

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5011STFCD6501
Catalog No: Y9246
450,3600,TEFC,5011S,3/60/460
Miscellaneous

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The logo for Regal Rexnord, featuring a stylized green and blue icon to the left of the company name in a bold, sans-serif font.

Nameplate Specifications

Output HP	450 Hp	Output KW	340.0 kW
Frequency	60 Hz	Voltage	460 V
Current	479.0 A	Speed	3582 rpm
Service Factor	1.15	Phase	3
Efficiency	95.8 %	Power Factor	91.7
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	G
Frame	5011S	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Selective Clockwise
Resistance Main	.0048 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	S	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS620971	Connection Drawing	EE7300CD

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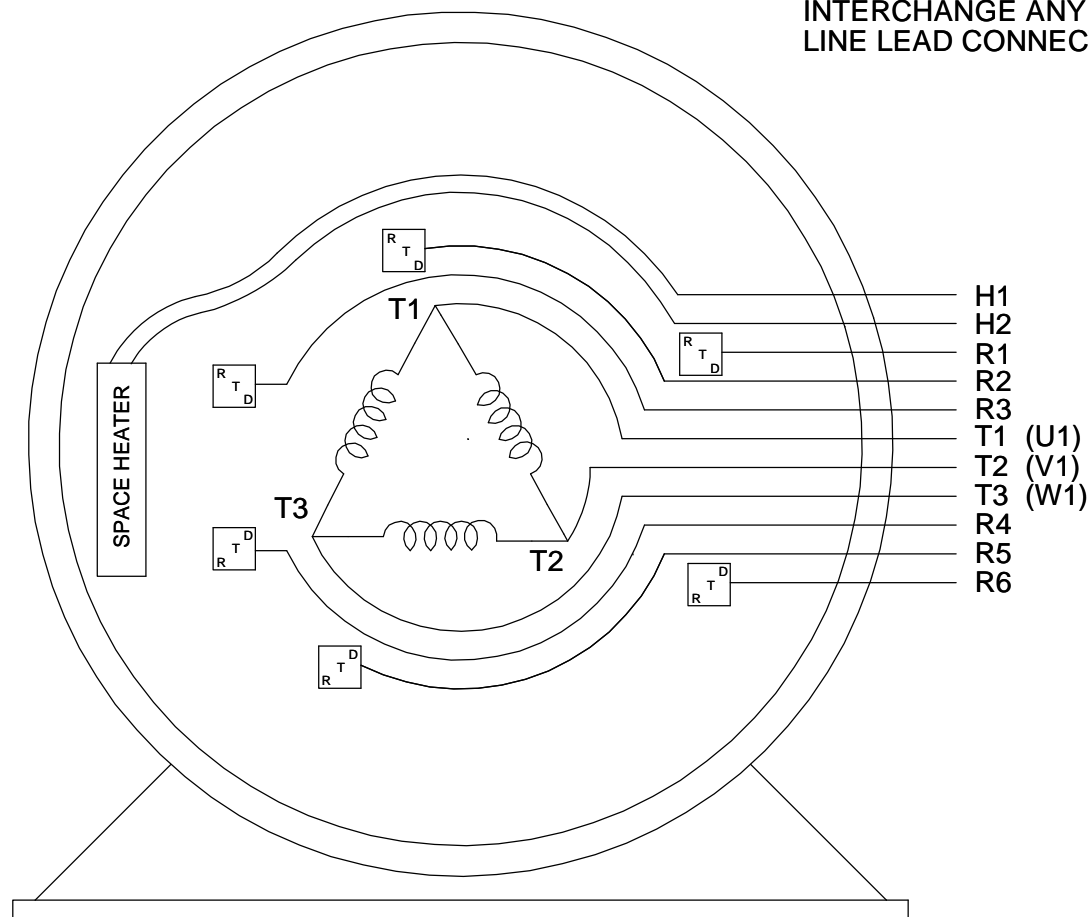
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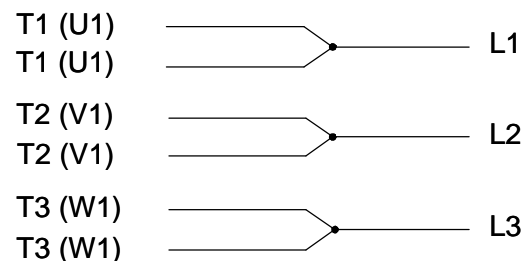
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THREE PHASE - SINGLE VOLTAGE
MOTOR OR INDUCTION GENERATOR
WITH 6 RTD'S 2 PER PHASE
MARKED R1 THRU R6, AND ONE
SPACE HEATER MARKED H1 & H2.

TO REVERSE ROTATION
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.




IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHRE LIKE T'S



A-9806 DECAL

VIEW OF TERMINAL END

DRAWING REVISION C	REVISION BY SD	REV DATE/© DATE 12/13/2019	TOLERANCES (EXCEPT AS NOTED):				DRAWN BY RM	<div> Regal Beloit America, Inc.</div>			
ECO ECO-0178718	APPROVED BY GM	DATE 12/13/2019	DEC.	INCH	mm	ANGLE	DATE 03-27-1991				
ECO DESCRIPTION			.X	±0.1	[±3]	±7' 30"	APPROVED BY ML	DESCRIPTION <div>CONNECTION DIAGRAM</div> <div>SINGLE VOLT - 3<MOD-DIAM> MOTOR</div>			
LOGO UPDATED			.XX	±0.02	[±0.5]		DATE 03-27-1991				
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			.XXXX	±0.0005	[±0.013]						
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45 °								
			CORNER FILLETS: R.02 [.5]								
			MACHINED SURFACES: 200/5.1 INCH/mm				THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7300CD	SHEET 1 OF 1	
			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY								