

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 5010SVDSL16002

Catalog No: Y9115

Endurance Series® MODEL-IHP, 700HP,2P,ODP,5010S,3/60/2300/4000-4160,CW/DE,120VSH,WRTD-SH,BRTD PROV



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.  
©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E

**RegalRexnord**

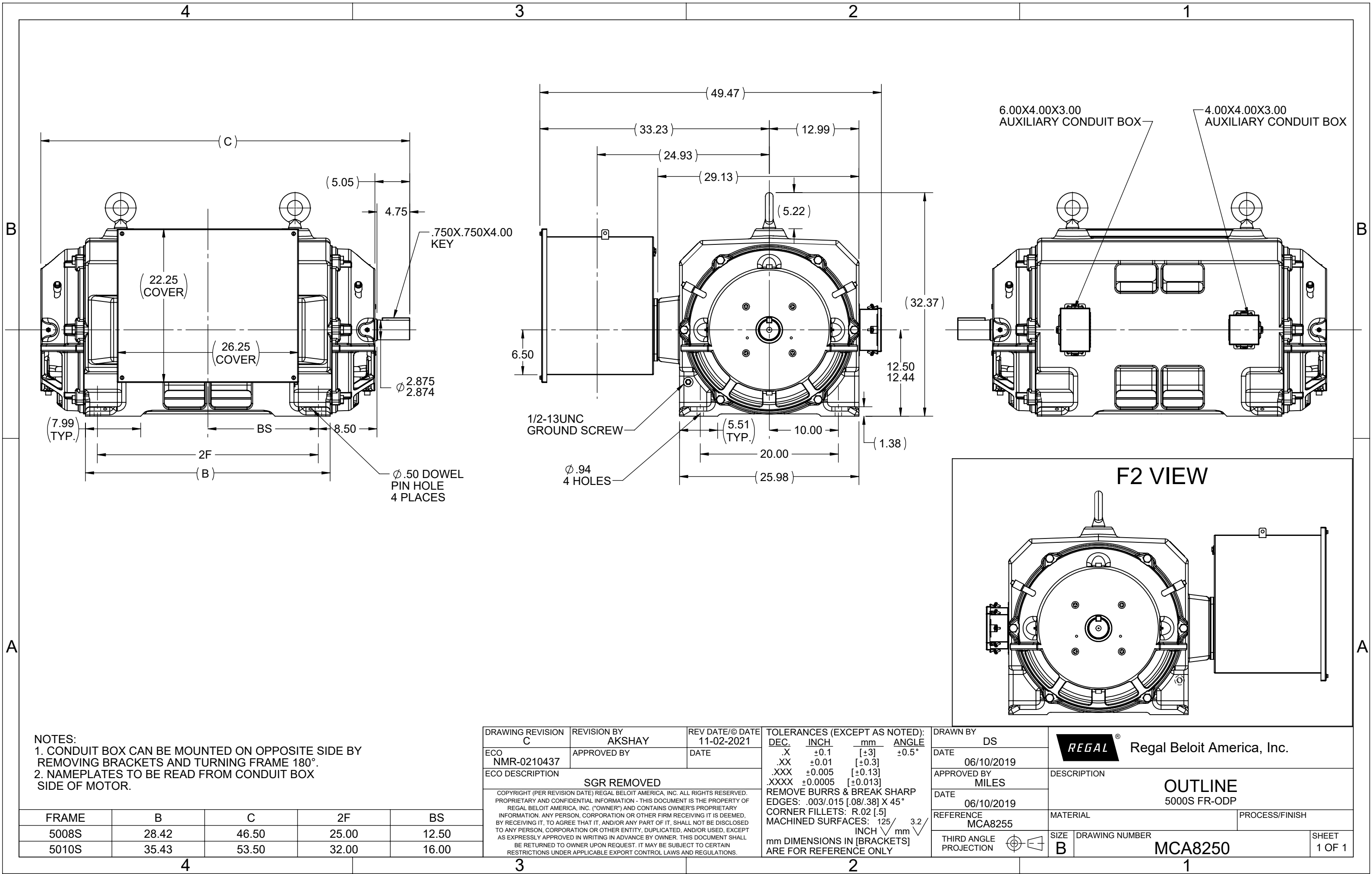
### Nameplate Specifications

Phase	3	Output HP	700 Hp
Output KW	520.0 kW	Voltage	2300/4000-4160 V
Speed	3578 rpm	Service Factor	1.15
Frame	5010S	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	152.0/87.5-84.0 A	Power Factor	90.5
Duty	Continuous	Insulation Class	F
Design Code	B	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		

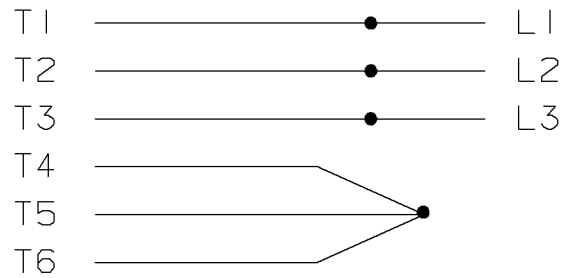
### Technical Specifications

Electrical Type	Bar Rotator Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Fixed Counterclockwise
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	EE7304AC	Outline Drawing	MCA8250

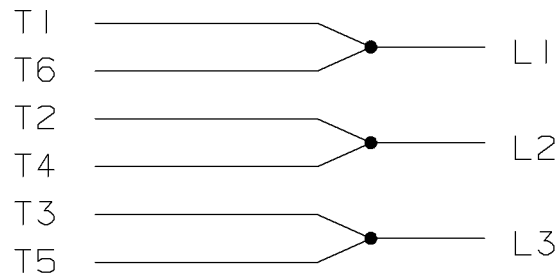
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:12/12/2023



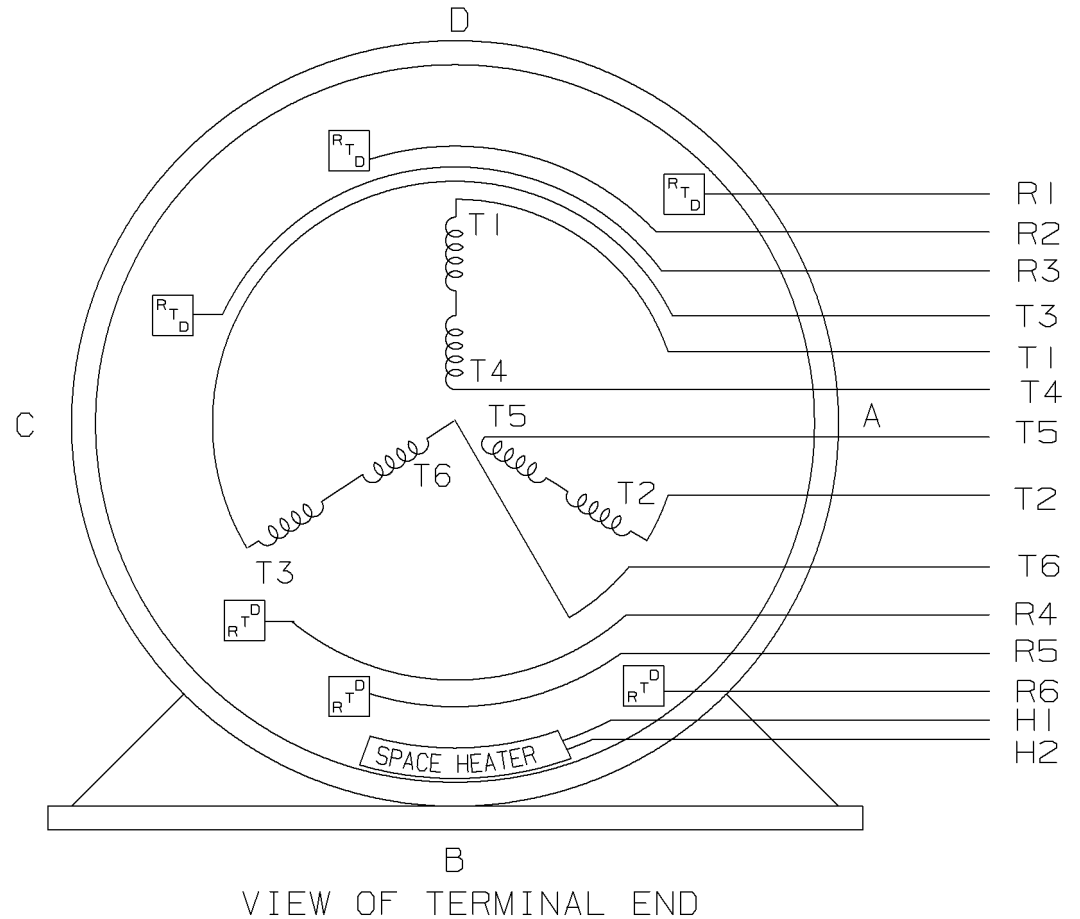
# HIGH VOLTAGE "Y" CONNECTION




# LOW VOLTAGE - DELTA



# THREE PHASE - DUAL VOLTAGE WITH 6 RTD'S 2 PER PHASE AND SPACE HEATER



				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±      XXX± .005      XXXX± .0005      ANGLES±				
				MATL SPEC				DRAWN BY CAE	05-07-1999
				FINISH	 WAUSAU, WISCONSIN 54401			CHKD BY	
I		NEW DRAWING  MU 25017		CAE				APPD BY	
REV	DATE	CHANGE		NAME	PART NAME CONNECTION DIAGRAM - THREE PHASE DUAL VOLTAGE 6 RTD'S & SPACE HEATER			DRWG NO A - EE7304AC	
		SHOP BOOK	PURCHASED	DISTRIBUTION - WA - LB - WP - LM			CADD FILE NO.	EE7304AC	

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM

CADD FILE NO.

EE7304AC

ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--

STACK:

-dictionary-  
-dictionary-  
/Pscript\_WinNT\_Compat  
-dictionary-

