

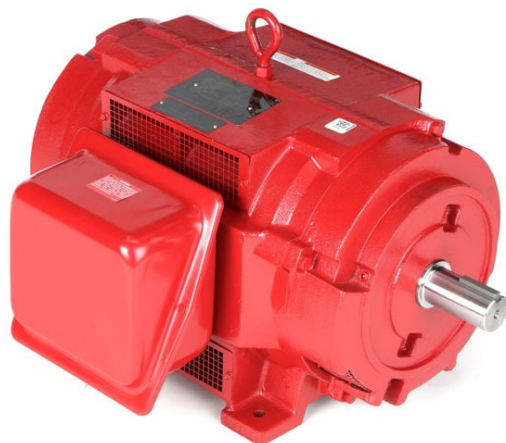
PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 284TSTDP8621

Catalog No: Y624

Other Purpose Motor, 30 & 25 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
284TS Frame, DP



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Nameplate Specifications

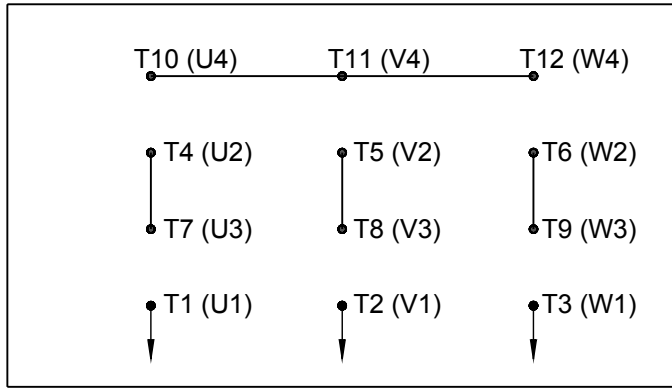
Phase	3	Output HP	30 & 25 Hp
Output KW	22.4 & 18.7 kW	Voltage	230/460 & 190/380 V
Speed	3515 & 2925 rpm	Service Factor	1.15 & 1.15
Frame	284TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	88.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	73/36.5 & 71/35.5 A	Power Factor	85.5
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	E
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

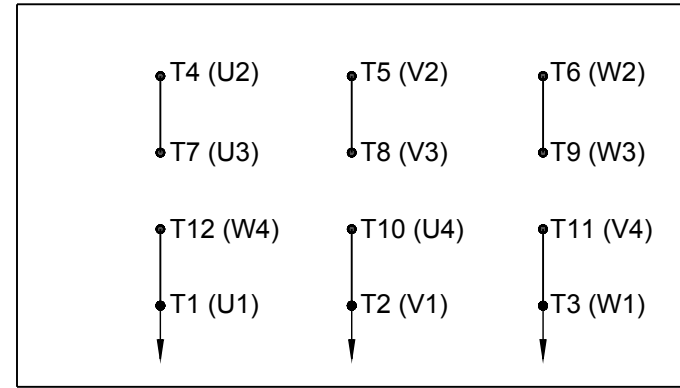
Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.48 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	22.06 in
Frame Length	12.75 in	Shaft Diameter	1.625 in
Shaft Extension	3.44 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7358	Outline Drawing	B-SS200031-1275

HIGH VOLTAGE

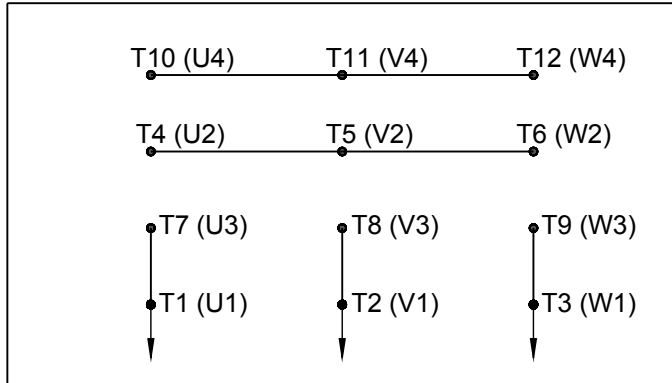
WYE START



DELTA RUN

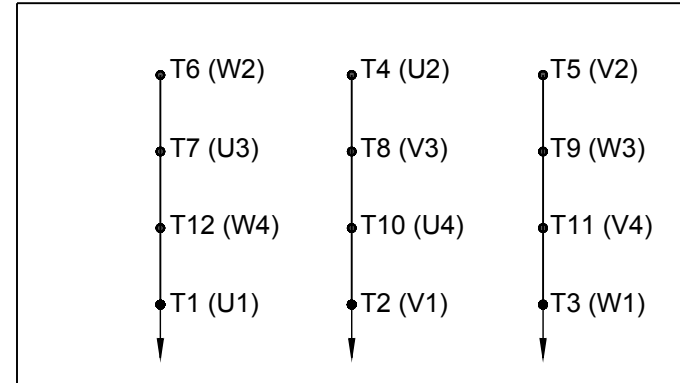


WYE START



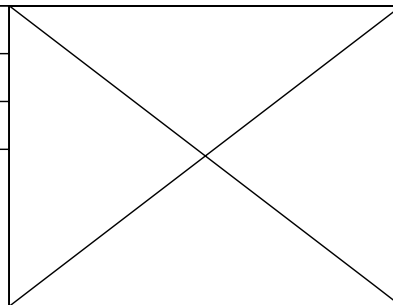
LOW VOLTAGE

DELTA RUN



4/2 CKTY \triangle

DRAWING REVISION D	REVISION BY JWO	DATE 01-26-2016
ECO ECO-0092547	APPROVED BY TB	DATE 01-26-2016
ECO DESCRIPTION ADDED IEC MARKINGS		



DRAWN BY BLR	Regal Beloit America, Inc.		
DATE 03-09-1998			
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL 12 LEAD - DUAL VOLT. - WYE START - DELTA RUN		
DATE 03-23-1998			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7358	SHEET 1 OF 1

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