

PRODUCT INFORMATION PACKET

Model No: 5K49NN2147X

Catalog No: K1416

2 HP Fan and Blower HVAC/R Motor, 3 phase, 3600 RPM, 208-230/460 V, 56H Frame, ODP
Self Cooled Motors



Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	6.0-6.0,3.0 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	80 %	Power Factor	0
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	H
Frame	56H	Enclosure	Drip Proof
Thermal Protection	AUTO	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

Technical Specifications

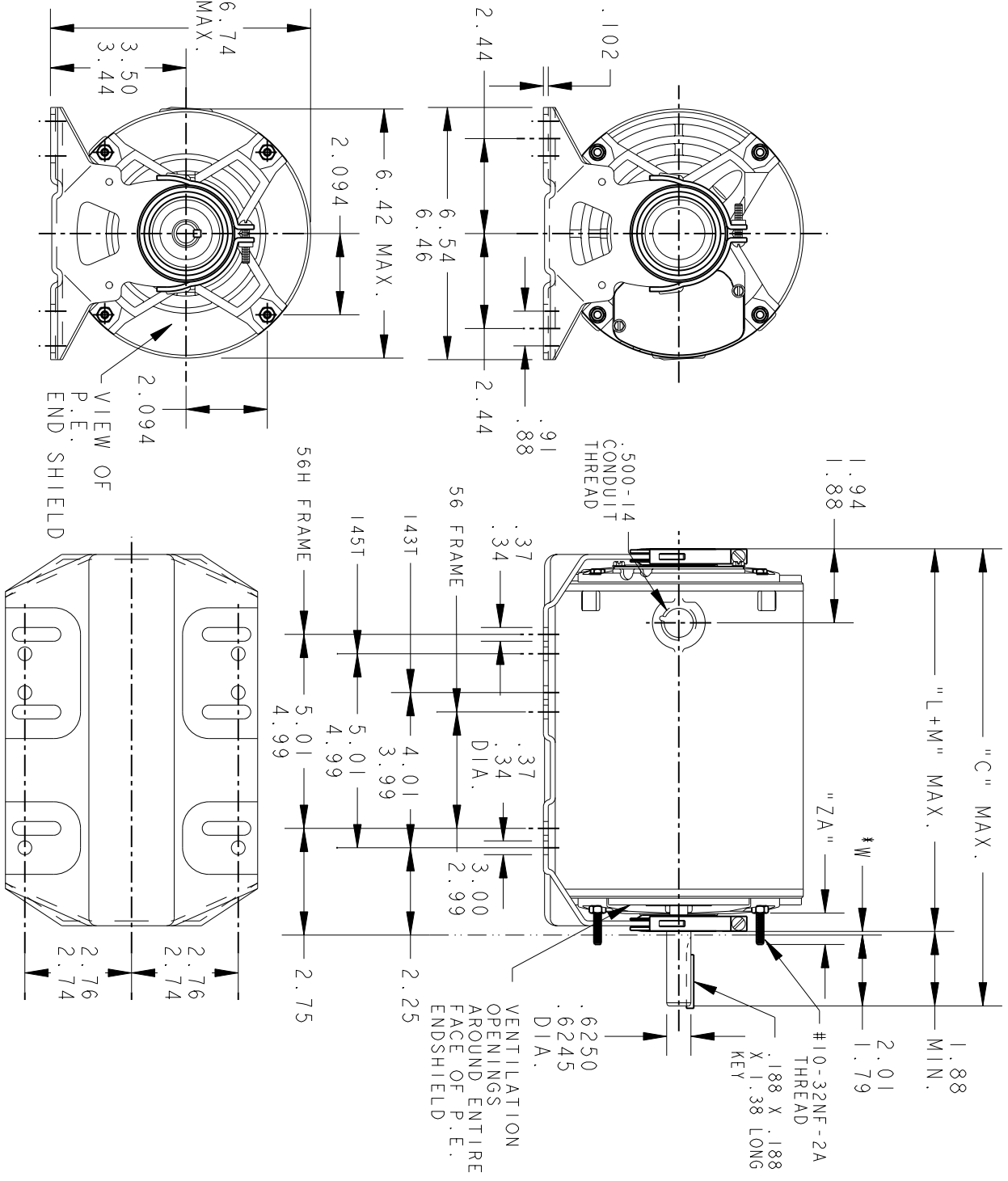
Electrical Type	Three Phase	Starting Method	N/R
Poles	2	Rotation	Counterclockwise/Clockwise
Mounting	Resilient Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	12.01 in
Frame Length	7.68 in	Shaft Diameter	0.630 in
Shaft Extension	1.88 in	Thru-bolts Extension	0 in
Outline Drawing	52A109604P2	Connection Drawing	113A423

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THIRD ANGLE PROJECTION



REVISIONS		DESCRIPTION	DATE	APPROVED
1		ADDED P2	03/29/94	M.A.M.
2		CHG TO RBC FORMAT PER ISO5-11777	03/21/06	SUDHA



2	1	P
K-KH	K-KH	TYPE
49	48	GE SIZE
56H	56H	NEMA FR
12.01	12.76	C
10.01	10.76	L+M
7.68	8.43	SHELL MIN.
.62	.62	Z A

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

REGAL-BELOIT CORPORATION

TITLE
OUTLINE

GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING RESILIENT BASE - EXTENDED CLAMP SCREWS

FOR ADDITIONAL INFO REFER TO:	MFG	ISSUED	QUALITY
APPLIED PRACTICES	ISSUED	M.A.MARKS	03/25/94
DIMENSIONS ARE IN INCHES	SOLID MODEL: 52A109604		

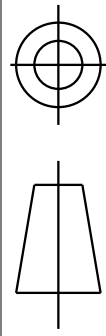
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SIZE: DRAWING A	REV 2	

REVISIONS

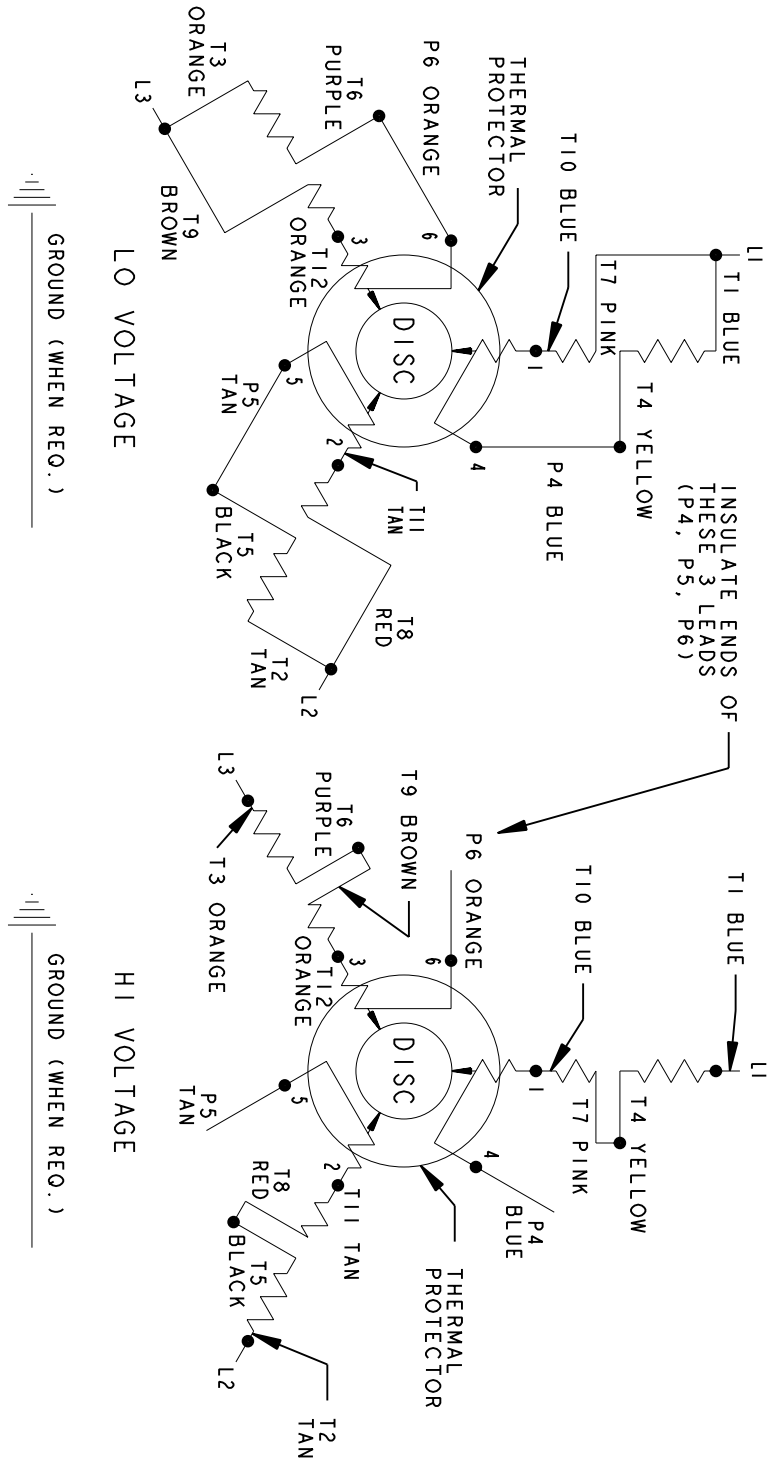
REV.	DESCRIPTION	DATE	APPROVED
7	LO VOLTAGE: "T8 RED" WAS "T3 RED"	09/25/92	BLJ
8	LABEL WAS 185178	04/04/95	M.A.M.
9	CHG TO RBC FORMAT PER IS05-1777	06/13/06	SUDHA

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THIRD ANGLE PROJECTION



TYPE K - DUAL VOLTAGE - THREE PHASE -
 I2 LEAD WDG. - I2 LEADS OUT - THERMAL PROTECTION



NOTE #1 - TO REVERSE ROTATION, INTERCHANGE THE EXTERNAL CONNECTIONS TO ANY TWO LINE LEADS.

LABEL - NP185178AA

FOR ADDITIONAL INFO REFER TO:		
APPLIED PRACTICES	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES	MODEL G.A.HILLSMIER	01/05/56
TOLERANCE ON: 1 PL DECIMALS ± 0.1 2 PL DECIMALS ± 0.02 3 PL DECIMALS ± 0.005	DETAIL	
ANGLES ± 1.0	CHECKED	
FRACTIONS ±	ENGRG	
	MFG	
	QUALITY	
	ISSUED	
	B.L.J.	05/12/92

REGAL-BELOIT CORPORATION

DIAGRAM - CONNECTION
TYPE K MOTORS

MATERIAL	SOLID MODEL: 113A423
FINISH	ISSUED
QUALITY	B.L.J.
ISSUED	05/12/92

SCALE: 1.000 REF. No. .

113A423 REV 9

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