

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 5008SVDSL16006

Catalog No: Y9109

Endurance Series® MODEL-IHP, 500HP,2P,ODP,5008S,3/60/2300/4000-4160,CW/DE,120VSH,WRTD-SH,BRTD PROV



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**RegalRexnord**

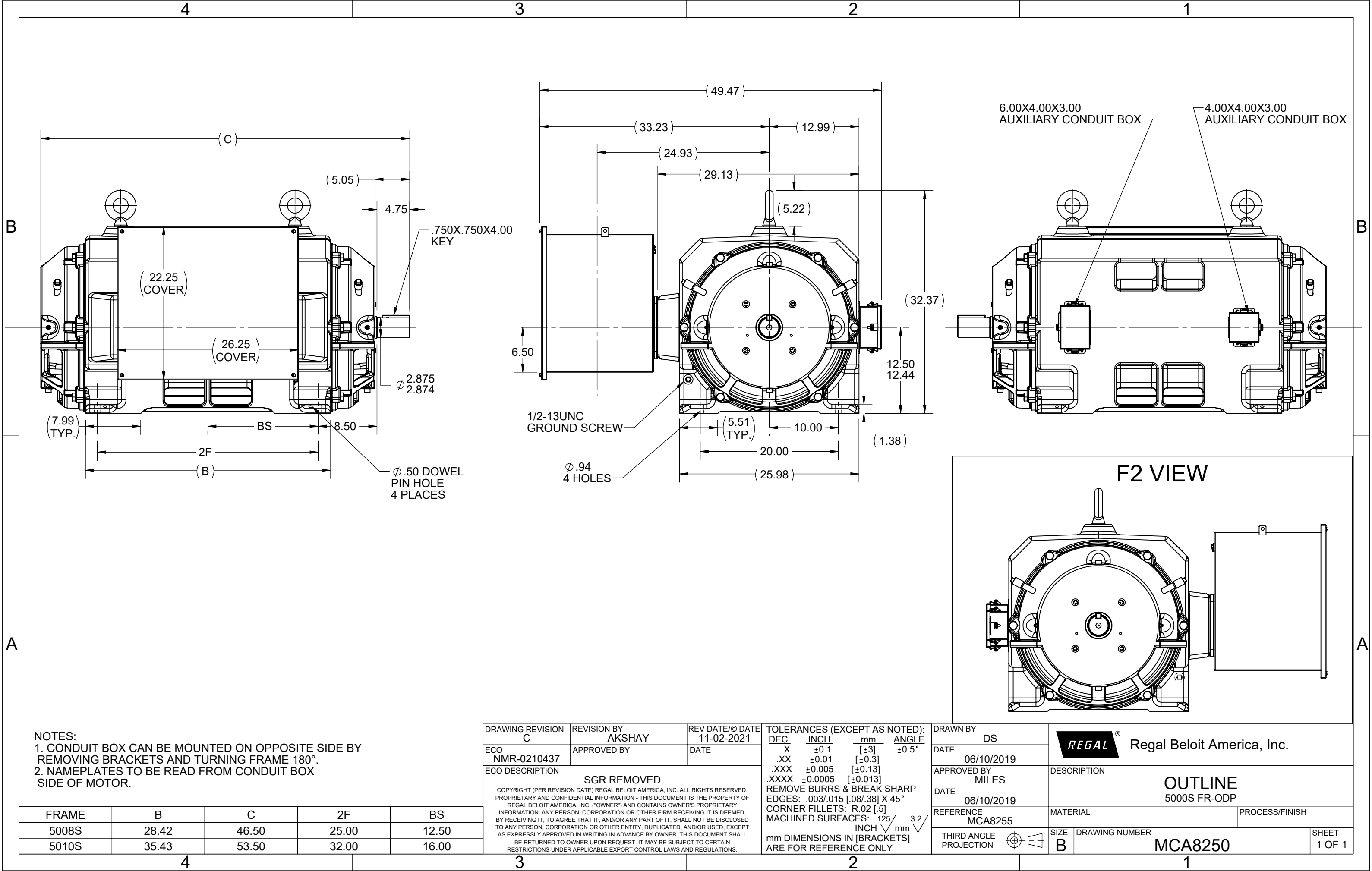
### Nameplate Specifications

Output HP	500 Hp	Output KW	370.0 kW
Frequency	60 Hz	Voltage	2300/4000-4160 V
Current	108.0/62.0-60.0 A	Speed	3570 rpm
Service Factor	1.15	Phase	3
Efficiency	95 %	Power Factor	91
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	5008S	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6316
UL	Recognized	CSA	Y
CE	N	IP Code	23
Number of Speeds	1		

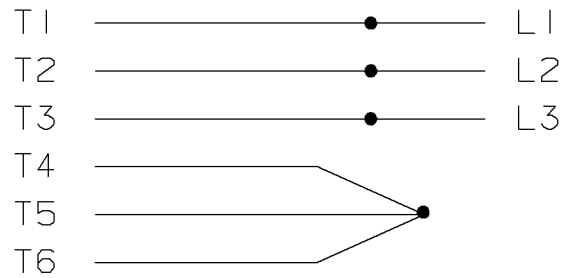
### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
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
Outline Drawing	MCA8250	Connection Drawing	EE7304AC

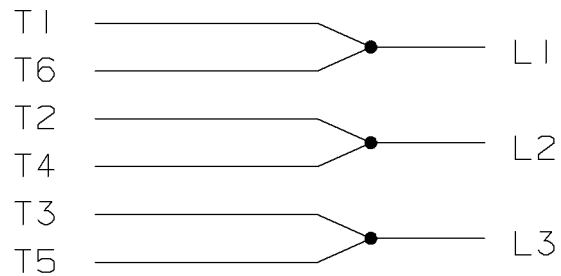
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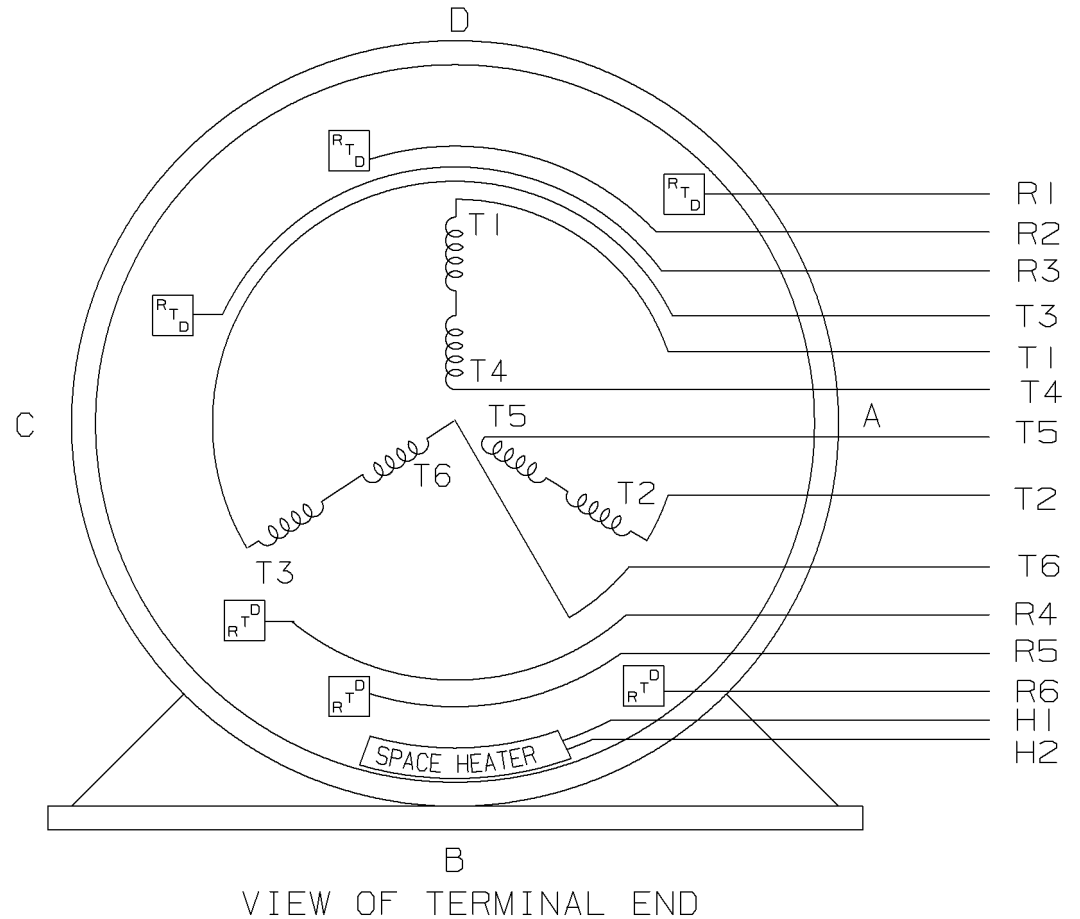
# HIGH VOLTAGE "Y" CONNECTION



# 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		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

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CADD FILE NO.

EE7304AC

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