

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 324TTFS16509
Catalog No: 324TTFS16509
40,3600,TEFC,324TDZ,3/60/460
Miscellaneous

Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E

The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

Nameplate Specifications

Output HP	40 Hp	Output KW	30.0 kW
Frequency	60 Hz	Voltage	460 V
Current	47.0 A	Speed	3545 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	324TDZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	312	Opp Drive End Bearing Size	311
UL	Recognized	CSA	Y
CE	Y	IP Code	54
Number of Speeds	1		

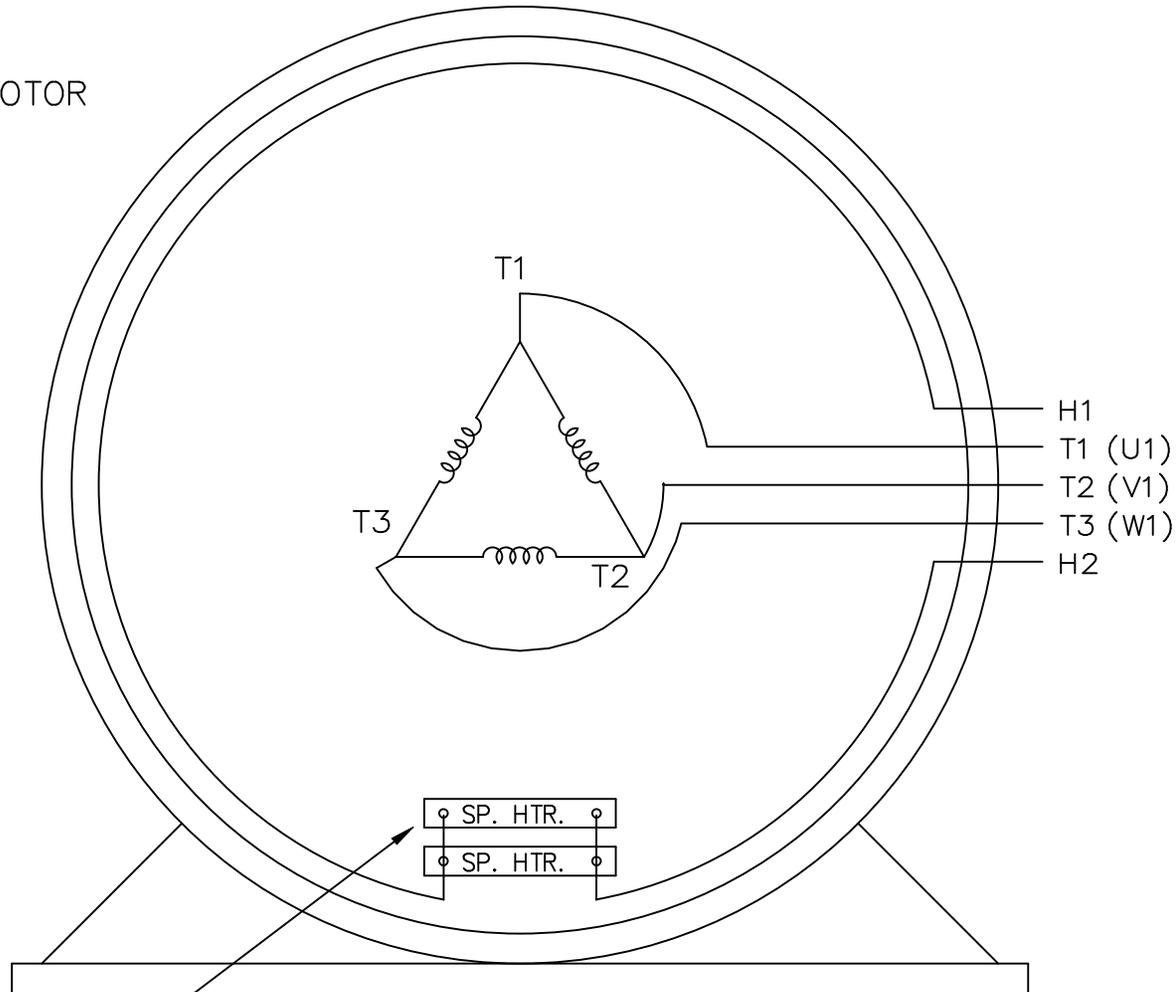
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.122 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS300494-1150	Connection Drawing	A-EE7300V

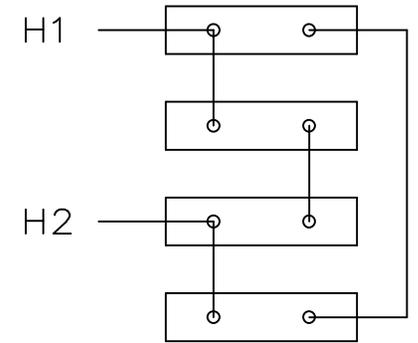
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:12/01/2021

EE7300V

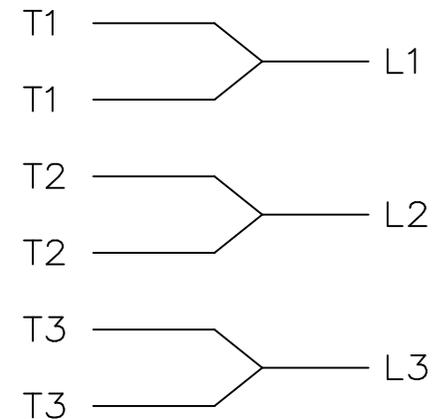
SINGLE VOLTAGE
THREE PHASE MOTOR



SPACE HEATERS
CONNECTED IN
SERIES PARALLEL



IF MOTOR OR GEN.
HAS 6 LEADS



WHEN MORE THAN ONE
SPACE HEATER, CONNECT
IN PARALLEL

VIEW OF TERMINAL END

NOTE: IEC LEAD MARKINGS ARE NOTED IN PARENTHESES

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DJK 04-29-1993					
				DEC.	INCHES		CHK	ML	04-30-1993			
7	ADDED IEC LEAD MARKINGS AND NOTE	AK 08-24-2008	SVL	.X	±.1	TITLE CONNECTION DIAGRAM 3Ø-SINGLE VOLTAGE-WITH SPACE HEATERS	APPD	TB	04-30-1993			
6	REDRAWN IN AUTOCAD	TAT 08-02-2004	ML	.XX	±.02		SCALE	1=1				
5	REDRAWN ON CADD, ADDED SPACE HEATERS WITH SERIES PARALLEL CONNECTION 4025224	DJK 05-03-1993		.XXX	±.005		REF					
				.XXXX	±.0005		FMF					
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"		PREV					
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE ee7300v			SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST				A	EE7300V			7