

PRODUCT INFORMATION PACKET

Model No: 5KCR49PN3011
Catalog No: C420
3/4-1/4,1725/1140,DP,56,1/60/115
Fan and Blower



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Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115 V
Current	9.0,6.4 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Efficiency	70 %	Duty	Continous
Insulation Class	B	KVA Code	J
Frame	56	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		

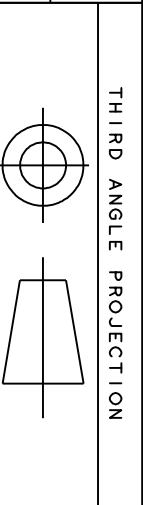
Technical Specifications

Electrical Type	Capacitor Start Capacitor Run(CSCR)	Starting Method	SM
Poles	4	Rotation	Selective Counterclockwise
Mounting	Resilient Base	Motor Orientation	Any
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	11.48 in
Frame Length	7.15 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in	Thru-bolts Extension	0
Outline Drawing	52A109607P1	Connection Diagram	52A106478AA

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REVISIONS



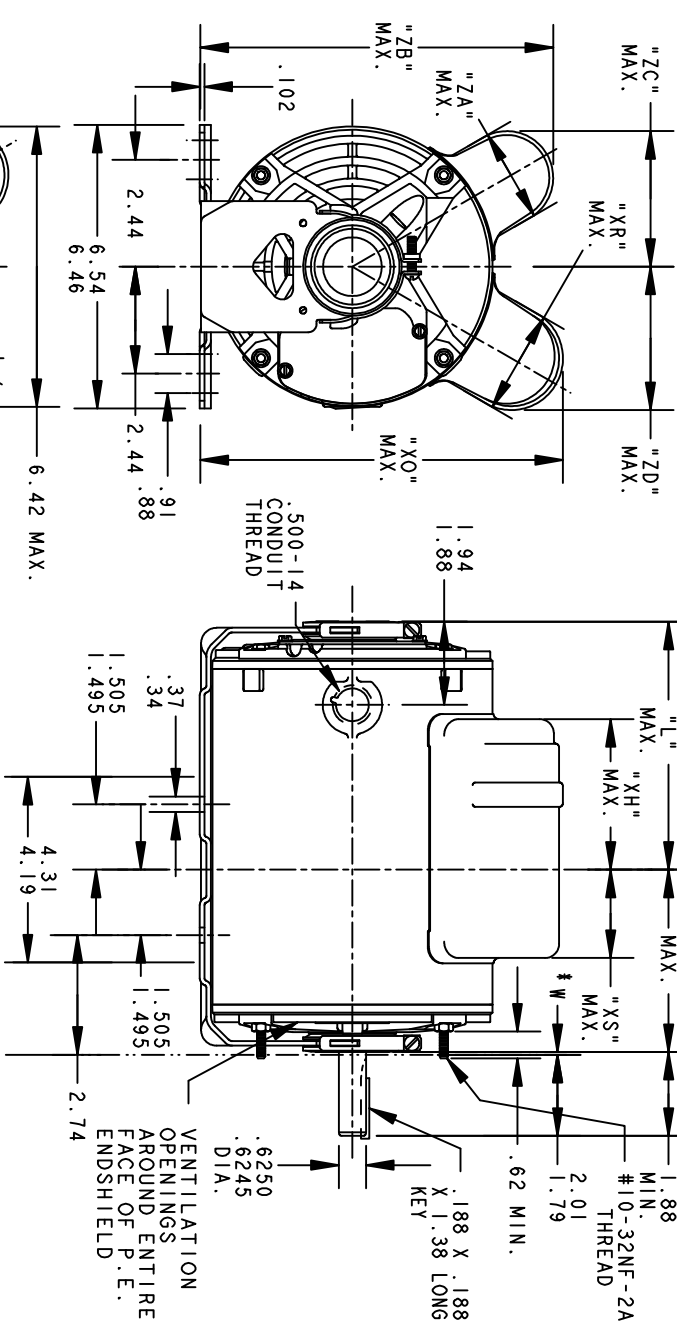
REV.	DESCRIPTION	DATE	APPROVED
6	ADDED PT#6 PER DS11-1413 REDESIGN	06/15/2011	BHASKAR

52A109607

DRAWING NO.

SIZE A

SHEET 1



* W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

6	5	4	3	2	1	P	6	5	4	3	2	1	P
KCR	KCR	KC	KCR	KCR	KCR	KCR	49	56	56	56	56	56	56
49	48	46	49	49	49	49	56	12.01	12.54	10.78	12.01	11.48	11.48
56	56	56	56	56	56	56	56	6.75	6.50	4.62	5.75	5.22	5.22
3.62	4.37	2.92	3.62	3.62	3.48	3.48	3.48	8.16	7.92	7.81	7.74	8.16	7.56
2.10	1.60	1.60	2.30	2.30	1.60	2.26	2.26	2.10	2.39	2.82	2.10	2.10	2.10
8.16	8.16	8.18	8.16	8.16	8.16	8.16	8.16	3.15	8.16	8.18	8.16	3.15	3.15
3.15	3.16	3.20	3.15	3.15	3.15	3.15	3.09	7.15	8.43	6.55	7.68	7.15	7.15
7.68	8.43	6.55	7.68	7.68	7.15	7.15	7.15	7.68	8.43	6.55	7.68	7.15	7.15
GE	NEMA	"C"	"L"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN.	MIN.
SIZE	FR	"C"	"L"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	SHELL	SHELL



REGAL-BELOIT CORPORATION

OUTLINE

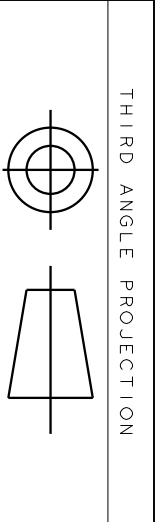
TITLE
40 FRAME REDESIGN - GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING - RESILIENT BASE FMF: SKCR49PN3012X

FOR ADDITIONAL INFO REFER TO:	DETAIL	CHECKED	ENGRG	MFG	QUALITY	ISSUED	M.D. PAPER	DATE
APPLIED FRACTICES DIMENSIONS ARE IN INCHES								
MATERIAL	SOLID MODEL: 52A109607							

SIGNATURES	DATE
MA MARKS	04/06/94
M.D. PAPER	02/11/00

SCALE: 0.250 REF. No.:
 SIZE DRAWING A
52A109607

REV
1 of 1



THIRD ANGLE PROJECTION

REV.	DESCRIPTION	DATE	APPROVED
5	UPDATED TO RBC FORMAT	01/09/06	MAM

EITHER ROTATION
 SINGLE VOLTAGE
 TYPE KC, KCR, OR KH
 2 SPEED
 POLE CHANGING

T1 OR BLUE

T2 OR WHITE

T8 OR RED

J10 OR RED

MAIN (HI)

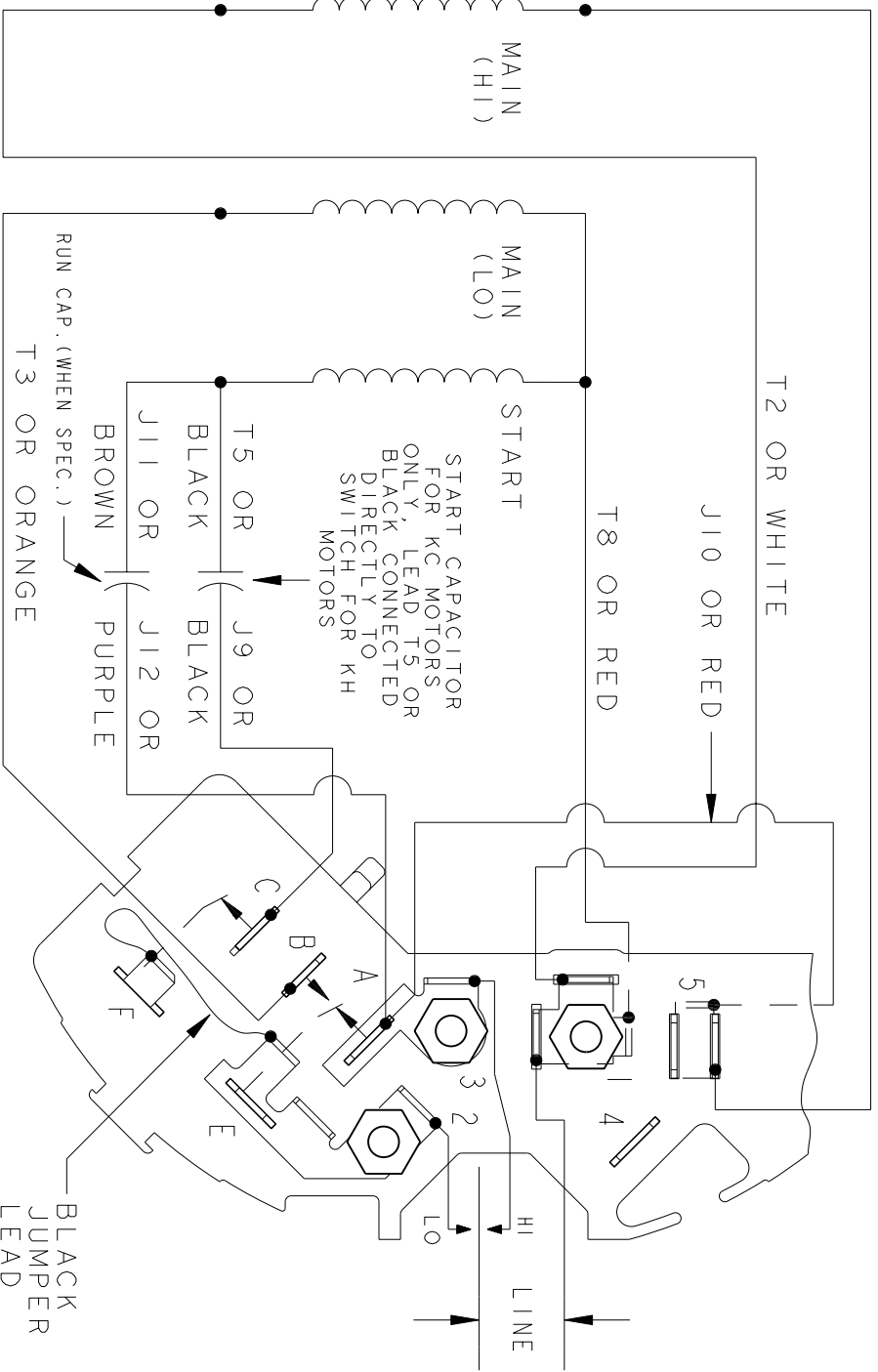
MAIN (LO)

START

START CAPACITOR
 FOR KC MOTORS
 ONLY, LEAD T5 OR
 BLACK CONNECTED
 DIRECTLY TO
 SWITCH FOR KH
 MOTORS

T5 OR BLACK
 J11 OR BROWN
 J9 OR BLACK
 J12 OR PURPLE
 RUN CAP. (WHEN SPEC.)
 T3 OR ORANGE

BLACK
 JUMPER
 LEAD



NOTE #1 - TO REVERSE ROTATION INTERCHANGE BLUE (T1) AND WHITE (T2) LEADS.
 NOTE #2 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

SWITCH (D) - 115D9558BA

CONNECTION LABEL - 52X332073

REF. DIAG. - 121A865

SIGNATURES	DATE
MODEL M.D.P.	12/14/87
DETAIL	
CHECKED	
ENGRG	
MFG	
QUALITY	
ISSUED M.D.P.	12/14/87
APPLIED PRACTICES	
DIMENSIONS ARE IN INCHES	
MATERIAL	SOLID MODEL: 52A106478AA



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TITLE CONNECTION DIAGRAM

FMF: 5KH36KN114G

52A106478AA

REV 5

SCALE: 1.000 REF. No.:

SHEET 1 of 1