

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 326TTDBD6026
Catalog No: GT0077
50,1800,DP,326T,3/60/230/460
Open Drip Proof (ODP)



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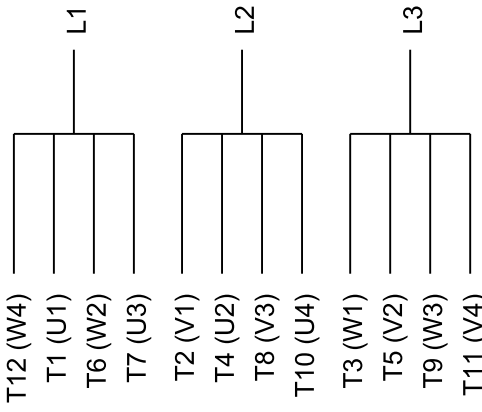
Nameplate Specifications

Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	118.0/59.0 A	Speed	1780 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Frame	326T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6312
Opp Drive End Bearing Size	6312	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

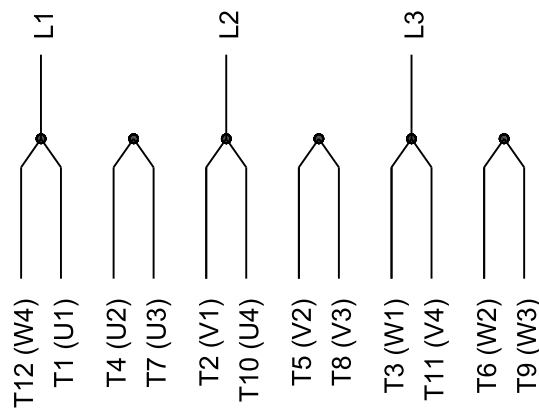
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	29.73 in	Shaft Diameter	2.125 in
Shaft Extension	5.25 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	SS620746-326T	Connection Diagram	EE7308AA

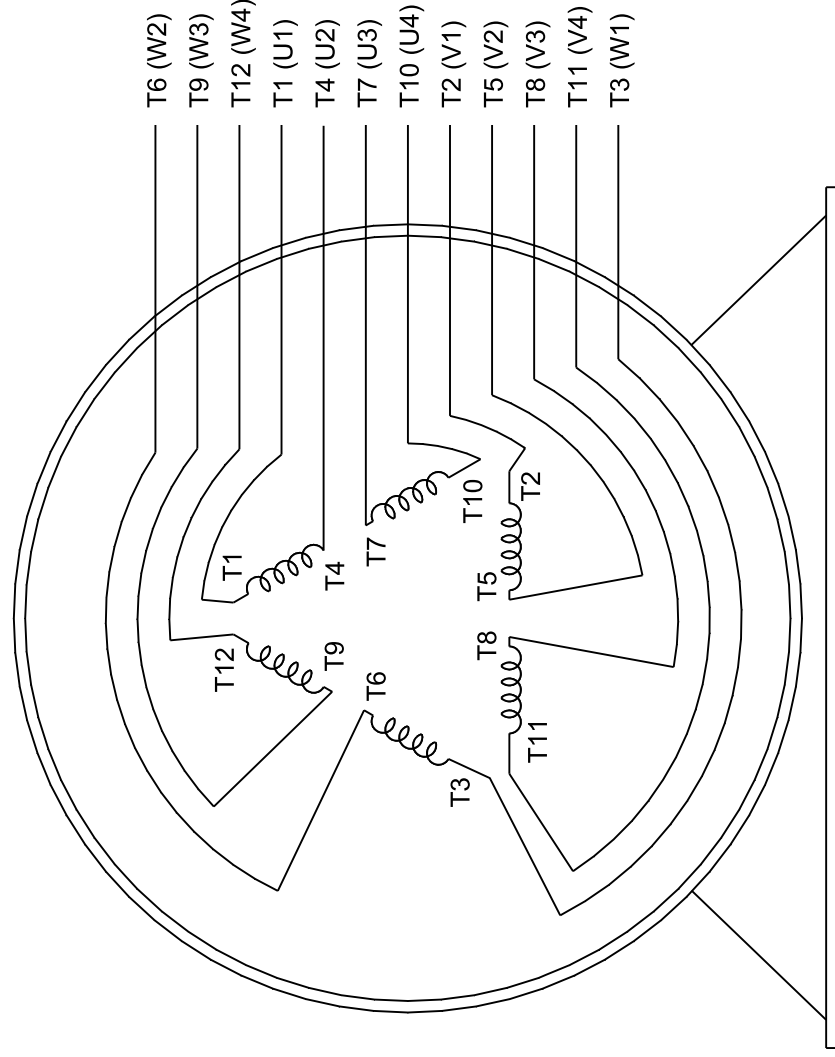
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LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION		REVISION BY	DATE	DRAWN BY		DATE		APPROVED BY		DATE		REFERENCE		THIRD ANGLE PROJECTION		SIZE		DRAWING NUMBER		SHEET	
K		AJW	07-17-2015	LZ		01-12-1994		GK		01-14-1994				A		EE7308AA		1 OF 1			
ECO		ECO-0081632		T. VJUE		07-17-2015															
ECO DESCRIPTION		REV'D IEC MARKINGS PER IEC 60034-8		COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED.		REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNERS 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.		REGAL BELOIT AMERICA, Inc.		DESCRIPTION		CONN DIAGRAM-EXTERNAL		3Ø-2/1 DELTA-12 LEADS		MATERIAL		PROCESS/FINISH			

CERTIFICATION DATA SHEET

Model#: 326TTDDBD6026 AA **WINDING#:** HE32004010 NONE 2
CONN. DIAGRAM: EE7308AA **ASSEMBLY:** F1/F2 CAPABLE
OUTLINE: SS620746

TYPICAL MOTOR PERFORMANCE DATA

HP	50&40	KW	37&30	SYNC. RPM	1800	F.L. RPM	1780&1480	FRAME	326T	ENCLOSURE	DP	KVA CODE	G	DESIGN	B					
PH	3	Hz	60/50	VOLTS	230/460#190/380	FL AMPS	118/59&114/57	START TYPE	Y	DUTY	CONTINUOUS	S.F.	1.15/1.15	AMB°C	40	ELEVATION	3300			
FULL LOAD EFF:		94.5&94.1		3/4 LOAD EFF: 95		1/2 LOAD EFF: 94.5		GTD. EFF		ELEC. TYPE		NO LOAD AMPS								
FULL LOAD PF:		84&84.5		3/4 LOAD PF: 79.5		1/2 LOAD PF: 89.5		94.5		SQ CAGE INV/RATED		48 / 24								
F.L. TORQUE		147 LB-FT		LOCKED ROTOR AMPS		710 / 355		L.R. TORQUE		274 LB-FT 185		B.D. TORQUE		363 LB-FT 245		F.L. RISE°C		35		
SOUND PRESSURE @ 3 FT.		75 dBA		SOUND POWER		85 dBA		ROTOR WK*2		10.5 LB-FT*2		MAX. WK*2		SAFE STALL TIME		20 SEC.		APPROX. MOTOR WGT		575 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	STANDARD	ODE BRACKET TYPE	STANDARD	MOUNT TYPE	RIGID	ORIENTATION	HORIZONTAL	SEVERE DUTY	FALSE	HAZARDOUS LOCATION	NONE	DRIP COVER	FALSE	SCREENS	NONE	PAINT	BLUE (ENAMEL)
BEARINGS DE	BALL 6312	OPE	BALL 6312	GREASE	POLYREX EM	SHAFT TYPE	T	SPECIAL DE	NONE	SPECIAL ODE	NONE	SHAFT MATERIAL	1045 HOT ROLLED (C-204)	FRAME MATERIAL	ROLLED STEEL		
THERMOSTATS		NONE		THERMO-PROTECTORS		WDG RTDs		BRG RTDs		THERMISTORS		CONTROL		SPACE in HEATERS			
PROTECTORS		NOT		WDG RTDs		NONE		BRG RTDs		THERMISTORS		NONE		CONTROL		SPACE in HEATERS	
THERMOSTATS		NONE		THERMO-PROTECTORS		WDG RTDs		BRG RTDs		THERMISTORS		NONE		CONTROL		SPACE in HEATERS	

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE:	VARIABLE 10:1
INV. HP SPEED RANGE:	NONE
ENCODER:	NONE
NONE:	NONE
NONE:	NONE PPR
BRAKE:	NONE NONE
NONE:	PIN NONE
NONE:	NONE
NONE FT-LB:	NONE V NONE HZ

* N O T E S *

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 FORM 3531 REV.3 02/07/99
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