

# PRODUCT INFORMATION PACKET

Model No: 5KC39QN3220X

Catalog No: C1152

General Purpose Motor, 0.50 HP, 1 Ph, 60 Hz, 115/208-230 V, 3600 RPM, 48 Frame, DP



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### Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>8.2,3.9-4.1 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.25</b>	Phase	<b>1</b>
Efficiency	<b>66 %</b>	Power Factor	<b>0</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>48</b>
Enclosure	<b>Drip Proof</b>	Thermal Protection	<b>Automatic</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>
Number of Speeds	<b>1</b>		

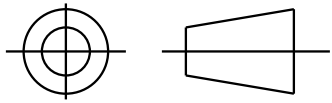
### Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>SM</b>
Poles	<b>2</b>	Rotation	<b>Counterclockwise/Clockwise</b>
Mounting	<b>Resilient 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 in</b>
Frame Length	<b>7.22 in</b>	Shaft Diameter	<b>0.500 in</b>
Shaft Extension	<b>1.5 in</b>		
Outline Drawing	<b>52A101469P7</b>	Connection Drawing	<b>52A105383AA</b>

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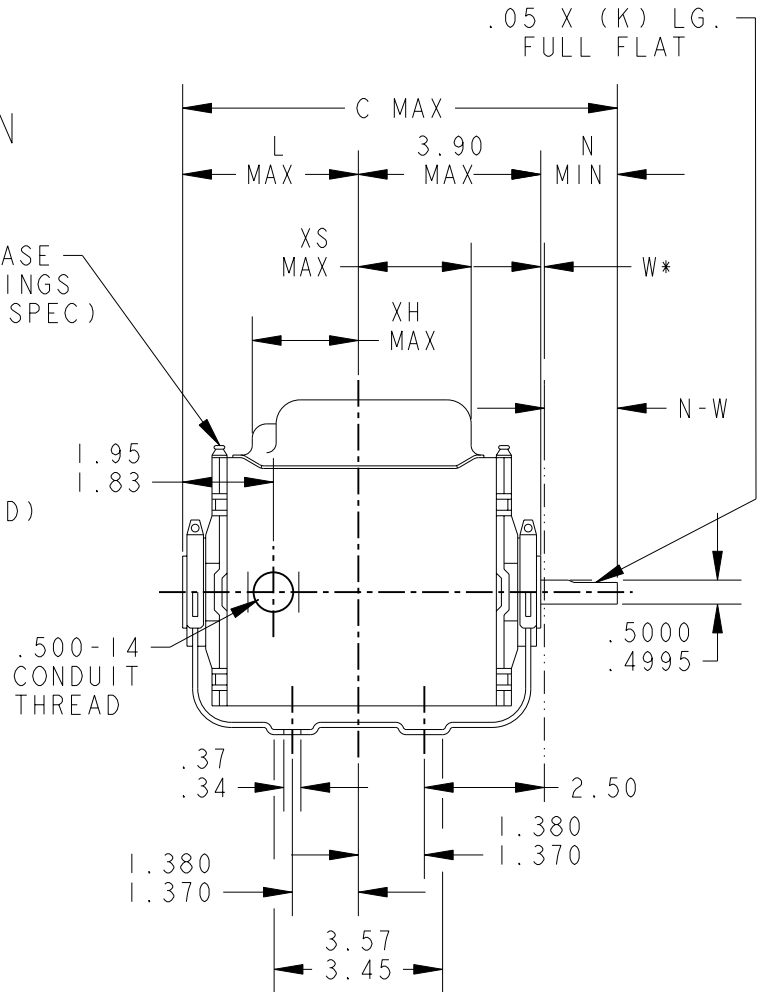
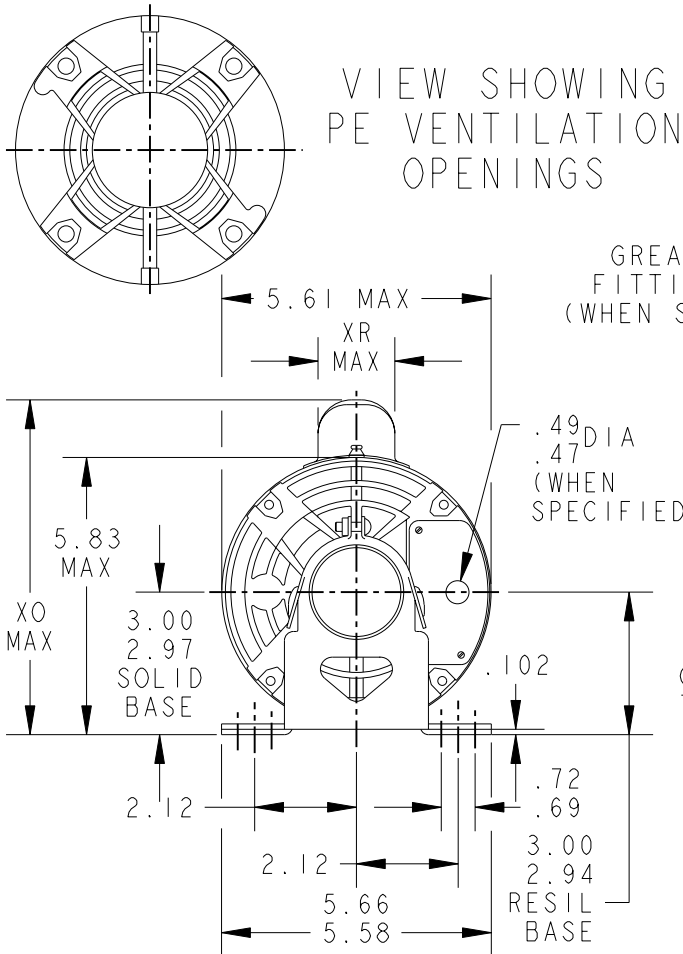
SHEET 10  
REV 10  
52A101469  
SIZE DRAWING NO. A

THIRD ANGLE PROJECTION



REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
9	REDRAWN NO CHANGE T196-22390	07/10/96	MDP
10	CHG TO RBC FORMAT PER IS 05-1777	12/15/05	GOVARDAN



\*W IS A CLEARANCE DUE TO VARIATION IN PARTS & ASSEMBLY.

7	KC	38	48	11.00	5.65	4.02	7.31	1.60	1.75	1.50	1.63/1.41	1.16
6	KC	35	48Z	10.32	4.22	2.59	7.93	2.22	1.97	2.25	2.38/2.16	1.91
5	KC	36	48	10.00	4.65	3.02	7.93	2.22	1.22	1.50	1.63/1.41	1.16
4	KC	37	48	10.40	5.05	3.42	7.31	1.60	2.35	1.50	1.63/1.41	1.16
3	KC	36	48	10.00	4.65	3.02	7.31	1.60	2.35	1.50	1.63/1.41	1.16
2	KC	35	48	9.57	4.22	2.59	7.31	1.60	1.97	1.50	1.63/1.41	1.16
1	KC	33	48	9.19	3.84	2.21	7.31	1.60	2.35	1.50	1.63/1.41	1.16

PT	TYPE	GE SIZE	NEMA FR	C	L	XH	XO	XR	XS	N	N-W	K
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SIGNATURES		DATE
MODEL	GLB	02/18/75
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	MDP	07/10/96
SOLID MODEL: 52A101469		



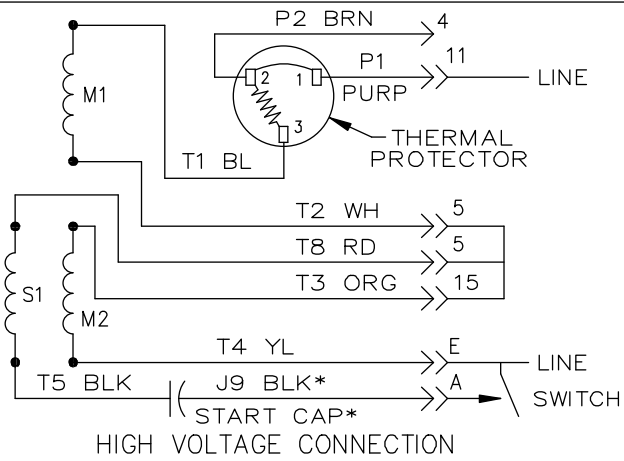
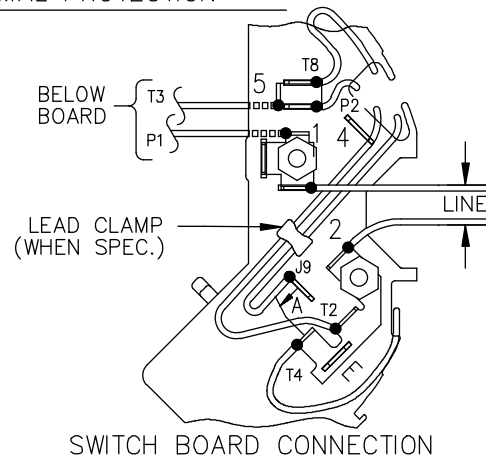
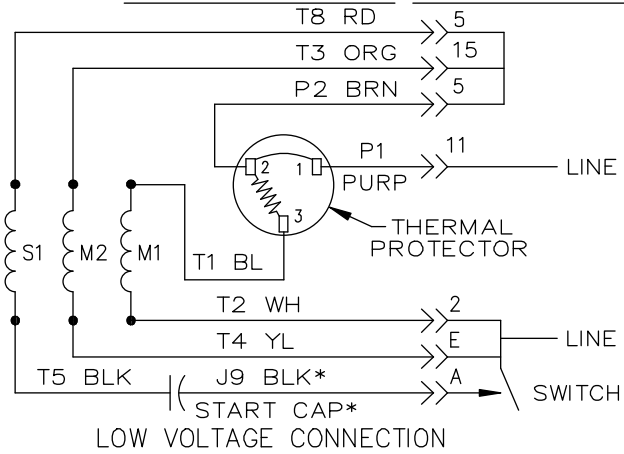
REGAL-BELOIT CORPORATION

TITLE  
**OUTLINE**  
**FORM N - GENERAL PURPOSE MOTOR - DRIP PROOF -**  
**SOLID OR RESIL BASE - BALL OR SLEEVE BEARING**

FOR ADDITIONAL INFO REFER TO:  
APPLIED PRACTICES  
DIMENSIONS ARE IN INCHES ✓  
MATERIAL

SIZE DRAWING	A	52A101469	REV 10
SCALE: 1.000	REF. No: .	SHEET 1 of 1	

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	<b>REGAL-BELOIT CORPORATION</b> 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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				DIST			A	52A105383AA	5