

PRODUCT INFORMATION PACKET

Model No: 5KH32DN3085

Catalog No: HG156

1/6 HP Fan and Blower HVAC/R Motor, 1 phase, 1800 RPM, 115 V, 48Z Frame, ODP
Other Fan and Blower Motors





Nameplate Specifications

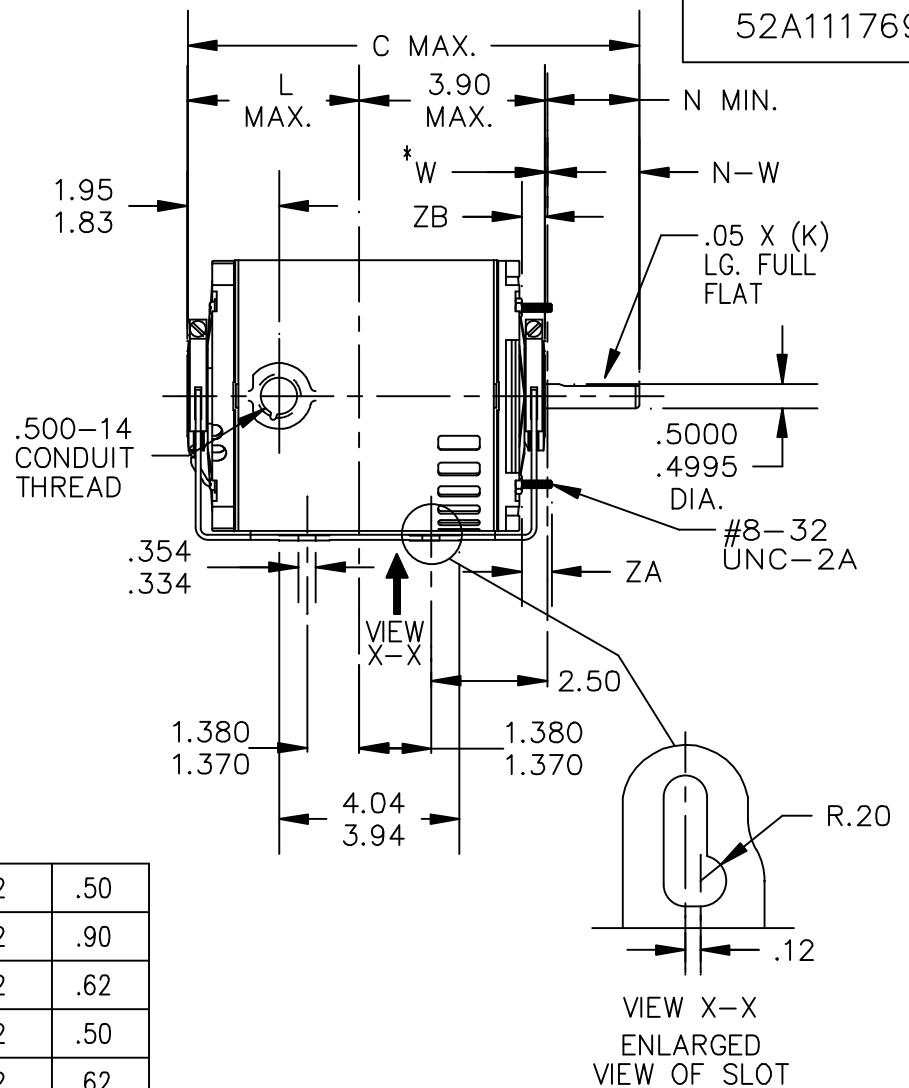
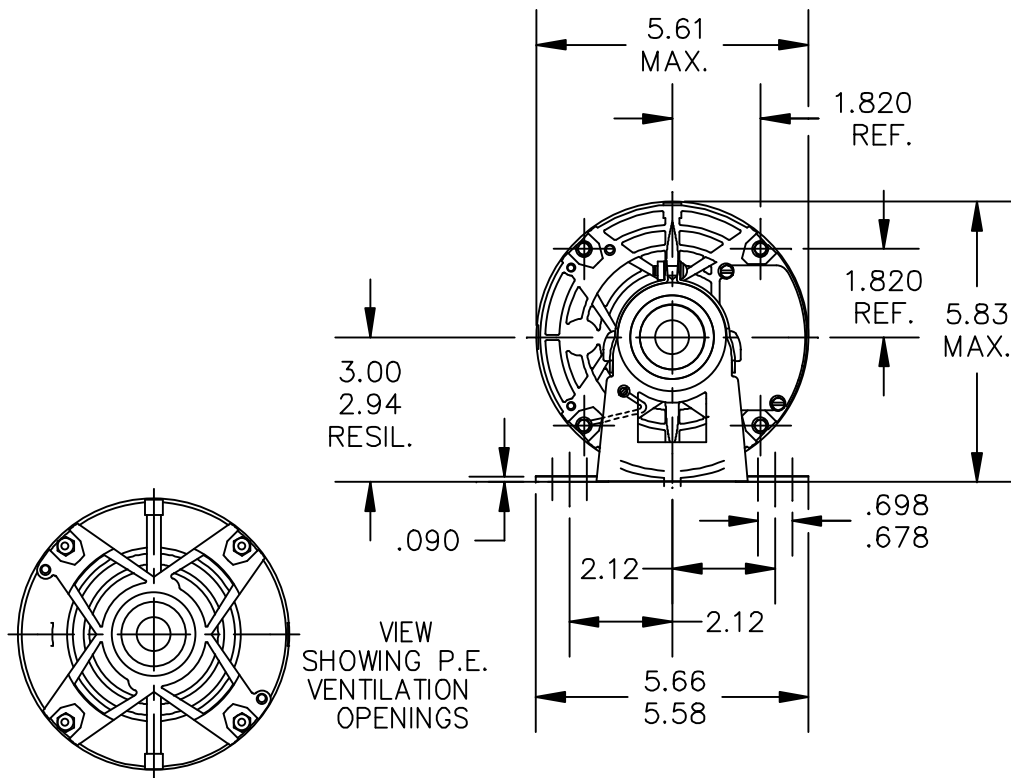
Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115 V
Current	3.9 A	Speed	1725 rpm
Service Factor	1.35	Phase	1
Efficiency	49.6 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	S	Frame	48Z
Enclosure	Drip Proof	Thermal Protection	N/R
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N

Technical Specifications

Electrical Type	Split Phase	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Resilient Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	9.32 in
Frame Length	5.16 in	Shaft Diameter	0.500 in
Shaft Extension	1.88 in	Thru-bolts Extension	0 in
Outline Drawing	52A111769P1	Connection Drawing	52A105377AA

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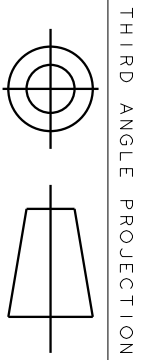
52A111769



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

6	KH	35	48	9.56	1.16	4.22	1.50	1.63/1.41	.55/.52	.50
5	KH	33	48Z	9.93	1.91	3.84	2.25	2.38/2.16	.55/.52	.90
4	KH	32	48	8.93	1.16	3.59	1.50	1.63/1.41	.55/.52	.62
3	KH	36	48	9.99	1.16	4.65	1.50	1.63/1.41	.55/.52	.50
2	KH	32	48Z	9.94	1.91	3.59	2.25	2.38/2.16	.55/.52	.62
1	KH	32	48Z	9.32	1.54	3.59	1.88	2.01/1.79	.55/.52	.62
P	TYPE	RBC SIZE	NEMA FR	C	K	L	N	N-W	ZB	ZA

				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN MDU 02/02/07	
				DEC.	INCHES	REGAL-BELOIT CORPORATION		CHK	
03	CHG GD LD FROM 4:30 TO 7:30 PER IS11-0510 & REDRAWN IN DRAFT SIGHT.	UD	09/24/12	PKG	.X	±0.1	TITLE OUTLINE DRIP PROOF - RESIL. BASE	APPD DS 02/02/07	
02	DIMENSION ADDED PER IS07-2793	BM	11/15/07		.XX	±0.02		SCALE 1=1	
01	UPDATED PER IS07-0144	MDU	02/20/07		.XXX	±0.005		REF	
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	MAT'L.	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	52A111769	SIZE	DRAWING NO.	
				DIST			A	52A111769	
								REV. 03	



THIRD ANGLE PROJECTION

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	UPDATED FORMAT	11/10/05	MAM

EITHER ROTATION - SINGLE VOLTAGE
TYPE KC, OR KH



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

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

REF. DIAG. - 121A850		SWITCH (C) - 115D958AB	
CONNECTION LABEL - 52X332047			
SIGNATURES			
MODEL	M.D. PAPER	DATE	
DETAIL			
CHECKED			
ENGRG			
MFG			
QUALITY			
ISSUED	M.D.P.	DATE	
FOR ADDITIONAL INFO REFER TO:			
APPLIED PRACTICES			
DIMENSIONS ARE IN INCHES			
MATERIAL	SOLID MODEL: 52A105377AA		



REGAL-BEVOLT CORPORATION

TITLE CONNECTION DIAGRAM

FME: 30 FRAME SWITCH REDESIGN

52A105377AA

REV 1

SCALE: 1.000 REF. No.: SHEET 1 of 1