

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 324TSTFPA4001

Catalog No: E971

Other Purpose Motor, 40 & 30 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
324TS Frame, TEFC

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

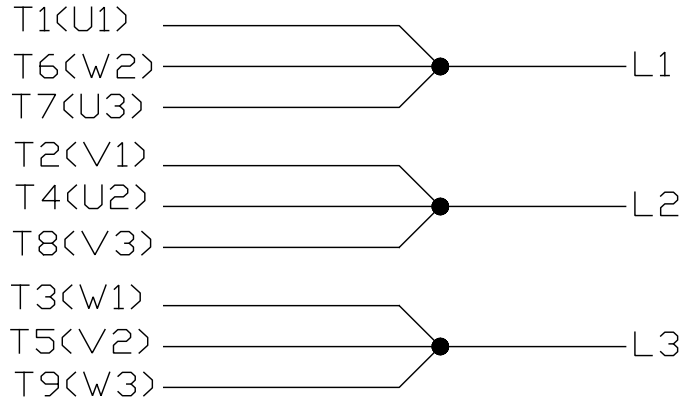
Nameplate Specifications

Phase	3	Output HP	40 & 30 Hp
Output KW	30.0 & 22.4 kW	Voltage	230/460 & 190/380 V
Speed	3545 & 2950 rpm	Service Factor	1.15 & 1.15
Frame	324TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	95/47.5 & 87/43.5 A	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

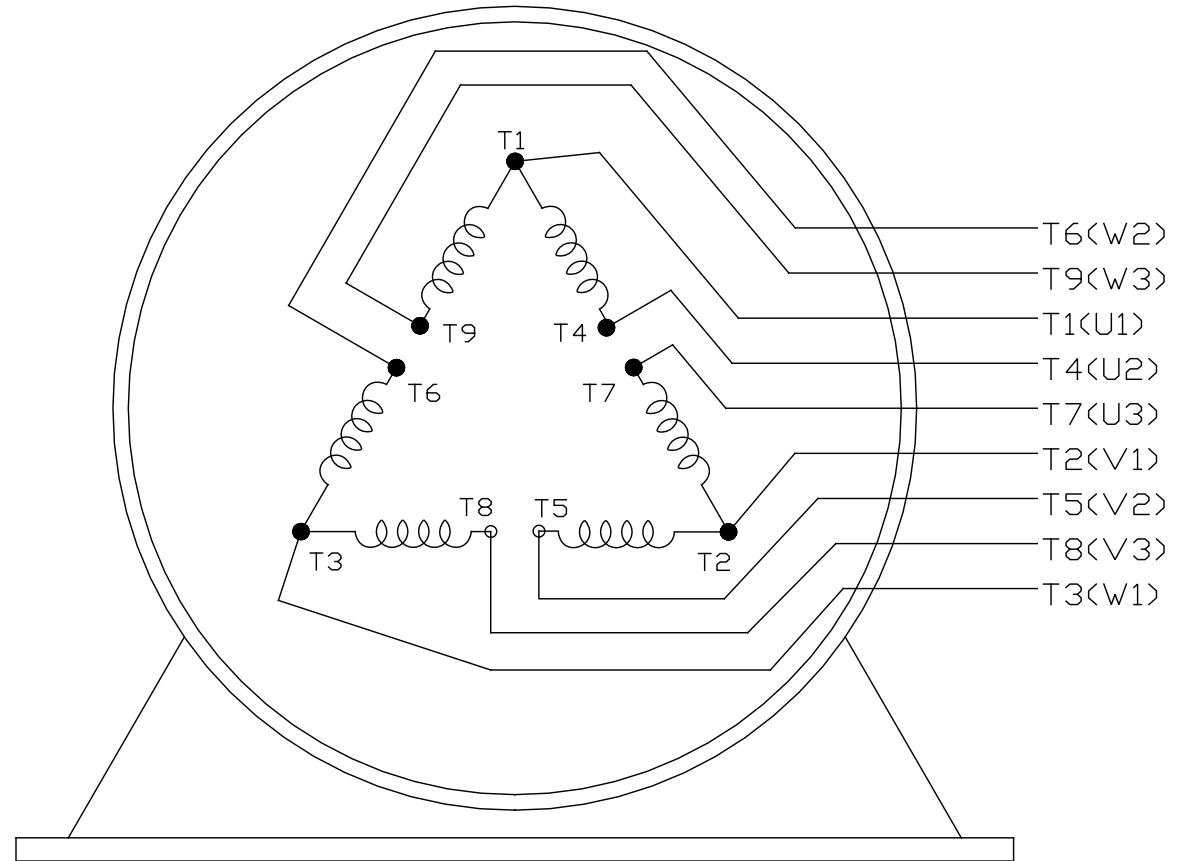
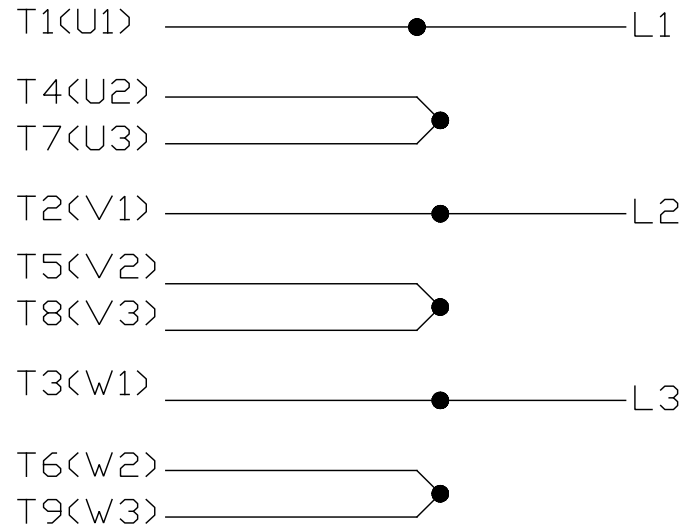
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.22 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	27.47 in
Frame Length	14.75 in	Shaft Diameter	1.875 in
Shaft Extension	3.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308K	Outline Drawing	B-SS311064-1475


LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN PGK 06-04-1997			
NO.	REVISION	BY & DATE	CHK	ANG		±	INCHES	CHK	
E	CORRECTED IEC MARKINGS ECD-0111208	WGJ 01-23-2017	EMH	DEC.			ML 06-05-1997		
D	RE-DRAWN WITH REGAL LOGO ECD-0110493	WGJ 09-30-2016	EMH	.X	±.1		APPD GK 06-15-1997		
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS	.XX	±.02	TITLE	SCALE		
7	REVISED HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		.XXX	±.005	CONNECTION DIAGRAM	REF		
6	REDRAWN ON CADD	PGK 06-05-1997		.XXXX	±.0005	DELTA CON. - 3Ø - 9 LEADS	FMF		
					±7'30"	MAT'L.	PREV		
			RFP			FINISH			
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