

General Purpose Motors

Model No: 326TSTDBD6001

Catalog No: GT0080

General Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 326TS
Frame, DP

Product Information Packet: Model No: 326TSTDBD6001, Catalog No: GT0080 General Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 326TS Frame, DP

Nameplate Specifications

Phase	3	Output HP	60 & 50 Hp
Output KW	45.0 & 37.0 kW	Voltage	230/460 & 190/380 V
Speed	3575 & 2962 r/min	Synchronous RPM	3600 & 3000 r/min
Service Factor	1.15 & 1.15	Frame	326TS
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	93.6 & 93.3 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	136/68 & 136/68 A
Power Factor	89	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	F	Drive End Bearing Size	6212
Opp Drive End Bearing Size	6212	UL	Recognized
CSA	Y	CE	Y
IP Code	22	Number of Speeds	1

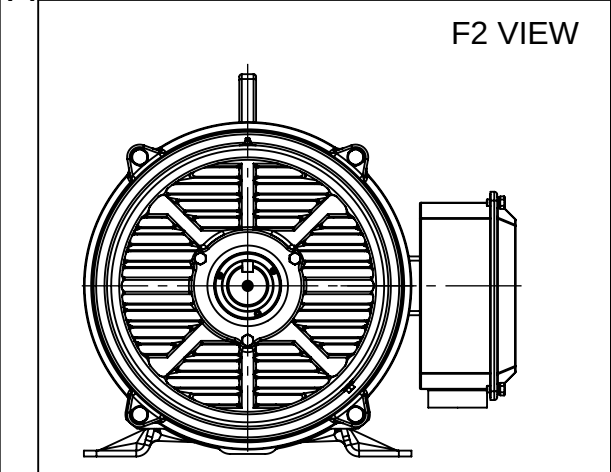
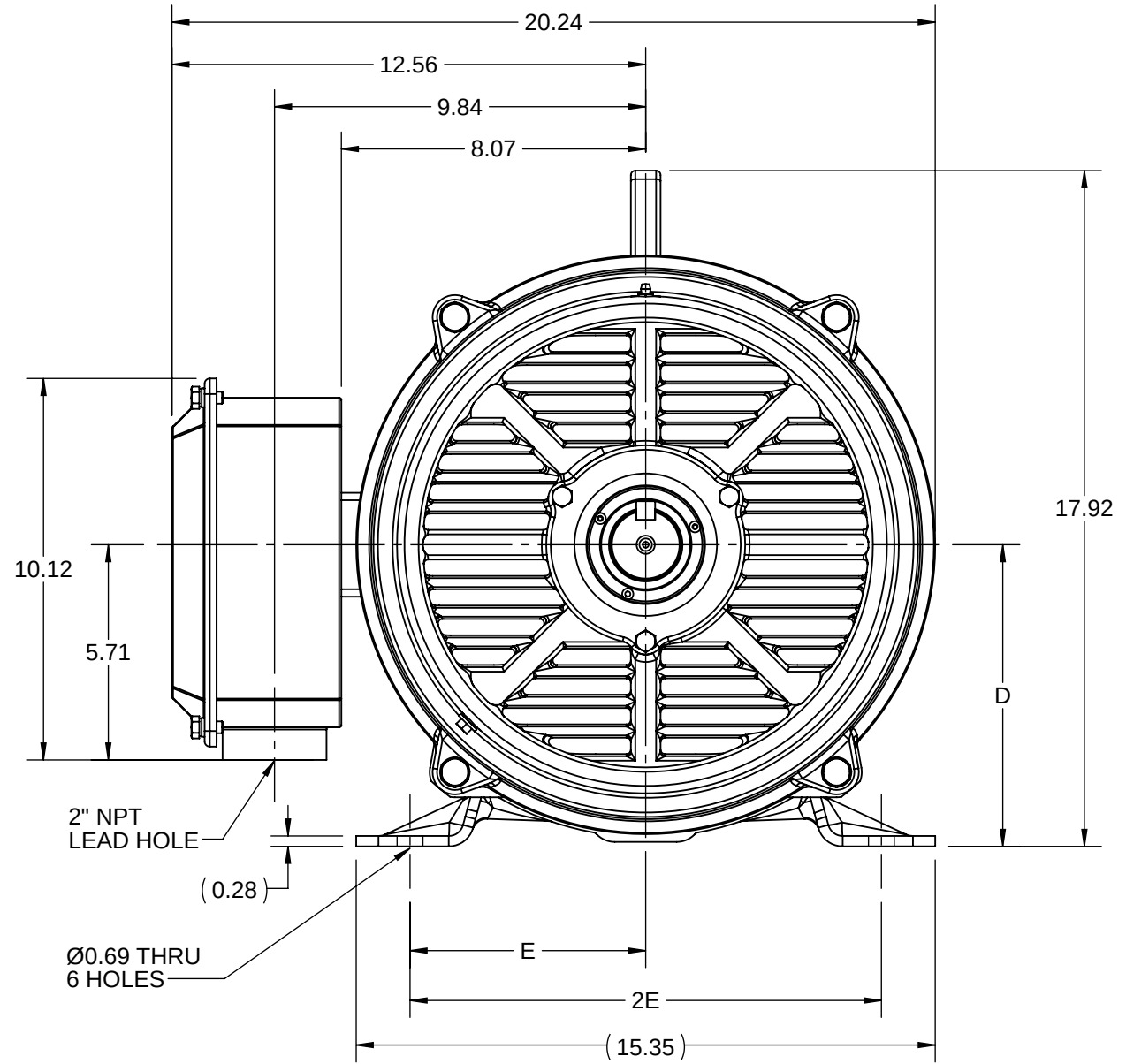
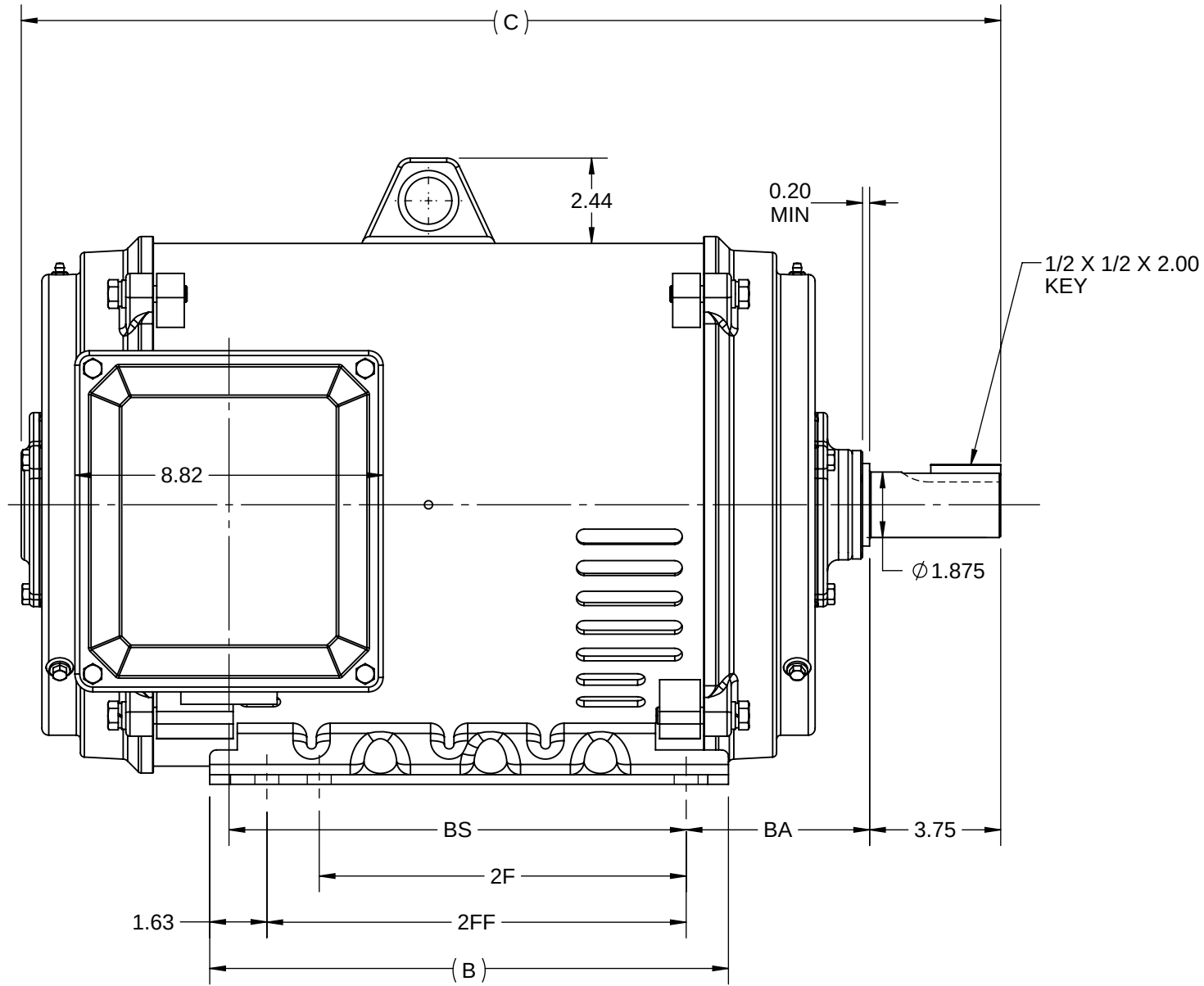
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.1349 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	TS	Overall Length	28.23 in
Shaft Diameter	1 7/8 in	Shaft Extension	3.75 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Constant 4:1/Variable 10:1

Drawings

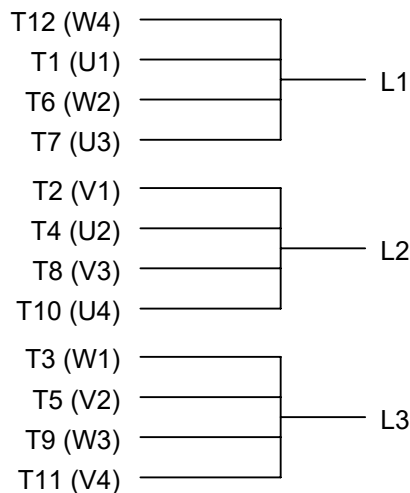
Connection Drawing	EE7308AA	Outline Drawing	SS620744-200
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4				3				2			1
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	14.85	26.85	8.00	6.25	12.50	10.50	12.00	5.25	11.90	F1 OR F2	324TS
200		28.03							13.08		326TS

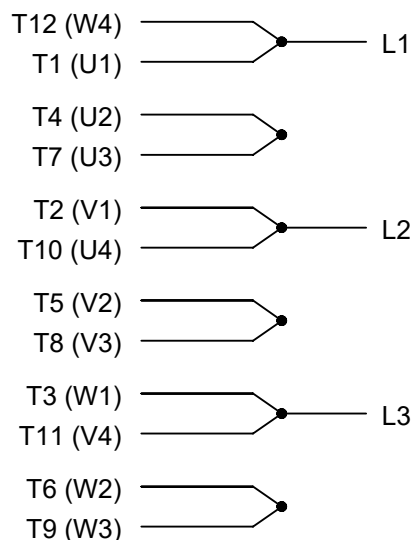


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REQUEST NUMBER CR-0026372	APPROVED BY RMS	DATE 05/22/2026
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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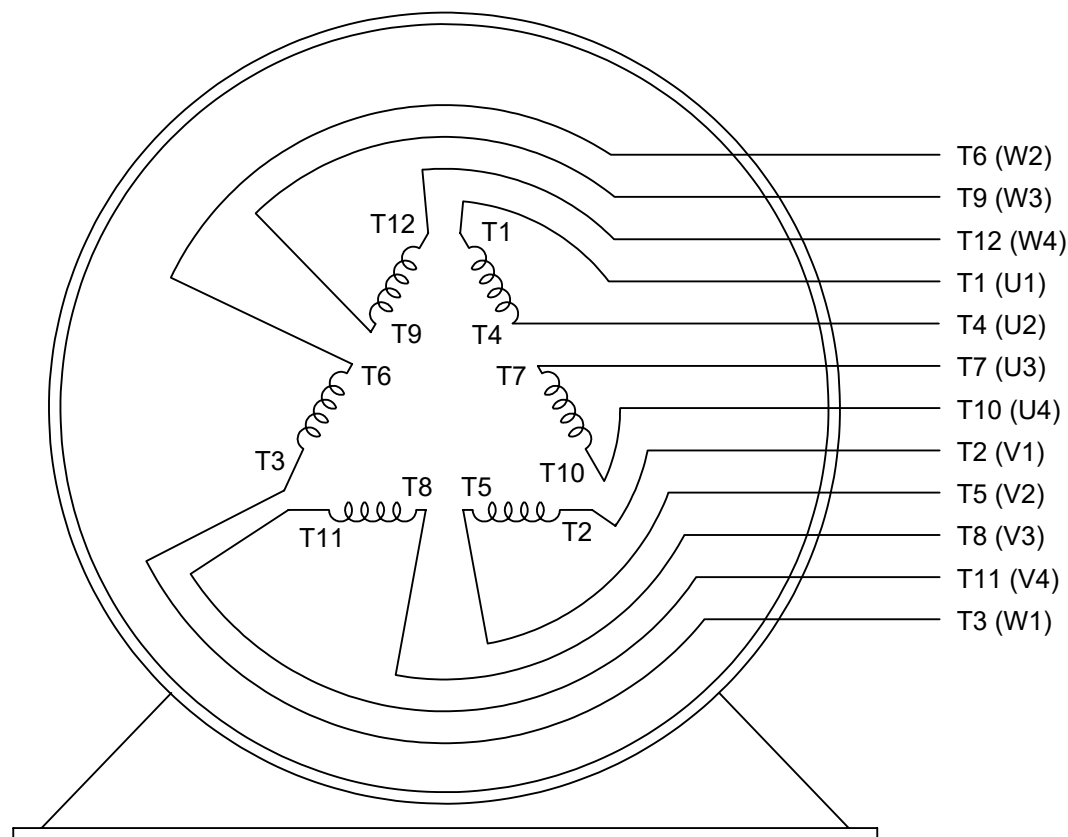
PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY XZ		marathon™		
	DATE 25/02/2016				
	APPROVED BY		DESCRIPTION OUTLINE 324/326TS FR NEMA ODP RS		
	DATE				
	REFERENCE		MATERIAL		PROCESS/FINISH
	THIRD ANGLE PROJECTION		SIZE B	DRAWING NUMBER SS620744	



LOW VOLTAGE



HIGH VOLTAGE



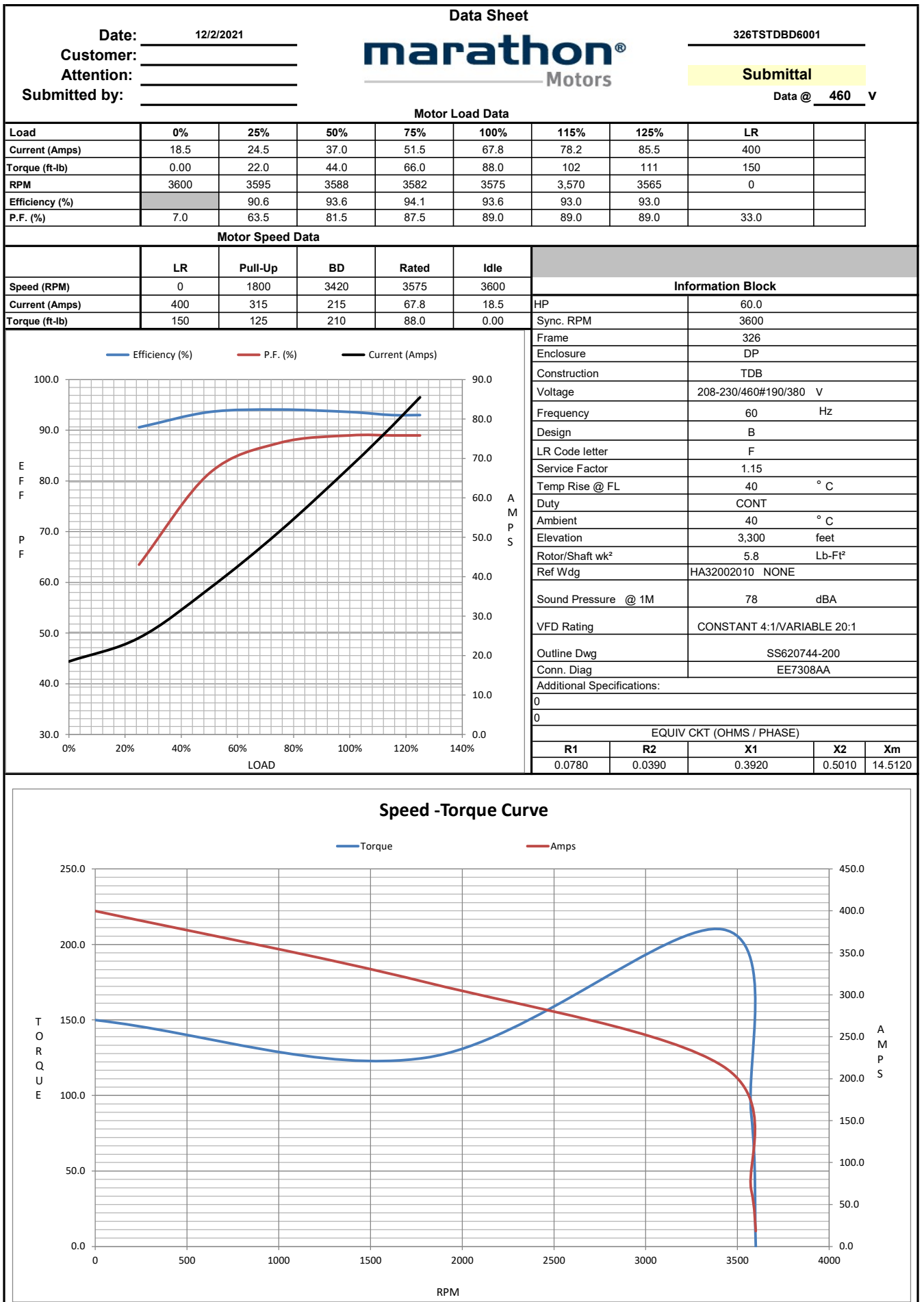
VIEW OF TERMINAL END

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REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/01/2025
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DRAWN BY LZ	DATE 01-12-1994
APPROVED BY GK	DATE 01-14-1994
REFERENCE	
THIRD ANGLE PROJECTION	

marathon™		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1



CERTIFICATION DATA SHEET

Model#: 326TSTDBD6001 AA

WINDING#: HE32002010 NONE 2

CONN. DIAGRAM: EE7308AA

ASSEMBLY: F1/F2 CAPABLE

OUTLINE: SS620744

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
60&50	45&37	3600	3575&2962	326TS	DP	F	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/ 380	136/68&136/6 8	PWS & YDRUN OR INV	CONTINUOU S	F7	1.15/1.15	40	3300

FULL LOAD EFF: 93.6&93.3	3/4 LOAD EFF: 94.1	1/2 LOAD EFF: 93.6	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 89&89.5	3/4 LOAD PF: 87.5	1/2 LOAD PF: 81.5	93	SQ CAGE INV RATED	37 / 18.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
88 LB-FT	800 / 400	150 LB-FT 70	210 LB-FT 240	30

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
78 dBA	88 dBA	5.4 LB-FT^2	- LB-FT^2	25 SEC.	2	- LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	TS	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL
6312	6312						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

* N O T E S *	INVERTER TORQUE: VARIABLE 10:1
	INV. HP SPEED RANGE: NONE
	ENCODER: NONE
	NONE NONE NONE NONE PPR
	BRAKE: NONE NONE
	NONE P/N NONE
	NONE NONE
	NONE FT-LB NONE V NONE Hz

DATE: 07/03/2017 03:54:59 AM
FORM 3531 REV.3 02/07/99

** Subject to change without notice.