

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5KCR49ZN8061T

Catalog No: C1275

Replaced by 120376.00 once inventory is depleted - 3,3450,TENV,145T,3/60/230

Aeration Fan Motors



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RegalRexnord

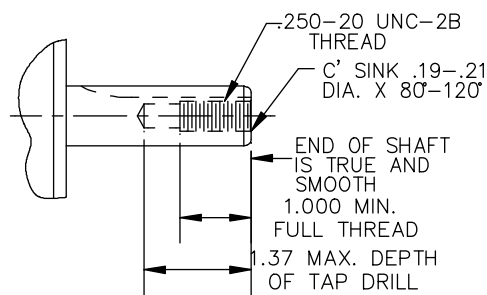
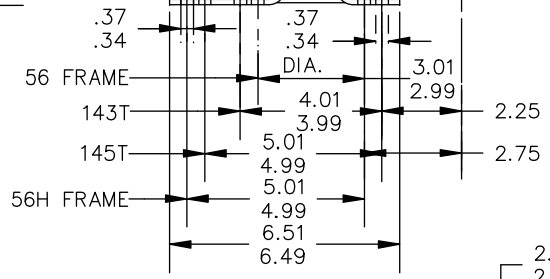
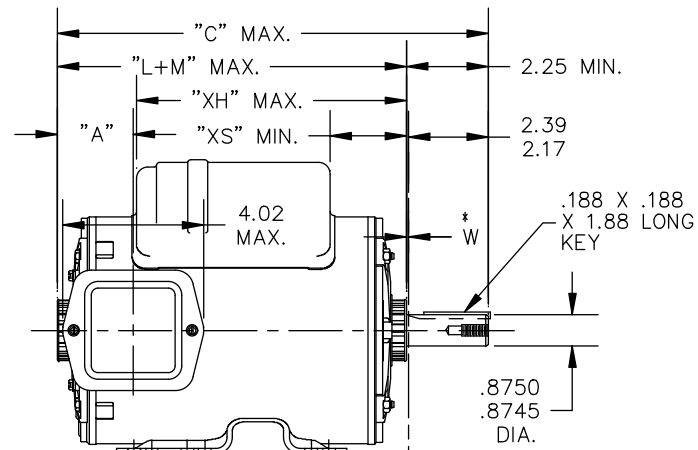
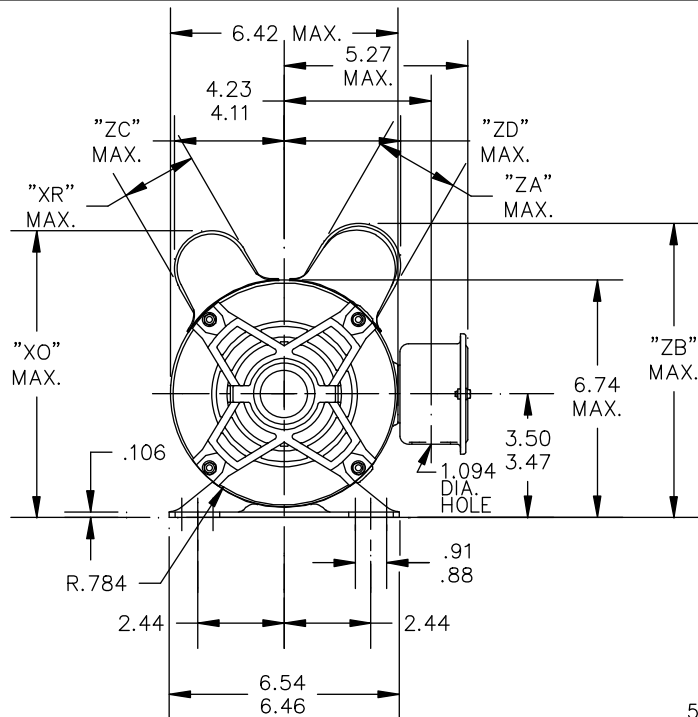
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230 V
Current	13.2 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Efficiency	79 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	G	Frame	145T
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	AUTO
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	SM
Poles	2	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	13.69 in
Frame Length	8.99 in	Shaft Diameter	0.880 in
Shaft Extension	2.25 in		
Connection Drawing	52A105379BA	Outline Drawing	52A109620P1

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ENLARGED VIEW OF SHAFT EXTENSION

*W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

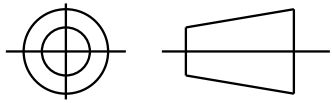
ALL DIMENSIONS ARE IN INCHES

2	KCR	49	143T 145T	12.28	10.01	8.19	8.16	2.10	2.57	2.40	8.39	3.14	3.33	2.18	7.68
1	KCR	49	143T 145T	13.69	11.32	8.28	8.16	2.10	2.59	2.72	8.78	3.14	3.43	2.93	8.99
P	TYPE	RBC SIZE	NEMA FR.	"C"	"L+M"	"XH"	"XO"	"XR"	"XS"	"ZA"	"ZB"	"ZC"	"ZD"	"A" MAX.	MIN. SHELL

				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION				DRAWN MK 05/13/94			
				DEC.	INCHES					CHK			
				.X	±0.1	TITLE				APPD M.A.M 05/13/94			
				.XX	±0.02					SCALE 1=1			
4	REDRAWN IN DRAFT SIGHT NO CHANGES	UD	10/18/12	PKG	.XXX	±0.005	OUTLINE TENV- WELDED BASE				REF		
3	TAPPING ADDED PER ISO9-1251	AT	04/03/09		.XXXX	±0.0005					MAT'L.		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	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			52A109620		SIZE	DRAWING NO.		REV.
				DIST				A	52A109620		4		

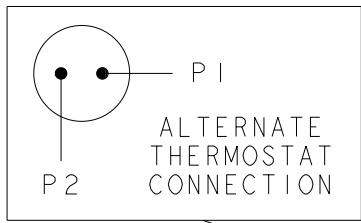
SHEET 1
 REV 9
 SIZE 52A105379BA
 DRAWING NO. A

THIRD ANGLE PROJECTION

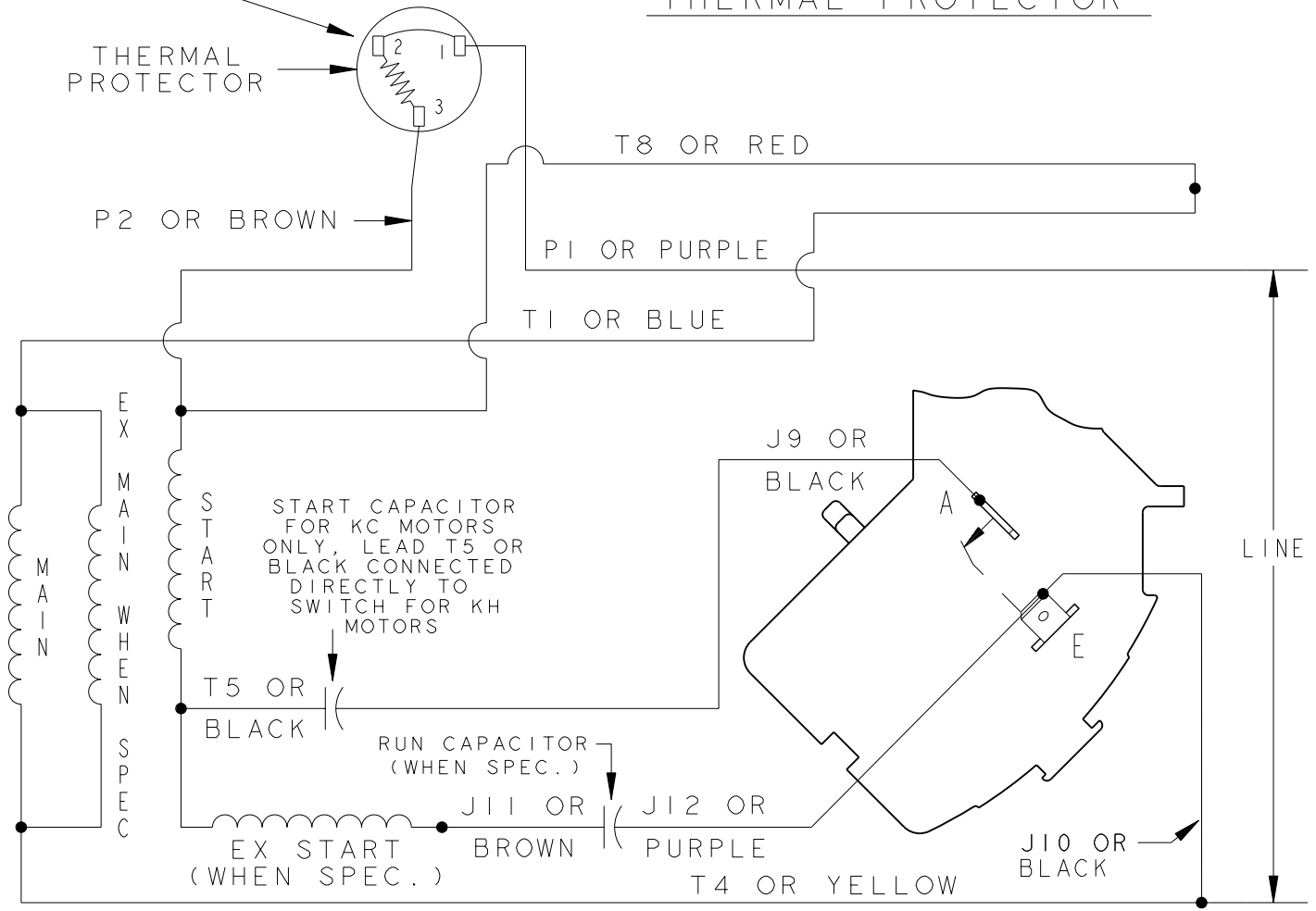


REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
9	UPDATED FORMAT	12/02/05	MAM



- CCW/CW ROTATION -
 - SINGLE VOLTAGE -
 TYPE KC , KCR OR KH WITH THERMAL PROTECTOR



NOTE #1 - TO REVERSE ROTATION INTERCHANGE BLUE (T1) AND YELLOW (T4) LEADS.

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

SWITCH (H) - 115D958AA

REF. DIAG. - 113A329

CONNECTION LABEL - 52X332919

SIGNATURES		DATE
MODEL	M. D. PAPE	06/29/87
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
FOR ADDITIONAL INFO REFER TO:	QUALITY	.
APPLIED PRACTICES	ISSUED	M. D. P. 12/02/94
DIMENSIONS ARE IN INCHES ✓	SOLID MODEL: 52A105379BA	



REGAL-BELOIT CORPORATION

TITLE CONNECTION DIAGRAM

FMF: 3- FR SWITCH REDESIGN

SIZE	DRAWING	52A105379BA	REV
A			9
SCALE: 1.000	REF. No: .	SHEET 1 of 1	