

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5011STHFCD9001
Catalog No: Y9266
450,3600,TEFC,5011S,3/60/460
Miscellaneous

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The logo for Regal Rexnord, featuring a stylized green and blue icon followed by the text "RegalRexnord" 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	56
Number of Speeds	1		

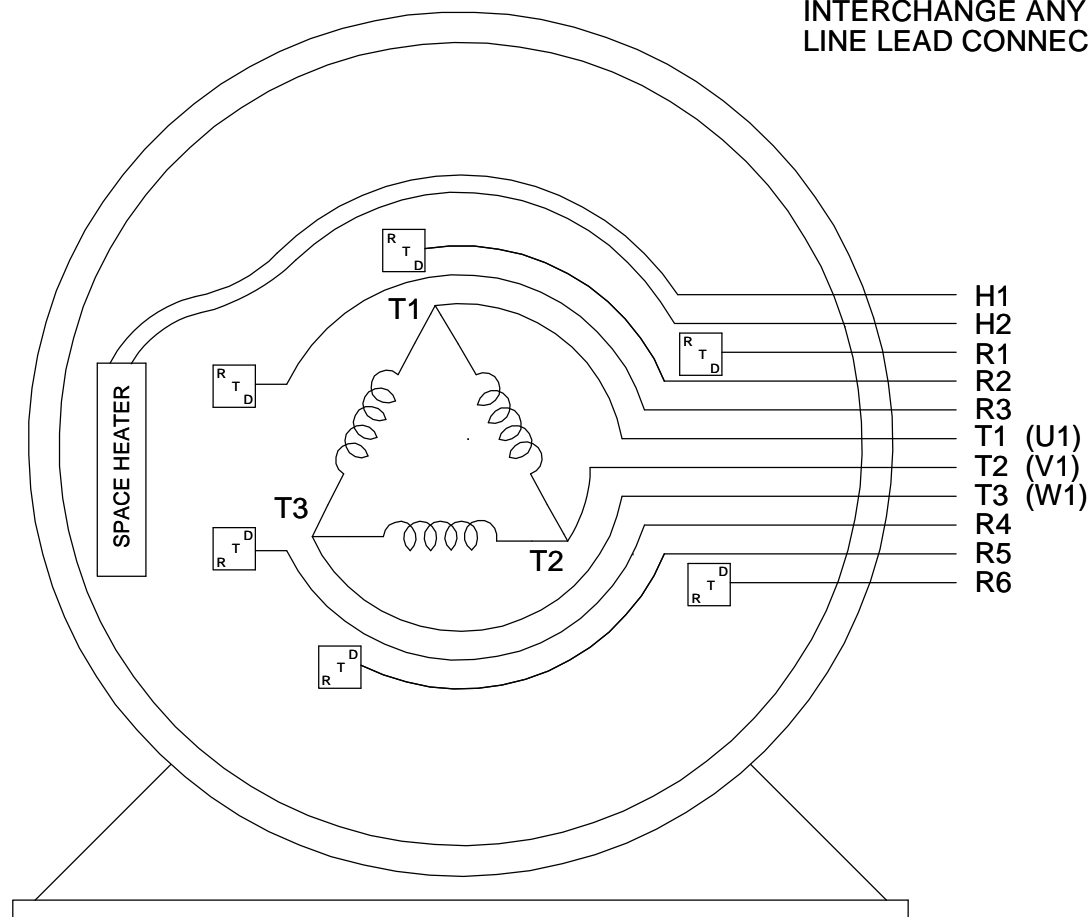
Technical Specifications

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
Connection Drawing	EE7300CD	Outline Drawing	SS620971

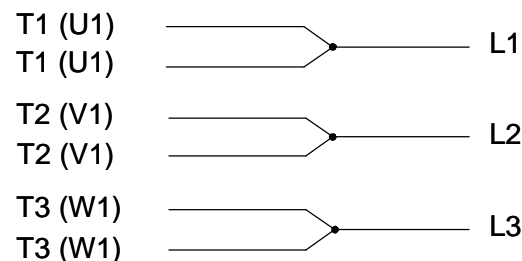
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THREE PHASE - SINGLE VOLTAGE
MOTOR OR INDUCTION GENERATOR
WITH 6 RTD'S 2 PER PHASE
MARKED R1 THRU R6, AND ONE
SPACE HEATER MARKED H1 & H2.

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): <table><tr><td>DEC.</td><td>INCH</td><td>mm</td><td>ANGLE</td></tr><tr><td>.X</td><td>±0.1</td><td>[±3]</td><td>±7' 30"</td></tr><tr><td>.XX</td><td>±0.02</td><td>[±0.5]</td><td></td></tr><tr><td>.XXX</td><td>±0.005</td><td>[±0.13]</td><td></td></tr><tr><td>.XXXX</td><td>±0.0005</td><td>[±0.013]</td><td></td></tr></table>				DEC.	INCH	mm	ANGLE	.X	±0.1	[±3]	±7' 30"	.XX	±0.02	[±0.5]		.XXX	±0.005	[±0.13]		.XXXX	±0.0005	[±0.013]		DRAWN BY RM	<div> Regal Beloit America, Inc.</div>			
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ECO ECO-0178718	APPROVED BY GM	DATE 12/13/2019	DATE 03-27-1991																												
ECO DESCRIPTION			APPROVED BY ML				DESCRIPTION <div>CONNECTION DIAGRAM</div> <div>SINGLE VOLT - 3<MOD-DIAM> MOTOR</div>																								
LOGO UPDATED			DATE 03-27-1991																												
<div>COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</div>			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45 °				REFERENCE				MATERIAL		PROCESS/FINISH																		
			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																												