

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5810SVDSL16003

Catalog No: Y9130

durance Series® MODEL-IHP, 1500HP,2P,ODP,5810S,3/60/2300/4000-4160,CW/DE,120VSH,WRTD-SH,BRTD PROV



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RegalRexnord

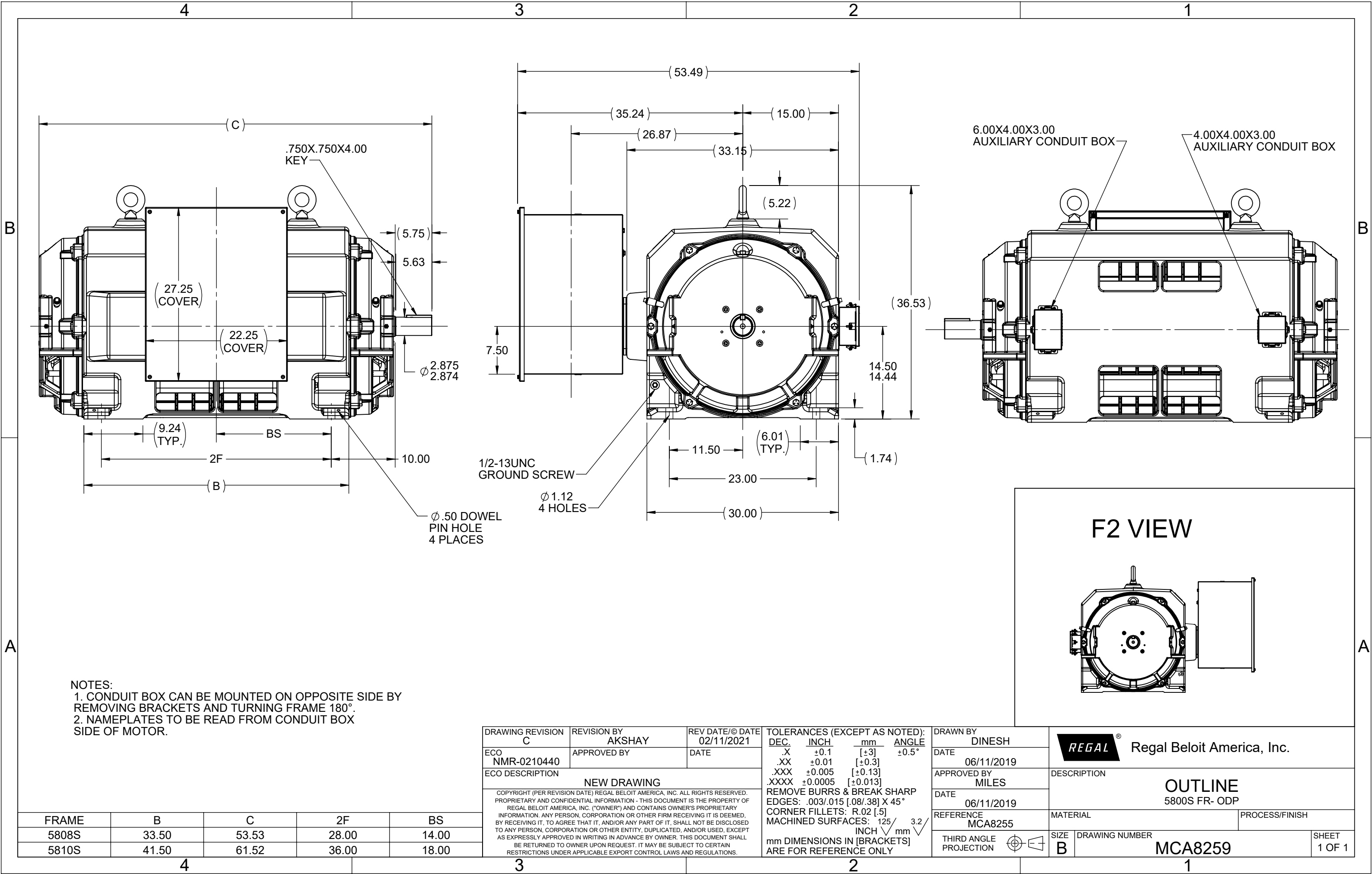
Nameplate Specifications

Output HP	1500 Hp	Output KW	1120.0 kW
Frequency	60 Hz	Voltage	2300/4000-4160 V
Current	317.0/182.0-175.0 A	Speed	3583 rpm
Service Factor	1.15	Phase	3
Efficiency	96.5 %	Power Factor	92
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	5810S	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		

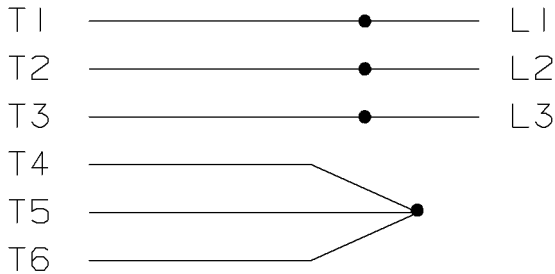
Technical Specifications

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

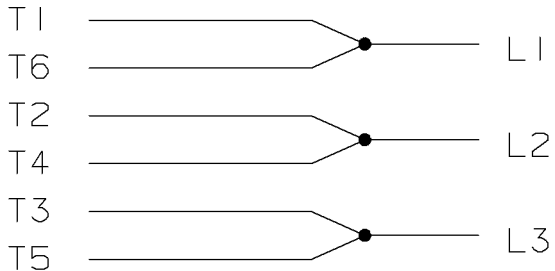
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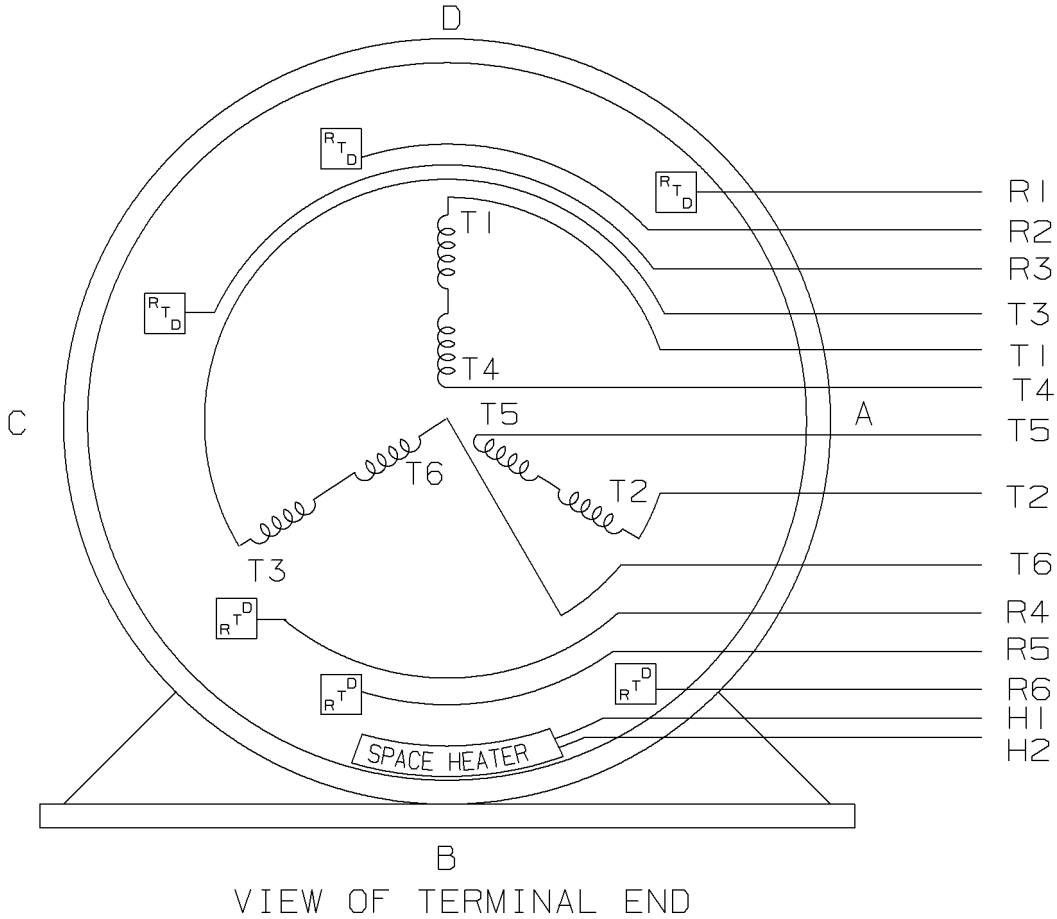
HIGH VOLTAGE
"Y" CONNECTION



LOW VOLTAGE - DELTA



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



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REV	DATE	CHANGE		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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