

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 5KC36LN18
Catalog No: C431
1/4, 1500, DP, 48, 1/50/110/220
Open Drip Proof (ODP)



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REGAL[®]

Nameplate Specifications

Output HP	1/4 Hp	Output KW	0.19 kW
Frequency	50 Hz	Voltage	110/220 V
Current	5.6,2.8 A	Speed	1425 rpm
Service Factor	1.35	Phase	1
Efficiency	57.5 %	Duty	Continuous
Insulation Class	B	KVA Code	N
Frame	48	Enclosure	Drip Proof
Overload Protector	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

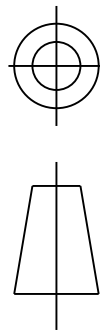
Electrical Type	Capacitor Start Induction Run	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	9.66 in
Frame Length	6.22 in	Shaft Diameter	0.5 in
Shaft Extension	1.5 in		
Outline Drawing	52A109399P1	Connection Diagram	52A105381AA

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SIZE	DRAWING NO.	REV	SHEET
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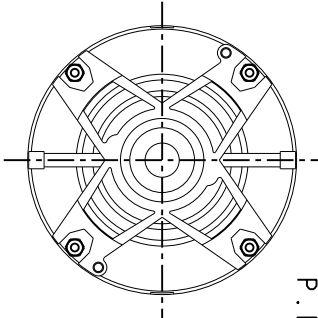
REV.	DESCRIPTION	DATE	APPROVED
1	"XH" DIM CHANGE AS PER ISO5-1772	07/26/05	RAJKUMAR

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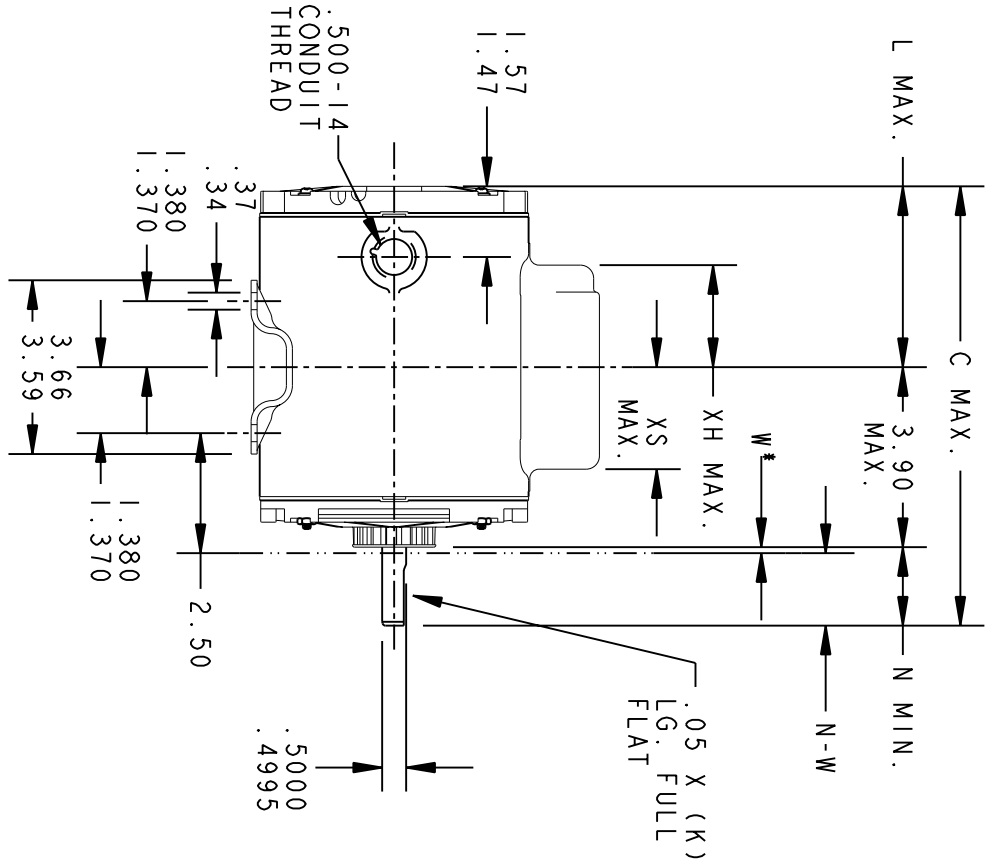
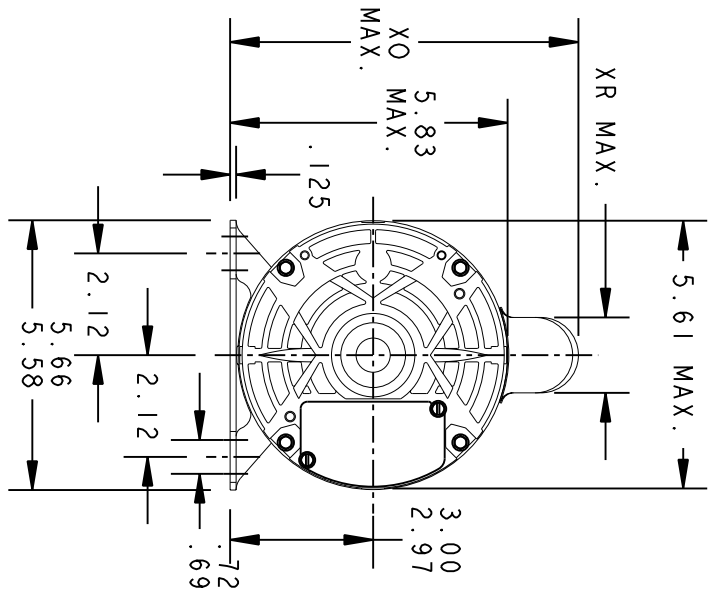


THIRD ANGLE PROJECTION

VIEW SHOWING P. E. VENTILATION OPENINGS



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



2	KC	37	48	10.06	1.16	5.05	1.50	1.63/1.41	3.37	7.31	1.60	2.33
1	KC	36	48	9.66	1.16	4.65	1.50	1.63/1.41	2.87	7.31	1.60	1.35
P	TYPE	GE	NEMA	C	K	L	N	N-W	XH	XO	XR	XS

FOR ADDITIONAL INFO REFER TO:
 APPLIED PRACTICES
 DIMENSIONS ARE IN INCHES

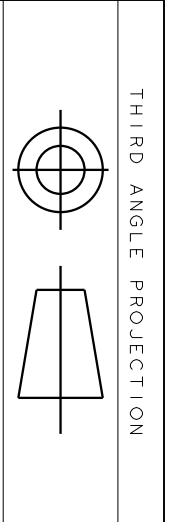
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OUTLINE

FORM N - GENERAL PURPOSE MOTOR - DRIP PROOF
 WELDED BASE - BALL OR SLEEVE BEARING

TOLERANCE ON: 1 PL DECIMALS ± 0.1 2 PL DECIMALS ± 0.01 3 PL DECIMALS ± 0.005 ANGLES ± 0.5 FRACTIONS ±	CHECKED	ENGRG	MFG	QUALITY	ISSUED	RAJKUMAR	07/26/05
DETAIL	MODEL	RAJKUMAR	07/26/05	DATE	SIGNATURES	DATE	
SOLID MODEL: MODEL NAME							

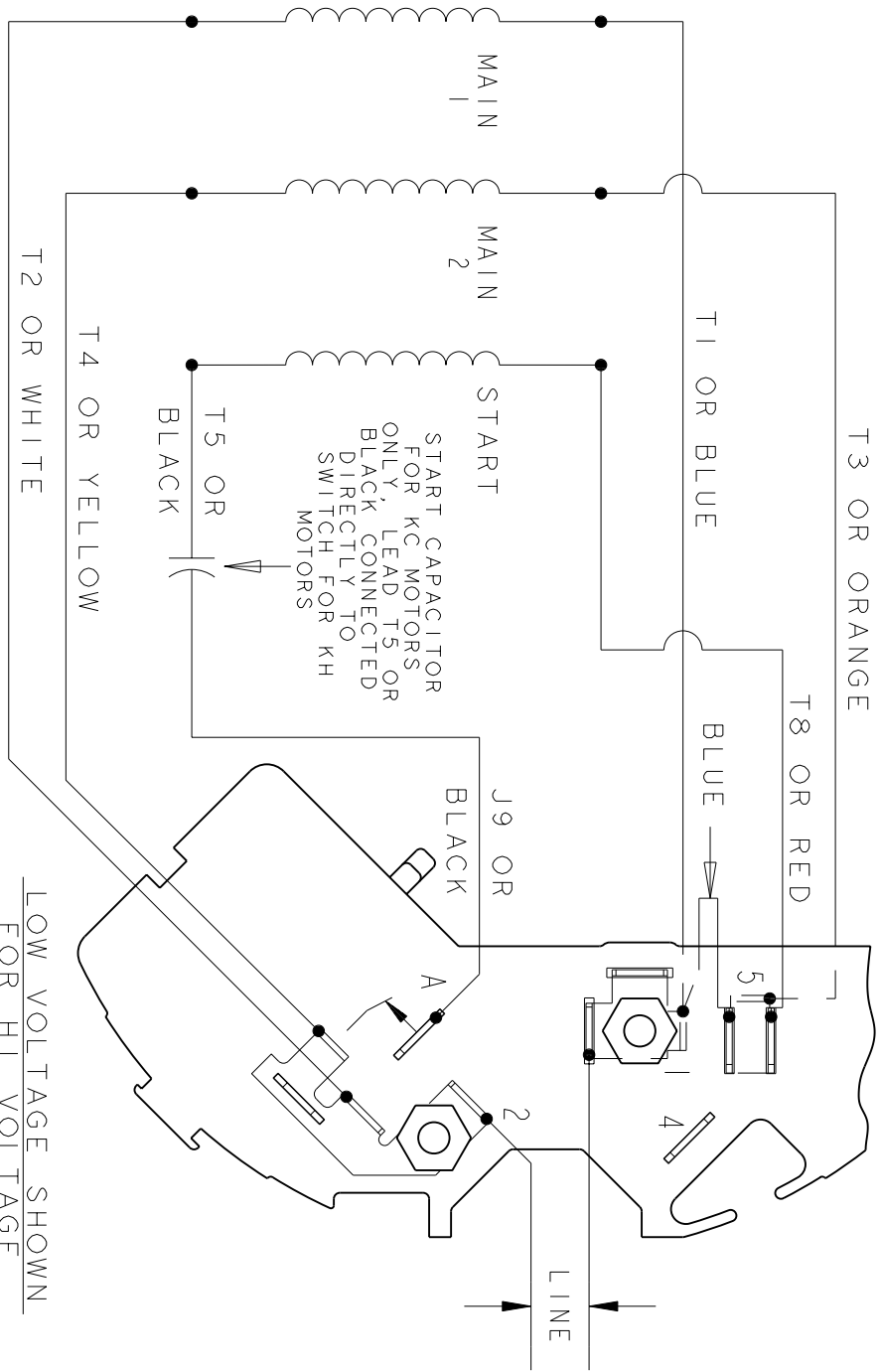
TITLE	SCALE:	SIZE	DRAWING	REV
FORM N - GENERAL PURPOSE MOTOR - DRIP PROOF WELDED BASE - BALL OR SLEEVE BEARING	A	A	52A109399	1



THIRD ANGLE PROJECTION

REVISIONS		DESCRIPTION	DATE	APPROVED
REV.	2	UPDATED FORMAT	01/04/06	MAM

EITHER ROTATION - DUAL VOLTAGE
TYPE KC OR KH
T3 OR ORANGE



LOW VOLTAGE SHOWN
FOR HI VOLTAGE
SEE NOTE #1

- NOTE #1 - FOR HI VOLTAGE REMOVE BLUE FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE WHITE (T2) FROM TERMINAL #2 AND PLACE ON TERMINAL #5.
- NOTE #2 - TO REVERSE ROTATION INTERCHANGE RED (T8) AND BLACK (J9-KC OR T5-KH) LEADS.
- NOTE #3 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

REF. DIAG. - 121A852

SWITCH (C) - 115D958AB
CONNECTION LABEL - 52X332050

SIGNATURES		DATE
MODEL	M.D. PAPE	06/29/87
DETAIL		
CHECKED		
ENGRG		
MFG		
FOR ADDITIONAL INFO REFER TO:		
APPLIED PRACTICES	QUALITY	
DIMENSIONS ARE IN INCHES	ISSUED	M.D.P. 06/29/87
MATERIAL	SOLID MODEL: 52A105381AA	



REGAL-BELOMT CORPORATION

TITLE CONNECTION DIAGRAM

FME: 30 FRAME SWITCH REDESIGN

SIZE	DRAWING	REV
A		2
SCALE: 1.000	REF. No.:	SHEET 1 of 1