

PRODUCT INFORMATION PACKET



Model No: 5KH46MN3025

Catalog No: H173

Fan and Blower Motor, 1/3-1/9 HP, 1 Ph, 60 Hz, 115 V, 56 Frame, DP



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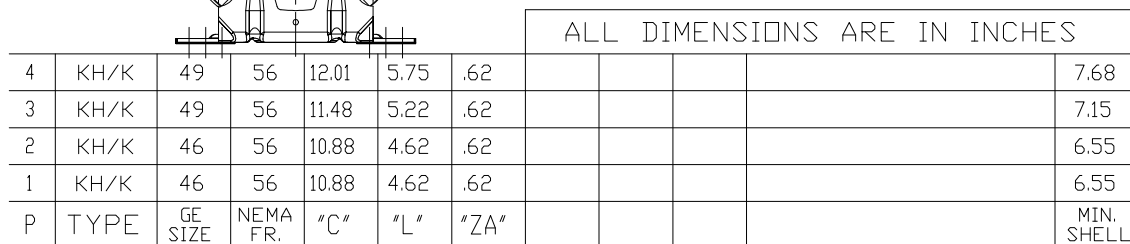
Nameplate Specifications

Phase	1	Output HP	1/3-1/9 Hp
Output KW	0.25 kW	Voltage	115 V
Speed	1725/1140 rpm	Service Factor	1.35
Frame	56	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	5.7/3.2 A
Power Factor	0	Duty	Continuous
Insulation Class	B	KVA Code	P
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Split Phase	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
Connection Drawing	52A106478AA	Outline Drawing	52A109511P2

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4	KH/K	49	56	12.01	5.75	.62				7.68
3	KH/K	49	56	11.48	5.22	.62				7.15
2	KH/K	46	56	10.88	4.62	.62				6.55
1	KH/K	46	56	10.88	4.62	.62				6.55
P	TYPE	GE SIZE	NEMA FR.	"C"	"L"	"ZA"				MIN. SHELL

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN M.A.M 03/29/94				
				DEC.	INCHES		CHK				
				.X	± .1		APPD M.A.M 03/29/94				
				.XX	± .03	TITLE OUTLINE GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING - RESILIENT BASE EXTENDED CLAMP SCREWS FMF - 40 FRAME REDESIGN			SCALE 1=4		
4	UPDATED BASE AS PER ECR-0224925	PS 09/29/2023	SN .XXX	± .005				REF			
3	CHG TO RBC FORMAT PER ISO5-1777	03/16/06	SUDHA .XXXX	± .0005	MAT'L.			FMF			
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"	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 52A109511			SIZE	DRAWING NO.	PAGE OF	REV.
			DIST					A	52A109511		4



THIRD ANGLE PROJECTION		REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED		
5	UPDATED TO RBC FORMAT	01/09/06	MAM		

52A106478AA

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SIZE DRAWING NO. A

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

T1 OR BLUE

T2 OR WHITE

J10 OR RED

T8 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

J9 OR BLACK

J11 OR BROWN

J12 OR PURPLE

RUN CAP. (WHEN SPEC.)

T3 OR ORANGE

HI

LO

LINE

BLACK JUMPER LEAD

A

B

C

E

F

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. - 121A865

SWITCH (D) - 115D958BA

CONNECTION LABEL - 52X332073

SIGNATURES		DATE	REGAL-BELOIT CORPORATION	
MODEL	M.D.P.	12/04/87	TITLE CONNECTION DIAGRAM	
DETAIL	.	.		
CHECKED	.	.		
ENGRG	.	.		
MFG	.	.		
FOR ADDITIONAL INFO REFER TO:	QUALITY	.	FMF: 5KH36KN114G	
APPLIED PRACTICES	ISSUED	M.D.P. 12/04/87	SIZE DRAWING	
DIMENSIONS ARE IN INCHES			A	
MATERIAL	SOLID MODEL: 52A106478AA		52A106478AA	
		SCALE: 1.000	REF. No: .	REV 5
		SHEET 1 of 1		

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