETAIL		
CHECKED		
ENGRG		
MFG		
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	B.L.J 03/23/92
MATERIAL	SOLID MODEL: 52A102689	

SCALE: 0.250	REF. No:	SHEET 1 of 1
SIZE: DRAWING A	REV 11	
52A102689		

EITHER ROTATION, DUAL VOLTAGE, TYPE KC OR KH, WITH THERMAL PROTECTION



NOTE #1 - START CAP & J9 WHEN SPECIFIED (*). IF NO CAPACITOR (KH), CONNECT T5 DIRECTLY TO SWITCH (A). WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.

NOTE #2 - TO REVERSE ROTATION, INTER CHANGE RD(T8) AND BLK(J9-KC OR T5-KH) LEADS.

SWITCH REF. - 115D958AB	CONNECTION LABEL	CCW ROTATION: NP52X332051AA
		CW ROTATION: NP52X332051AC

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN M.D.P 06/29/87		
				DEC.	INCHES				
				.X	±0.1	REGAL-BELOIT CORPORATION TITLE CONNECTION DIAGRAM 30 FRAME SWITCH REDESIGN	CHK		
				.XX	±0.02		APPD M.D.P 03/26/96		
5	ADDED CONNECTION LABEL PER ECO-0030779	UD 02/06/13	PKG	.XXX	±0.005	MAT'L.	SCALE 1=1		
4	UPDATED PER ISO7-0150	MD 01/23/07		.XXXX	±0.0005		REF		
				ANG	±1.0	PREV			
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