

PRODUCT INFORMATION PACKET



Model No: 5KC37NN3544T
Catalog No: C1467
Aeration Fan Motor, 3/4 HP, 1 Ph, 60 Hz, 115/230 V, 56Z Frame, TENV



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Nameplate Specifications

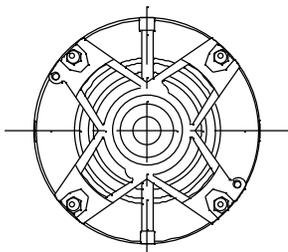
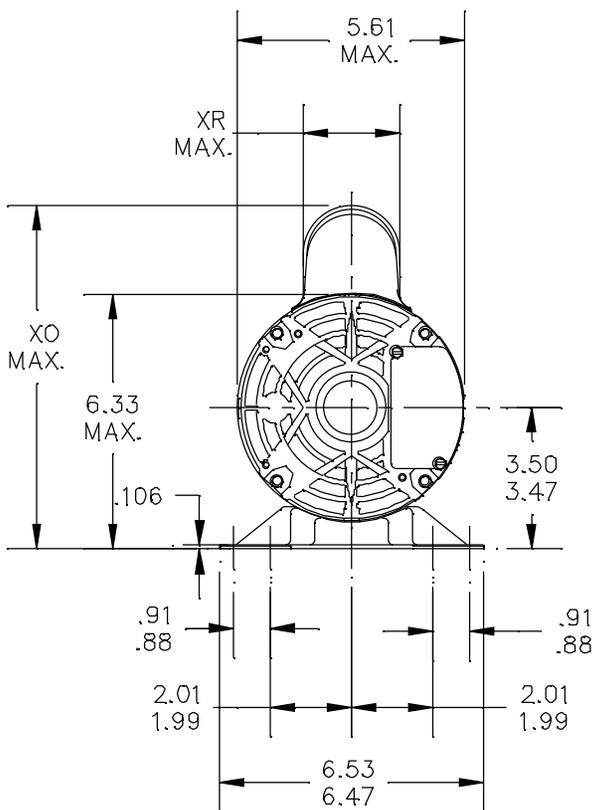
Phase	1	Output HP	3/4 Hp
Output KW	0.56 kW	Voltage	115/230 V
Speed	3450 rpm	Service Factor	1.25
Frame	56Z	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Automatic	Ambient Temperature	40 °C
Frequency	60 Hz	Current	9.8/4.9 A
Power Factor	0	Duty	Continuous
Insulation Class	B	KVA Code	K
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized (Not Protector)	CSA	Y
CE	N		

Technical Specifications

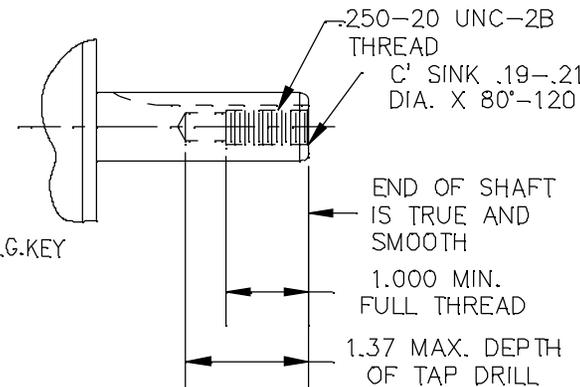
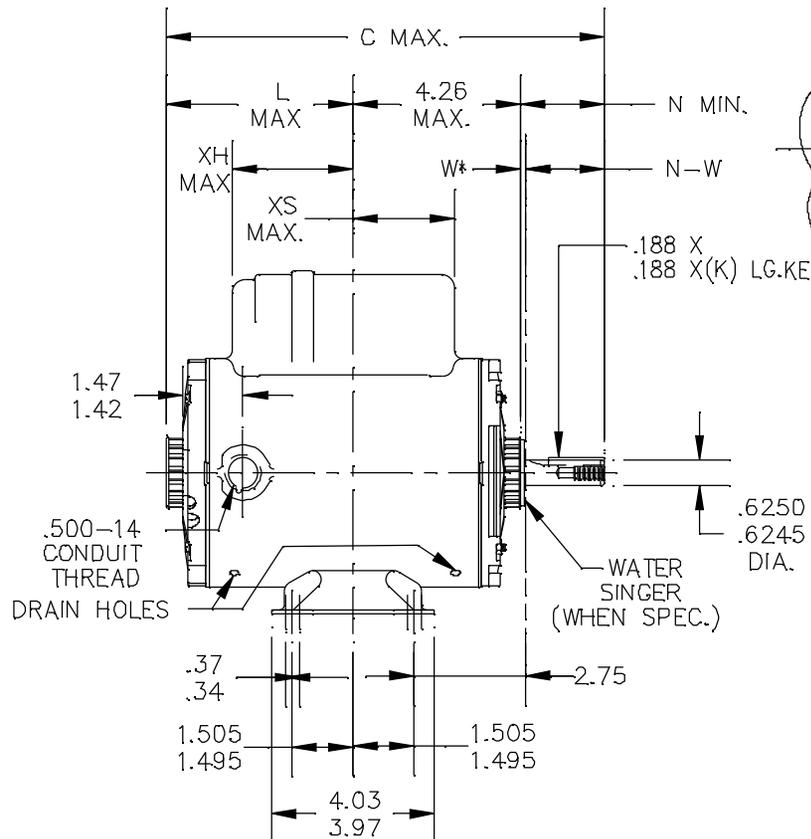
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Motor Orientation	Any	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Special Extension	Shaft Diameter	0.625 in
Connection Drawing	52A105383AA	Outline Drawing	52A109516P1

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52A109516



VIEW SHOWING P.E. (NO VENTS)



ENLARGED VIEW OF SHAFT EXTENSION

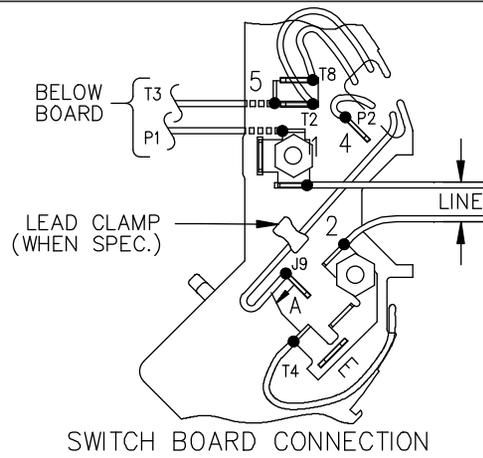
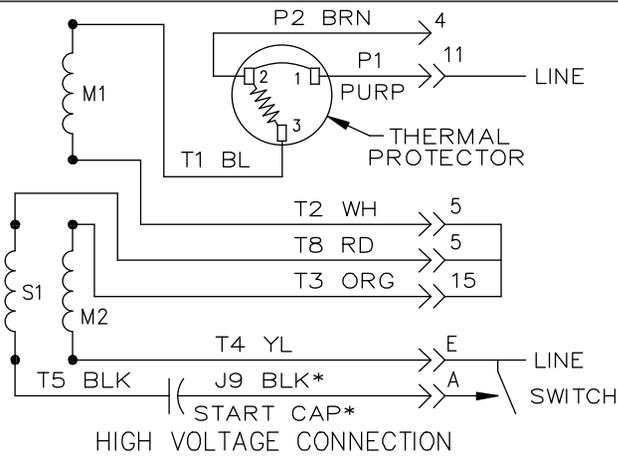
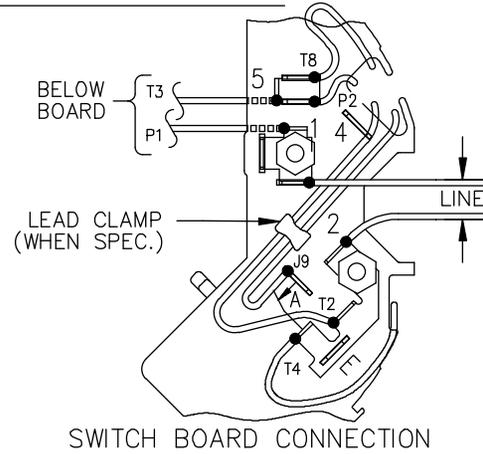
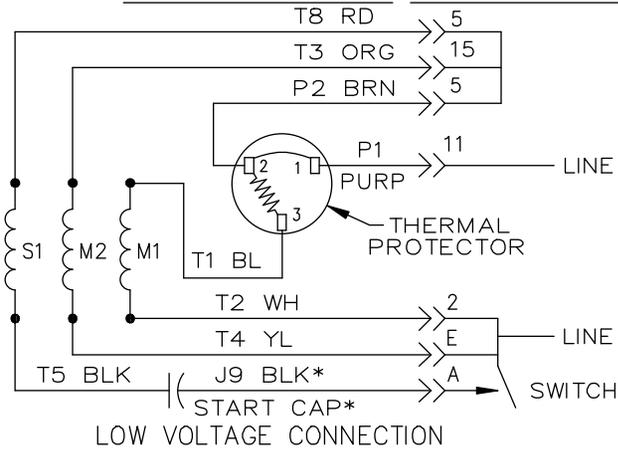
W* IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY.

1	KC	37	56Z	11.26	1.62	4.63	2.25	2.38/2.19	2.99	2.68	7.85	1.60
P	TYPE	RBC SIZE	NEMA FR	C	K	L	N	N-W	XH	XS	XO	XR

				TOLERANCES UNLESS SPECIFIED		DRAWN M.D.P 04/18/94	
				DEC.	INCHES	CHK	
				.X	±0.1	APPD M.D.P 04/18/94	
4	REDRAWN IN DRAFT SIGHT NO CHANGES	PVR 10/16/12	PKG	.XX	±0.02	TITLE	OUTLINE
3	TAPPING ADDED PER ISO9-1251	AMI 04/03/06		.XXX	±0.005	TENW - WELDED BASE	
2	CHG TO RBC FORMAT PER ISO5-1777	SUD 03/16/06		.XXXX	±0.0005	MAT'L.	SCALE 1=1
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	FINISH	REF
				RFP	CAD FILE	52A109516	SIZE
				DIST			DRAWING NO.
						A	
						52A109516	
						REV.	
						4	

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EITHER ROTATION, DUAL VOLTAGE, TYPE KC OR KH, WITH THERMAL PROTECTION



NOTE #1 - START CAP & J9 WHEN SPECIFIED (*). IF NO CAPACITOR (KH), CONNECT T5 DIRECTLY TO SWITCH (A). WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.

NOTE #2 - TO REVERSE ROTATION, INTER CHANGE RD(T8) AND BLK(J9-KC OR T5-KH) LEADS.

SWITCH REF. - 115D958AB	CONNECTION LABEL	CCW ROTATION: NP52X332051AA
		CW ROTATION: NP52X332051AC

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN M.D.P 06/29/87	
				DEC.	INCHES			
				.X	±0.1	REGAL-BELOIT CORPORATION	CHK	
				.XX	±0.02		TITLE	APPD M.D.P 03/26/96
5	ADDED CONNECTION LABEL PER ECO-0030779	UD 02/06/13	PKG	.XXX	±0.005	CONNECTION DIAGRAM 30 FRAME SWITCH REDESIGN	SCALE 1=1	
4	UPDATED PER ISO7-0150	MD 01/23/07		.XXXX	±0.0005		MAT'L.	REF
				ANG	±1.0		FMF	
				RFP		CAD FILE 52A105383AA	PREV	
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