

PRODUCT INFORMATION PACKET



Model No: 5KCR49PN3011X

Catalog No: C474

General Purpose Motor, 3/4-1/4 HP, 1 Ph, 60 Hz, 115 V, 56 Frame, DP



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Nameplate Specifications

Phase	1	Output HP	3/4-1/4 Hp
Output KW	0.56 kW	Voltage	115 V
Speed	1725/1140 rpm	Service Factor	1.25
Frame	56	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	9.0/6.4 A
Power Factor	0	Duty	Continuous
Insulation Class	B	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Shaft Diameter	0.625 in
Outline Drawing	52A109607P1	Connection Drawing	52A105385AF

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

52A109607

SIZE DRAWING NO. A

FRONT VIEW: Dimensions include "ZC" MAX., "XR" MAX., "ZD" MAX., "ZA" MAX., "ZB" MAX., "XO" MAX., .102, 2.44, 6.54, 6.46, .91, .88, 6.42 MAX., 2.094 REF., 6.74 MAX., 3.50, 3.47, and VIEW OF P.E. END SHIELD.

SIDE VIEW: Dimensions include "C" MAX., "L" MAX., "XH" MAX., "XS" MAX., #W, 4.26 MAX., 1.88 MIN., #10-32NF-2A THREAD, 2.01, 1.79, .62 MIN., .188 X .188 X 1.38 LONG KEY, .6250 DIA., .6245 DIA., VENTILATION OPENINGS AROUND ENTIRE FACE OF P.E. END SHIELD, .37, .34, 1.505, 1.495, 4.31, 4.19, 2.74, and .500-14 CONDUIT THREAD.

END VIEW: Dimensions include .500-14 CONDUIT THREAD, .37, .34, 1.505, 1.495, 4.31, 4.19, 2.74, and .500-14 CONDUIT THREAD.

REVISIONS: #W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

6	KCR	49	56	12.01	6.75	3.62	8.16	2.10	2.30	2.10	8.16	3.15	3.15	7.68
5	KCR	48	56	12.54	6.50	4.37	7.92	1.60	2.39	2.10	8.16	3.15	3.16	8.43
4	KC	46	56	10.78	4.62	2.92	7.81	1.60	2.82	2.15	8.18	3.20	2.89	6.55
3	KCR	49	56	12.01	5.75	3.62	7.74	1.60	2.30	2.10	8.16	3.15	2.80	7.68
2	KCR	49	56	11.48	5.22	3.48	8.16	2.40	2.26	2.10	8.16	3.15	3.30	7.15
1	KCR	49	56	11.48	5.22	3.48	7.56	1.60	2.26	2.10	8.16	3.15	3.09	7.15
P	TYPE	GE SIZE	NEMA FR	"C"	"L"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	MIN. SHELL

SIGNATURES		DATE	REGAL-BELOIT CORPORATION
MODEL	MA MARKS	04/06/94	
DETAIL	.	.	
CHECKED	.	.	
ENGRG	.	.	
MFG	.	.	
FOR ADDITIONAL INFO REFER TO:			TITLE OUTLINE 40 FRAME REDESIGN - GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING - RESILIENT BASE FMF: 5KCR49PN3012X
APPLIED PRACTICES	QUALITY	.	
DIMENSIONS ARE IN INCHES	ISSUED	M.D.PAPE 02/17/00	
MATERIAL	SOLID MODEL: 52A109607		

SIZE	DRAWING	52A109607	REV	
A				
SCALE: 0.250		REF. No: .		SHEET 1 of 1



THIRD ANGLE PROJECTION		REVISIONS			
REV	SHEET	REV.	DESCRIPTION	DATE	APPROVED
1	1	1	UPDATED FORMAT	12/19/05	MAM

52A105385AF

EITHER ROTATION
SINGLE VOLTAGE
TYPE KC WITH
THERMAL PROTECTOR
2 SPEED
POLE CHANGING
(HI SPEED START WINDING)

T2 OR WHITE

THERMAL PROTECTOR

T1 OR BLUE

P1 OR PURPLE

J10 OR RED

P2 OR BROWN

T8 OR RED

START

HI MAIN

LO MAIN

START CAPACITOR

T5 OR BLACK

J9 OR BLACK

J11 OR BROWN

J12 OR PURPLE

T3 OR ORANGE

RUN CAPACITOR

5

4

3

2

1

HI

LO

LINE

A

B

C

E

F

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.

REF. DIAG. - 52A101511

SWITCH (D) - 115D958BA

CONNECTION LABEL - 52X332052

FOR ADDITIONAL INFO REFER TO:	SIGNATURES	DATE		REGAL-BELOIT CORPORATION		
	MODEL	B. JOHNSON				08/19/92
	DETAIL	.				.
	CHECKED	.				.
	ENGRG	.				.
MFG	.	.	TITLE	CONNECTION DIAGRAM		
QUALITY	.	.				
ISSUED	B.L.J.	08/19/92				
SOLID MODEL: 52A105385AF						
MATERIAL			SIZE	DRAWING	REF. No:	SHEET 1 of 1
			A			

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