

PRODUCT INFORMATION PACKET



Model No: 5KH32DN5618T

Catalog No: 5KH32DN5618T

Fan and Blower Motor, 0.25 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, 48Y Frame, OPEN



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Nameplate Specifications

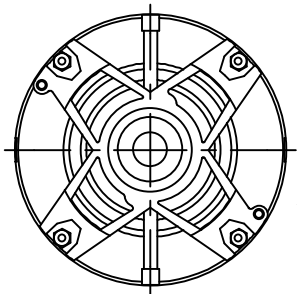
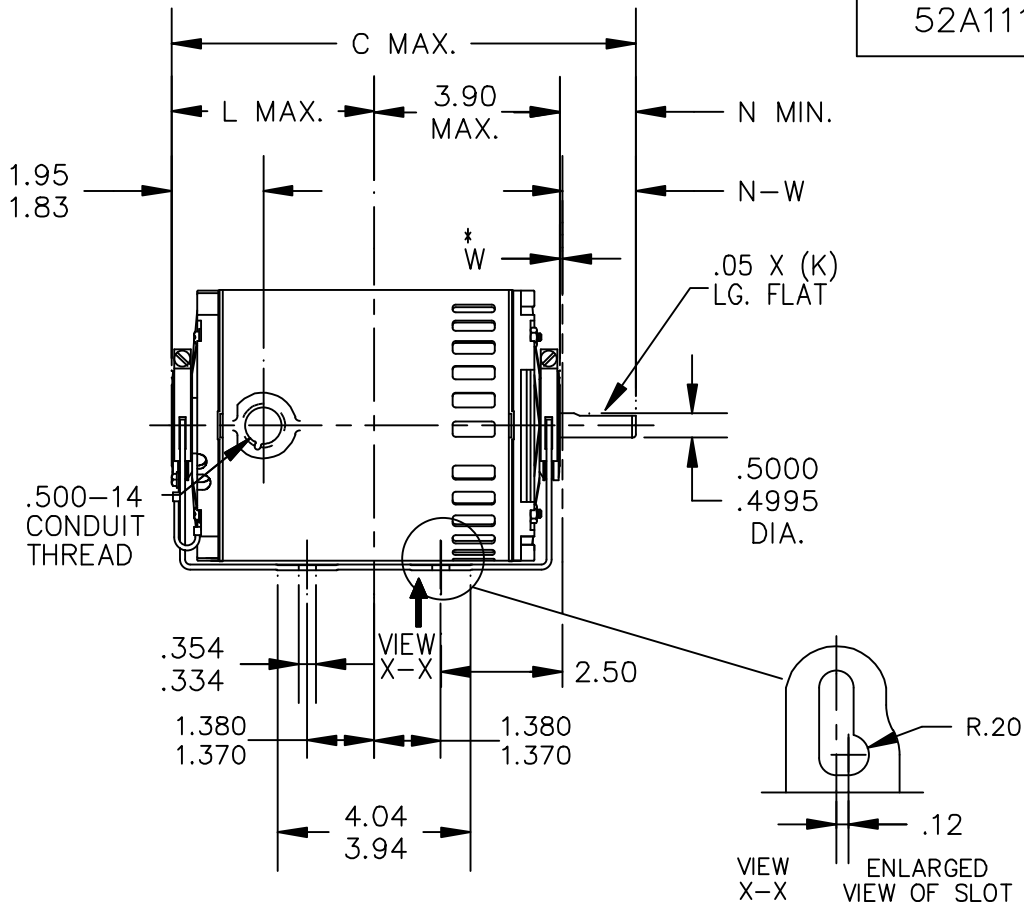
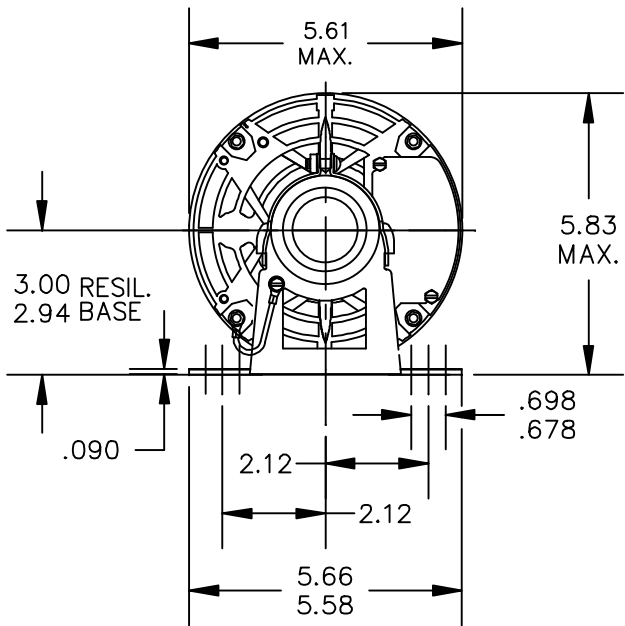
Phase	1	Output HP	0.25 Hp
Output KW	0.19 kW	Voltage	115 V
Speed	1725 rpm	Service Factor	1.35
Frame	48Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Efficiency	51.9 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	5.1 A	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	P	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N
Number of Speeds	1		

Technical Specifications

Electrical Type	Split Phase	Starting Method	SM
Poles	4	Rotation	Clockwise/Counterclockwise
Mounting	Resilient Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	8.94 in
Frame Length	5.16 in	Shaft Diameter	0.500 in
Shaft Extension	1.5 in		
Connection Drawing	52A105379AA	Outline Drawing	52A111771P2

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52A111771



VIEW
SHOWING P.E.
VENTILATION
OPENINGS

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

4	K KH	32	48Y	8.94	1.25	3.59	1.50	1.63/1.41
3	K KH	33	48Y	9.19	1.16	3.84	1.50	1.63/1.41
2	K KH	32	48Y	8.94	1.16	3.59	1.50	1.63/1.41
1	K KH	35	48Y	9.57	1.16	4.22	1.50	1.63/1.41
P	TYPE	RBC SIZE	NEMA FR	C	K	L	N	N—W

			TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION				DRAWN DS 02/26/07	
			DEC.	INCHES					CHK	
3	CHG GD LD 4:30 TO 7:30 PER IS11-0510 & REDRAWN IN DRAFT SIGHT	UD 9/24/12	PKG	.X	±0.1	TITLE OUTLINE DRIP PROOF RESIL. BASE				APPD DS 02/26/07
2	ADDED P4 PER IS10 - 2231	PN 9/16/10		.XX	±0.02					SCALE 1=1
1	GROUND LEAD ADDED PER ISO7-0531	BM 10/26/07		.XXX	±0.005					REF
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	MAT'L.				FMF
			RFP	CAD FILE 52A111771				SIZE A	DRAWING NO. 52A111771	REV. 3
			DIS							

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52A105379AA 6

REV

SHEET

SIZE DRAWING NO. A

THIRD ANGLE PROJECTION

REV.	DESCRIPTION	DATE	APPROVED
6	UPDATED FORMAT	12/01/05	MAM

EITHER ROTATION-SINGLE VOLTAGE-TYPE KC OR KH-WITH THERMAL PROTECTOR

ALTERNATE THERMOSTAT CONNECTION

BACKUP PROTECTOR FOR UL507 ONLY

PI BROWN OR PURPLE

LINE

THERMAL PROTECTOR

P2 OR BROWN

15

T1 OR BLUE

5

T8 OR RED

5

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

T5 OR BLACK

J9 OR BLACK

A

T4 OR YELLOW

E

SWITCH

LINE

STANDARD ROTATION

BELOW BOARD

P2

P1

T1

T8

J9

T4

5

4

2

LEAD CLAMP (WHEN SPEC.)

LINE

SWITCH BOARD CONNECTION

ALTERNATE THERMOSTAT CONNECTION

BACKUP PROTECTOR FOR UL507 ONLY

PI BROWN OR PURPLE

LINE

THERMAL PROTECTOR

P2 OR BROWN

15

T1 OR BLUE

5

T8 OR RED

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

T5 OR BLACK

J9 OR BLACK

A

T4 OR YELLOW

E

SWITCH

LINE

REVERSED ROTATION

BELOW BOARD

P2

P1

T1

T8

J9

T4

5

4

2

LEAD CLAMP (WHEN SPEC.)

LINE

SWITCH BOARD CONNECTION

NOTE #1 - TO REVERSE ROTATION INTERCHANGE RED (T8) AND BLACK (J9-KC OR T5-KH) LEADS.

NOTE #2 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

SWITCH (C) - 115D958AB

REF. DIAG. - 121A851

CONN. LABEL - 52X332048

SIGNATURES		DATE
MODEL	M.D. PAPE	06/29/87
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.

FOR ADDITIONAL INFO REFER TO:

APPLIED PRACTICES

DIMENSIONS ARE IN INCHES

MATERIAL

REGAL-BELOIT CORPORATION

TITLE

CONNECTION DIAGRAM

FMF - 30 FR SWITCH REDESIGN

SIZE A

DRAWING

SCALE: 1.000

REF. No:

REV 6

SHEET 1 of 1