

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5808SVDSL16002

Catalog No: Y9118

Endurance Series® MODEL-IHP, 800HP,2P,ODP,5808S,3/60/2300/4000-4160,CW/DE,120VSH,WRTD-SH,BRTD PROV



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RegalRexnord

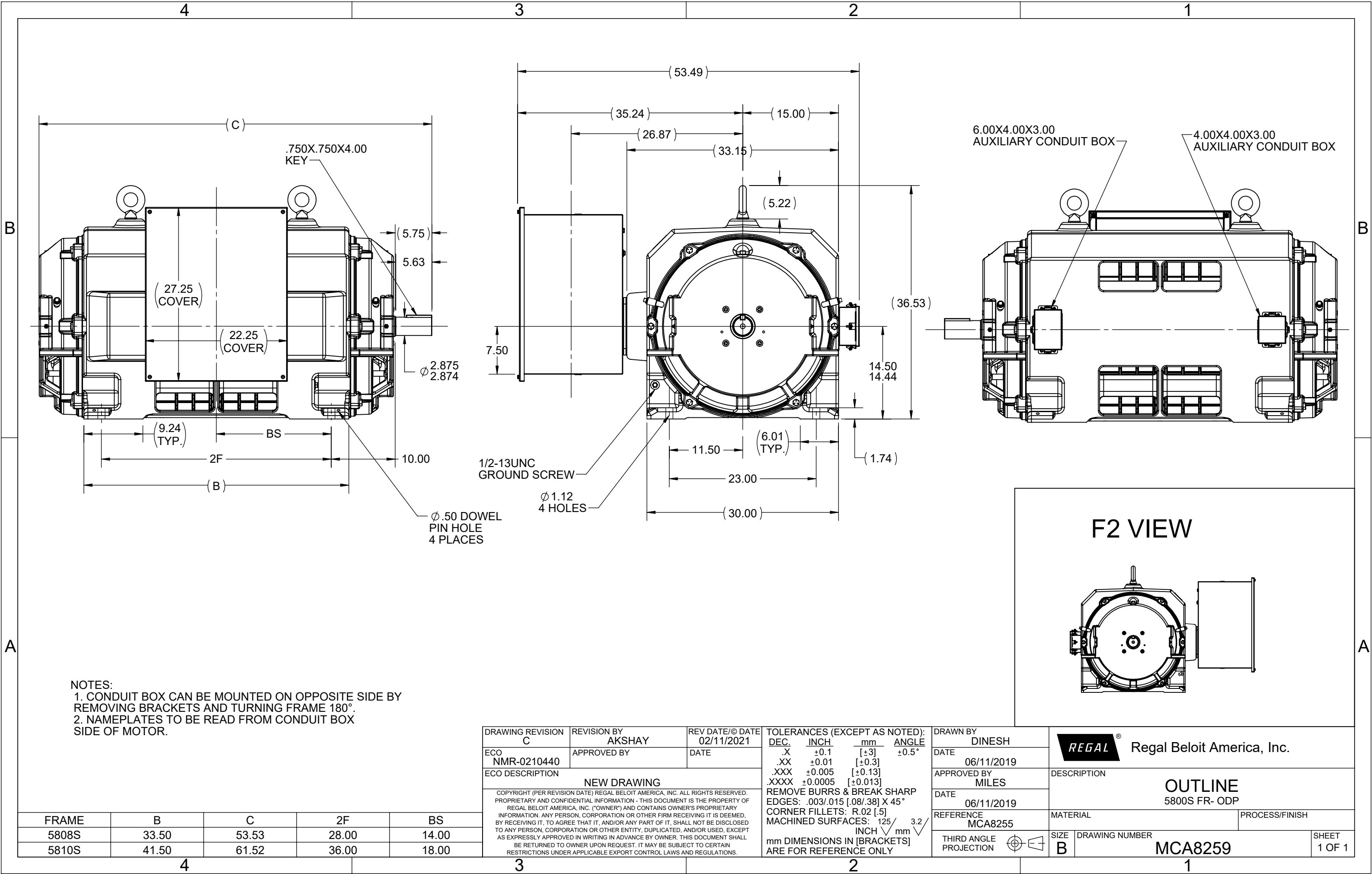
Nameplate Specifications

Output HP	800 Hp	Output KW	600.0 kW
Frequency	60 Hz	Voltage	2300/4000-4160 V
Current	177.0/102.0-97.0 A	Speed	3580 rpm
Service Factor	1.15	Phase	3
Efficiency	95.4 %	Power Factor	89.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	5808S	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		

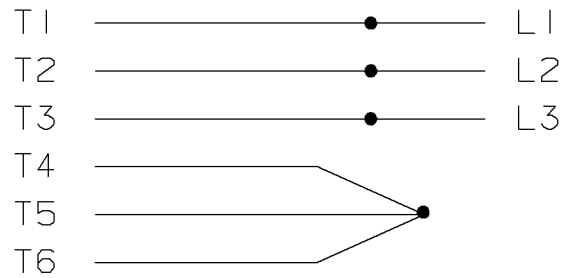
Technical Specifications

Electrical Type	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	MCA8259

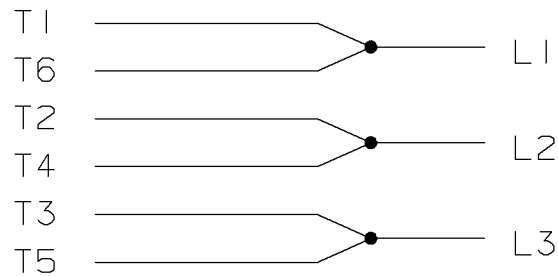
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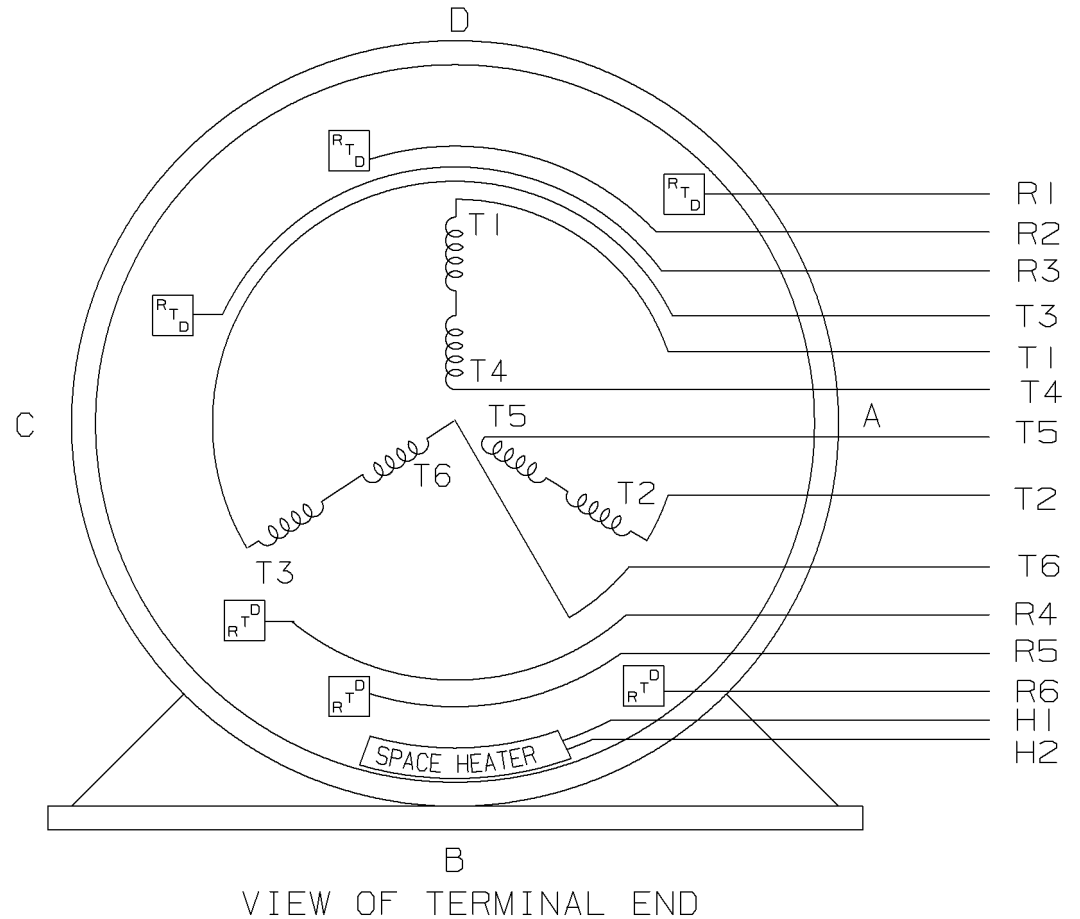
HIGH VOLTAGE "Y" CONNECTION




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	 MARATHON ELECTRIC 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

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STACK:
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