

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5810SVDSL16001

Catalog No: Y9124

durance Series® MODEL-IHP, 1000HP,2P,ODP,5810S,3/60/2300/4000-4160,CW/DE,120VSH,WRTD-SH,BRTD PROV



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RegalRexnord

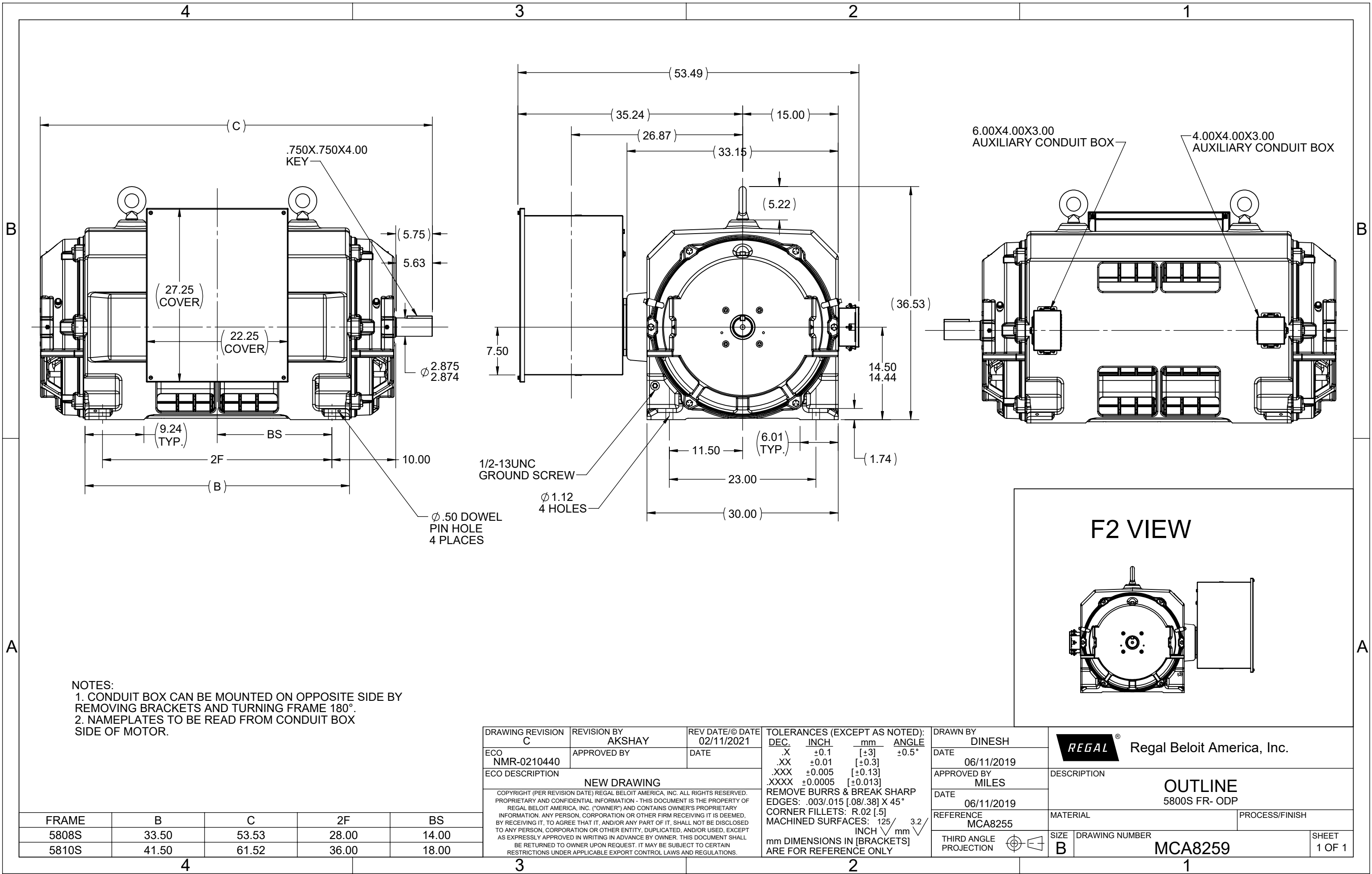
Nameplate Specifications

Output HP	1000 Hp	Output KW	750.0 kW
Frequency	60 Hz	Voltage	2300/4000-4160 V
Current	215.0/124.0-119.0 A	Speed	3583 rpm
Service Factor	1.15	Phase	3
Efficiency	96.2 %	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
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
Outline Drawing	MCA8259	Connection Drawing	EE7304AC

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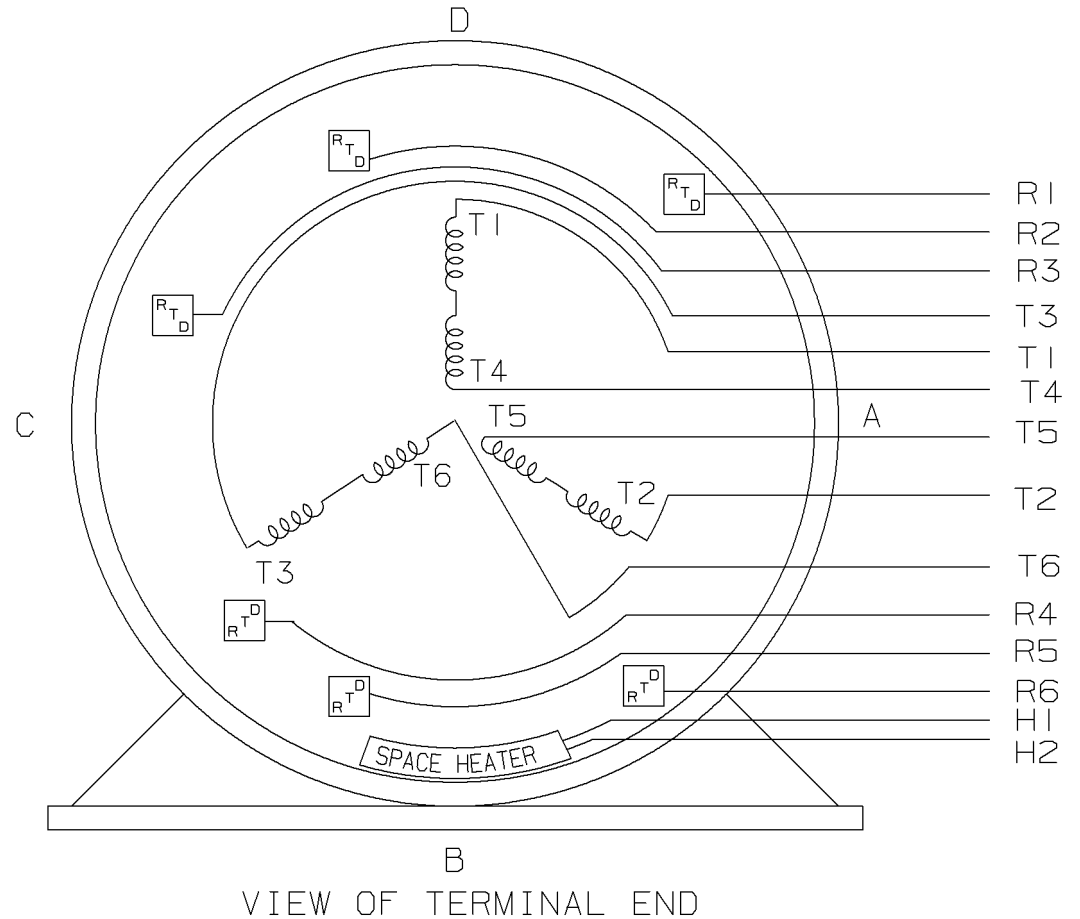
HIGH VOLTAGE "Y" CONNECTION


LOW VOLTAGE - DELTA

Diagram illustrating a 3-to-1 multiplexer structure with three data inputs (T1, T2, T3) and two select inputs (T4, T5). The outputs are L1, L2, and L3.

- Input T1 is connected to output L1.
- Input T2 is connected to output L2.
- Input T3 is connected to output L3.

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



				<div>✓</div> <div>MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE</div>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±				
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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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