

PRODUCT INFORMATION PACKET

Model No: 5KCR49ZN8061T
Catalog No: C1275
3 HP Aeration Fan Motor, 1 phase, 3600 RPM, 230 V, 145T Frame, TENV
Aeration Fan Motors





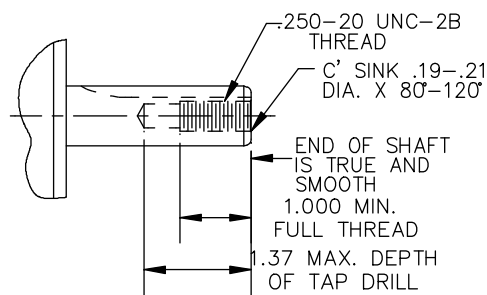
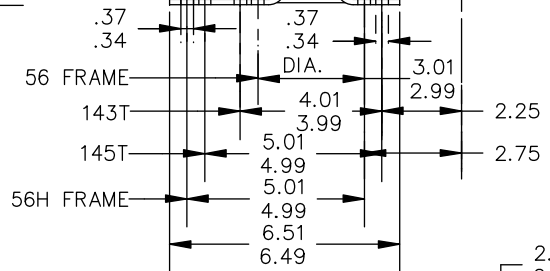
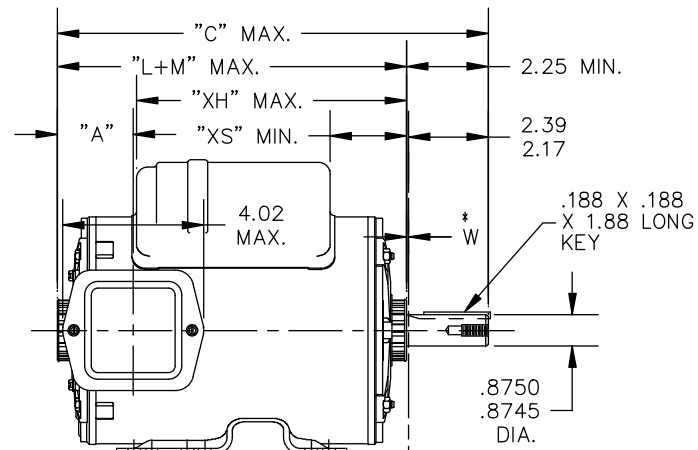
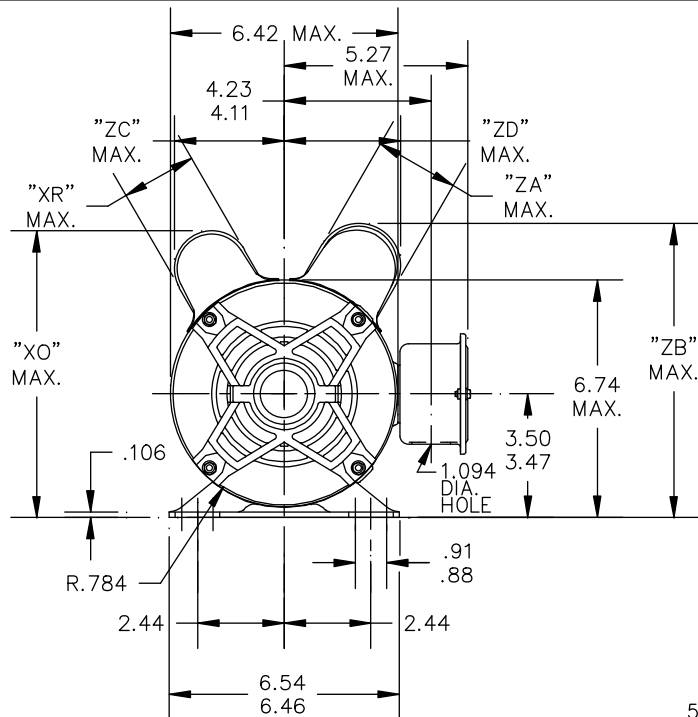
Nameplate Specifications

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

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

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:03/11/2020



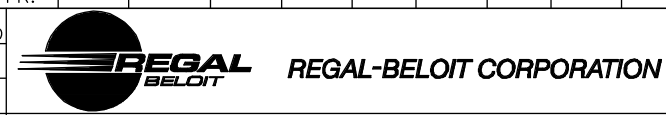
ENLARGED VIEW OF SHAFT EXTENSION

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

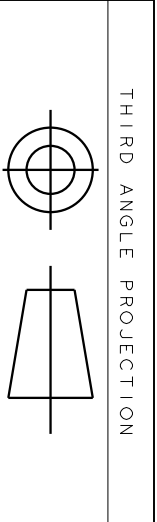
ALL DIMENSIONS ARE IN INCHES

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		DRAWN MK 05/13/94	
				DEC.	INCHES	CHK	
				.X	±0.1	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	REF	
3	TAPPING ADDED PER ISO9-1251	AT 04/03/09		.XXXX	±0.0005	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1.0	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
				DIST			DRAWING NO.
							52A109620
							REV.
							4



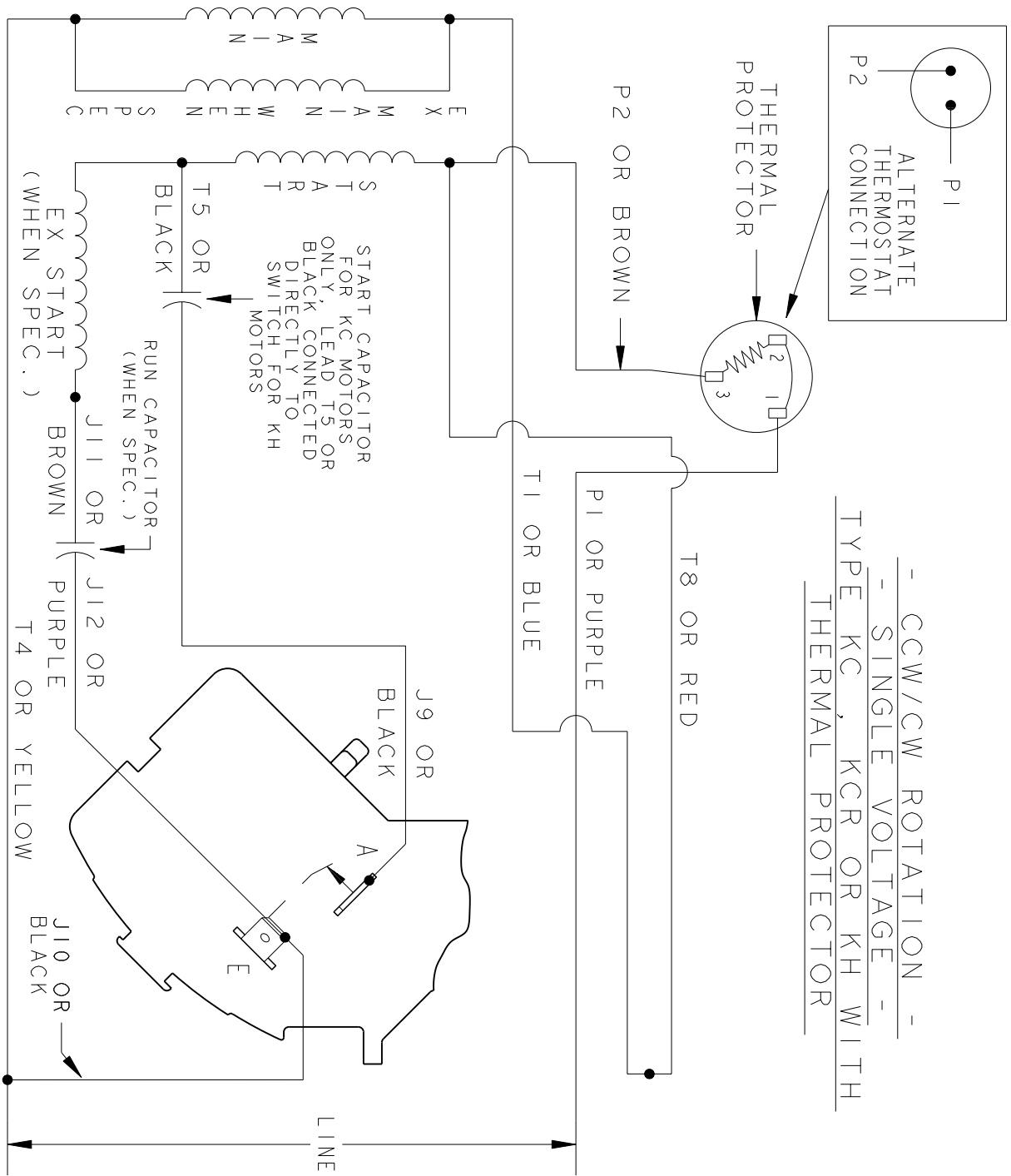
TITLE OUTLINE
TENV- WELDED BASE



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

REVISIONS

- 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.

REF. DIAG. - 113A329

SWITCH (H) - 115D958AA
 CONNECTION LABEL - 52X332919

SIGNATURES	DATE
MODEL M.D. PAPE	06/29/87
DETAIL	
CHECKED	
ENGRG	
MFG	
QUALITY	
ISSUED	M.D.P. 12/02/94
MATERIAL	SOLID MODEL: 52A105379BA



REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

FME: 3-FR SWITCH REDESIGN

52A105379BA

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