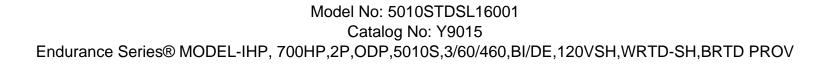
PRODUCT INFORMATION PACKET





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marathon[®]

Motors



Product Information Packet: Model No: 5010STDSL16001, Catalog No:Y9015 Endurance Series® MODEL-IHP, 700HP,2P,ODP,5010S,3/60/460,BI/DE,120VSH,WRTD-SH,BRTD PROV

Nameplate Specifications

Phase	3	Output HP	700 & 600 Hp		
Output KW	Output KW 520.0 & 450.0 kW		460 & 380 V		
Speed	3575 & 2975 rpm	Service Factor	1.15 & 1.15		
Frame	5010S	Enclosure	Drip Proof		
Thermal Protection	No Protection	Efficiency	96.2 & 96.2 %		
Ambient Temperature	40 °C	Frequency	60 & 50 Hz		
Current	744 & 771 A	Power Factor	91.5		
Duty Continuous		Insulation Class	н		
Design Code	В	KVA Code	G		
Drive End Bearing Size 6316		Opp Drive End Bearing Size	6316		
UL	Recognized	CSA	Y		
CE	N	IP Code	23		
Number of Speeds	1				

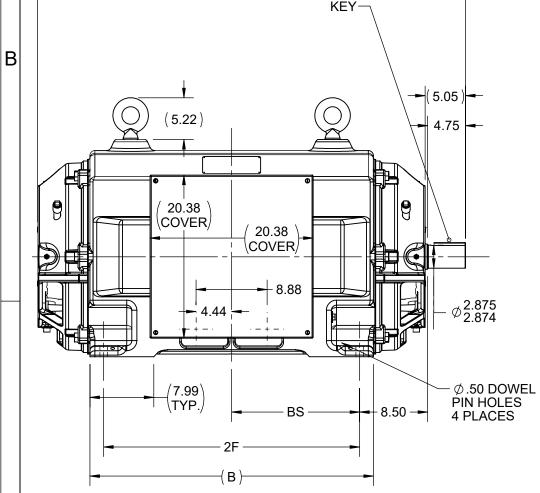
Technical Specifications

Electrical Type Squirrel Cage Induction Run		Starting Method	Wye Start Delta Run		
Poles	2	Rotation	Reversible		
Resistance Main	.02 Ohms	Mounting	Rigid Base		
Motor Orientation	Horizontal	Drive End Bearing	Ball		
Opp Drive End Bearing	Ball	Frame Material	Cast Iron		
Shaft Type	S	Shaft Diameter	2.875 in		
Assembly/Box Mounting	F1/F2 CAPABLE				
Connection Drawing	EE7340N	Outline Drawing	MCA8247		

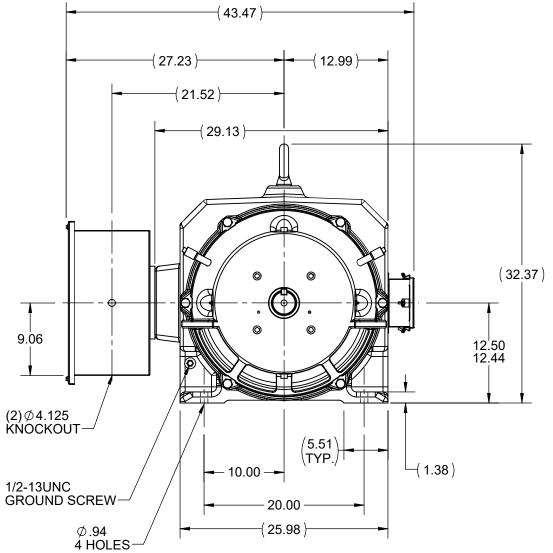
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(C) .750X.750X4.00 KEY (27.23)

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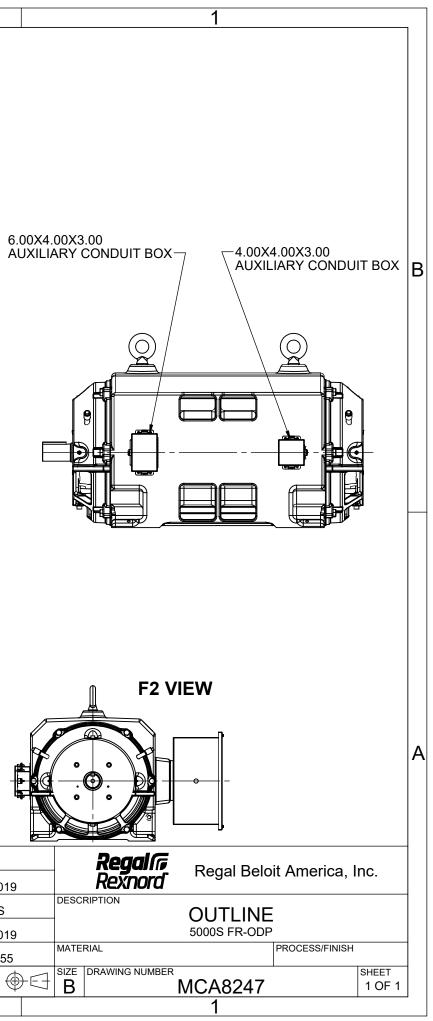
NOTES:

A

 CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

FRAME	В	С	2F	BS	
5008S	28.42	46.59	25.00	12.50	
5010S	35.43	53.60	32.00	16.00	
	4				

3				2		I		
AS EXPRESSLY APPROVE BE RETURNED TO C RESTRICTIONS UNDER			│ INCH IN [BRACI ENCE ONL		THIRD ANGLE PROJECTION	\oplus		
INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DIPLICATED, AND/OR USED, EXCEPT					S: R.02 [.5]	5/ 3.2/	REFERENCE MCA82	255
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REQUEST NUMBER DESCRIPTION REMOVED GROUND BRUSH				±0.005 ±0.0005	[±0.13] [±0.013]		APPROVED BY MILE	S
REQUEST NUMBER NMR-0222556	APPROVED BY MG	DATE 18/05/2023	X. XX. XXX.	±0.1 ±0.01	[±3] [±0.3]	±0.5°	DATE 06/10/2	2019
DRAWING REVISION D	REVISION BY GOPI J	TOLER <u>DEC.</u>	ANCES (E <u>INCH</u>	XCEPT AS	NOTED): <u>ANGLE</u>	DRAWN BY		



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		RUN								—— T3 —— R4 —— R5		
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	Т6									—— R1 —— R2 —— R3		
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