

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 5KC35MN145
Catalog No: C1405
1/3, 1800, TEFC, B56C, 1/60/115/230
Totally Enclosed Fan Cooled (TEFC)



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REGAL



Nameplate Specifications

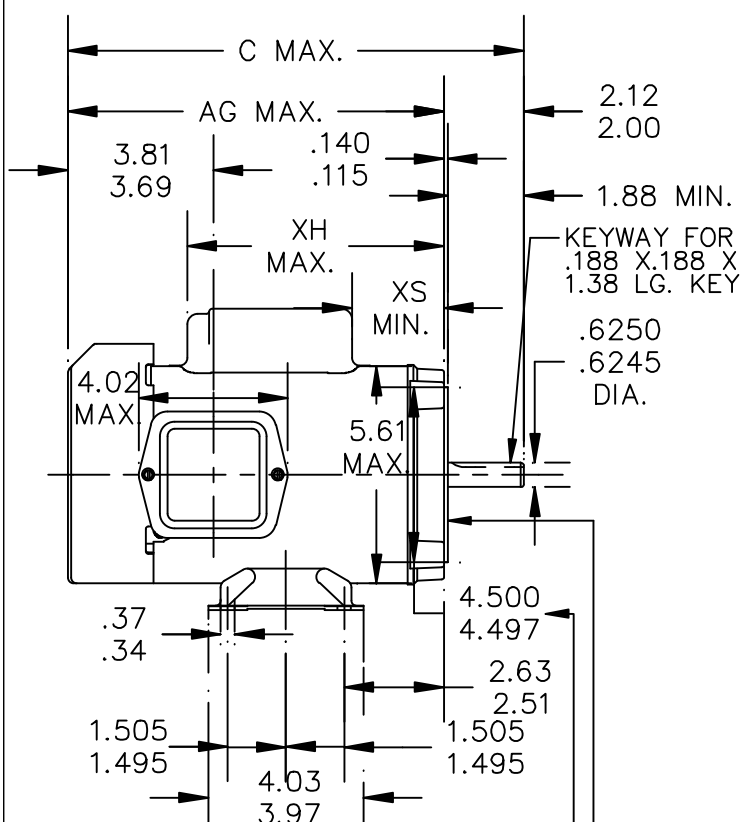
Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/230 V
Current	6.0,3.0 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	57.5 %	Duty	CONT
Insulation Class	B	KVA Code	L
Frame	56C	Enclosure	TEFC
Overload Protector	N/R	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Yes
CE	N		

Technical Specifications

Electrical Type	Capacitor start(CSIR)	Starting Method	SM
Poles	4	Rotation	CCW/CW
Mounting	WB	Motor Orientation	ANY
Drive End Bearing	LOCKED	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Overall Length	10.93 in
Frame Length	5.79 in	Shaft Diameter	0.63 in
Shaft Extension	1.88 in		
Outline Drawing	52A102428P2	Connection Diagram	52A105381BA

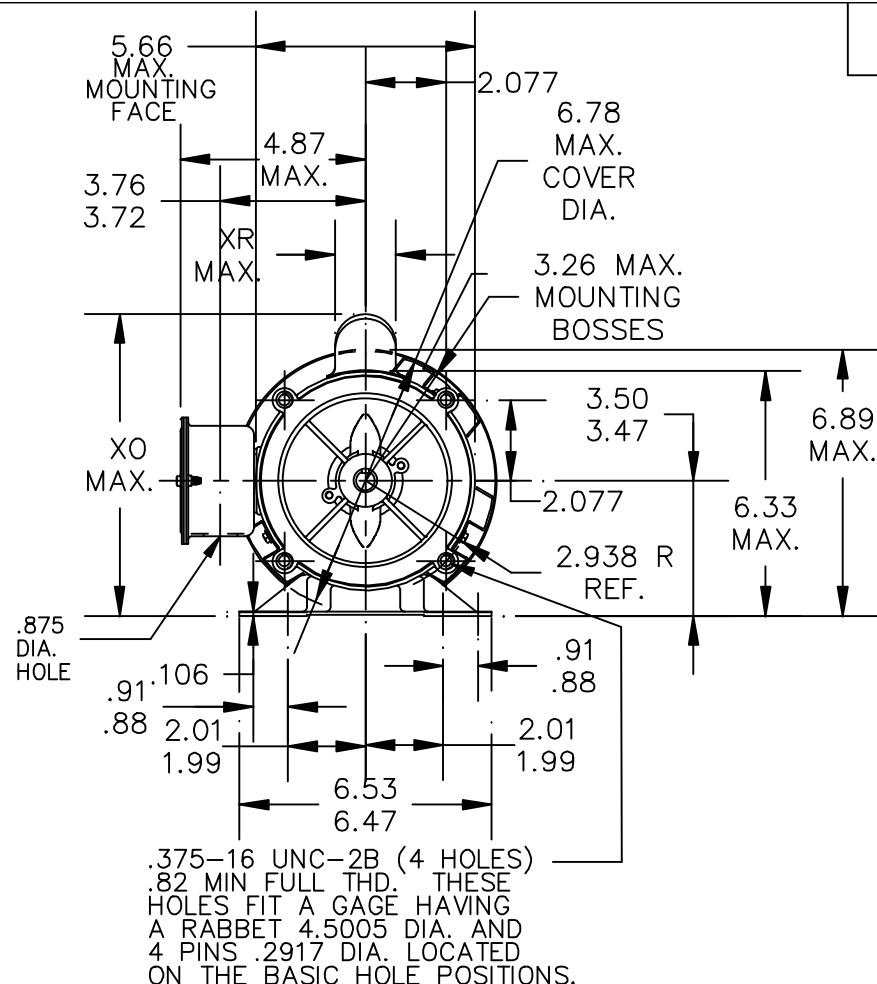
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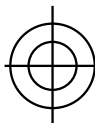
ECCENTRICITY OF THIS SURFACE (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R.

FACE RUNOUT (WITH INDICATOR MOUNTED STATIONARY RELATIVE TO SHAFT) MUST NOT EXCEED .004 T.I.R.



4	KC	37	56CY	11.76	9.68	7.02	1.43	1.60	7.84										
3	KC	36	56CY	11.36	9.23	6.62	1.43	1.60	7.84	7	KC	32	56C	10.30	8.22	5.56	1.18	1.60	7.84
2	KC	35	56CY	10.93	8.85	6.19	1.81	1.60	7.84	6	KC	39	56CY	12.89					
1	KC	33	56CY	10.55	8.60	5.81	1.43	1.60	7.84	5	KC	38	56CY	12.36	10.28	7.62	1.97	1.60	7.84
P	TYPE	RBC SIZE	NEMA FR	C	AG	XH	XS	XR	XO	P	TYPE	RBC SIZE	NEMA FR	C	AG	XH	XS	XR	XO

				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION				DRAWN B.A.C. 09/19/77	
				DEC.	INCHES					CHK	
8	RE DRAWN IN DRAFTSIGHT -NO CHANGES	PVR 09/08/12	PKG .X	±0.1		TITLE OUTLINE MOTOR-TOTALLY ENCLOSED FAN COOLED R2 END MOUNTED-WELDED BASE				APPD CCP 02/03/95	
7	CHG TO RBC FORMAT PER ISO5-1777	01/02/06	PKG .XX	±0.02						SCALE 1=1	
6	REDRAWN BY 2M SOFTWARE CO.	02/03/95	CCP .XXX	±0.005						REF	
5	REV'D BASE SLOT LOCATIONS	03/07/91	BLJ .XXXX	±0.0005						FMF	
NO.	REVISION	BY & DATE	CHK ANG	±1.0		FINISH				PREV	
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			DIST						A	52A102428	8

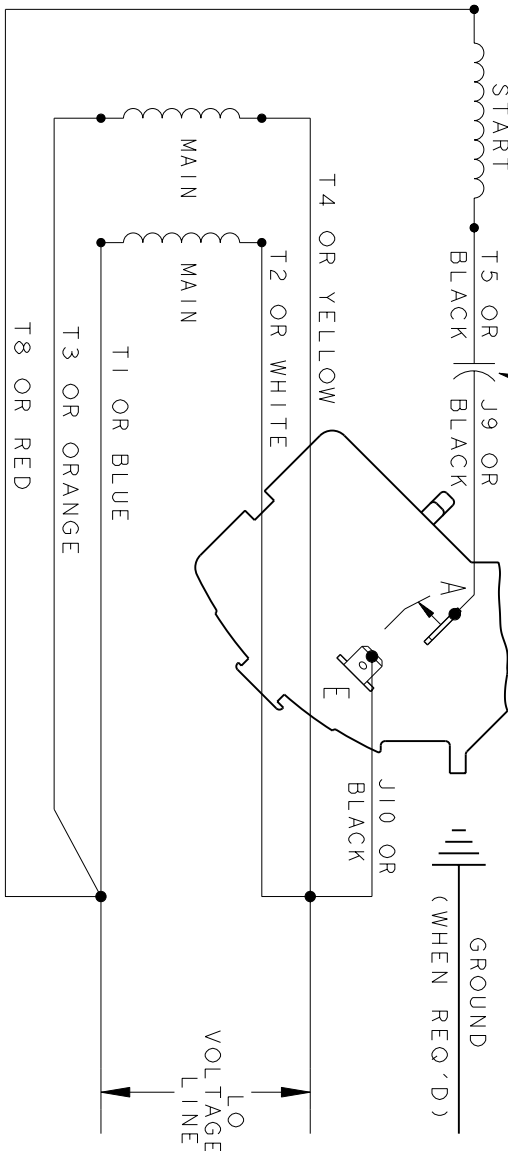
THIRD ANGLE PROJECTION		REVISIONS			
	REV.	DESCRIPTION	DATE	APPROVED	
	3	UPDATED FORMAT	01/04/06	MAM	

REV 3

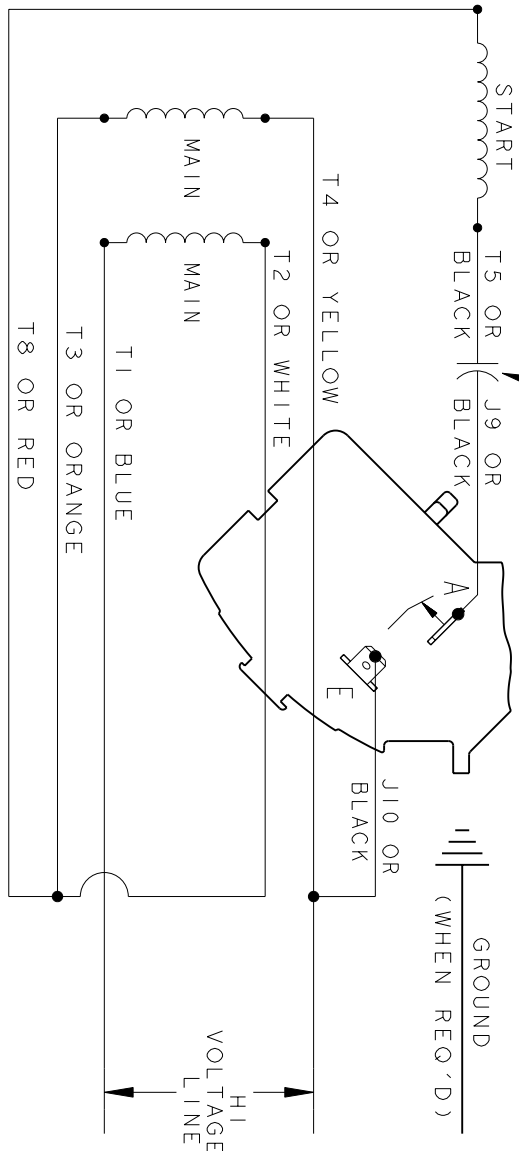
52A105381BA
DRAWING NO.
SIZE

CCW/CW ROTATION - DUAL VOLTAGE
TYPE KC OR KH

CAPACITOR AS SHOWN FOR KC MOTORS ONLY. LEAD T5 BLACK CONNECTED DIRECTLY TO TERMINAL BOARD FOR KH MOTORS.




CAPACITOR AS SHOWN FOR KC MOTORS ONLY. LEAD T5 BLACK CONNECTED DIRECTLY TO TERMINAL BOARD FOR KH MOTORS.



NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AND J10 BLACK LEADS.
NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.

SWITCH (H) - 115D958AA

REF. DIAG. - 113A326
CONNECTION LABEL - 52X332917

SIGNATURES		DATE	 REGAL-BELOMT CORPORATION	
MODEL	M.D. PAPE	06/29/87		
DETAIL	.	.		
CHECKED	.	.		
ENGRG	.	.		
MFG	.	.		
FOR ADDITIONAL INFO REFER TO:	QUALITY	.	FMF: 30 FRAME SWITCH REDESIGN	
APPLIED PRACTICES	ISSUED	M.D. P.		
DIMENSIONS ARE IN INCHES	SOLID MODEL: 52A105381BA	06/29/87		
SCALE: 1.000			REF. No:	
SIZE: DRAWING A				
TITILE				
CONNECTION DIAGRAM				
52A105381BA			REV	3
			SHEET 1 of 1	