

PRODUCT INFORMATION PACKET



Model No: 324THFS6580
Catalog No: 324THFS6580
25,1200,TEBC,324T,3/60/575

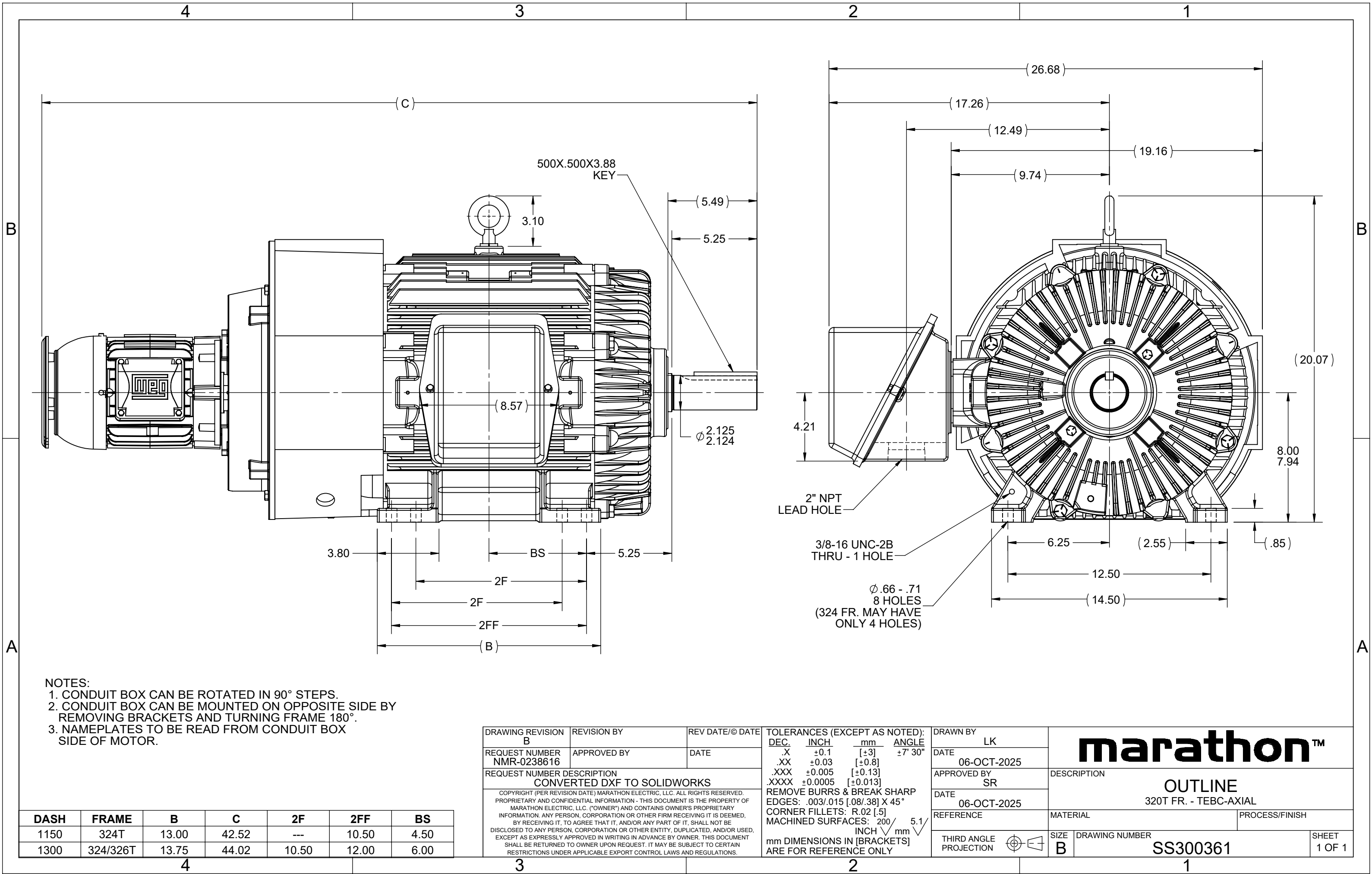
Nameplate Specifications

Phase	3	Output HP	25 Hp
Output KW	18.7 kW	Voltage	575 V
Speed	1180 r/min	Service Factor	1
Frame	324T	Enclosure	TEBC
Thermal Protection	Thermostat	Efficiency	92.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	25.5 A	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	G
Drive End Bearing Size	312	Opp Drive End Bearing Size	311
CSA	Y	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	.28 Ω	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 2000:1		
Connection Drawing	A-EE7300AK	Outline Drawing	B-SS300361-1150

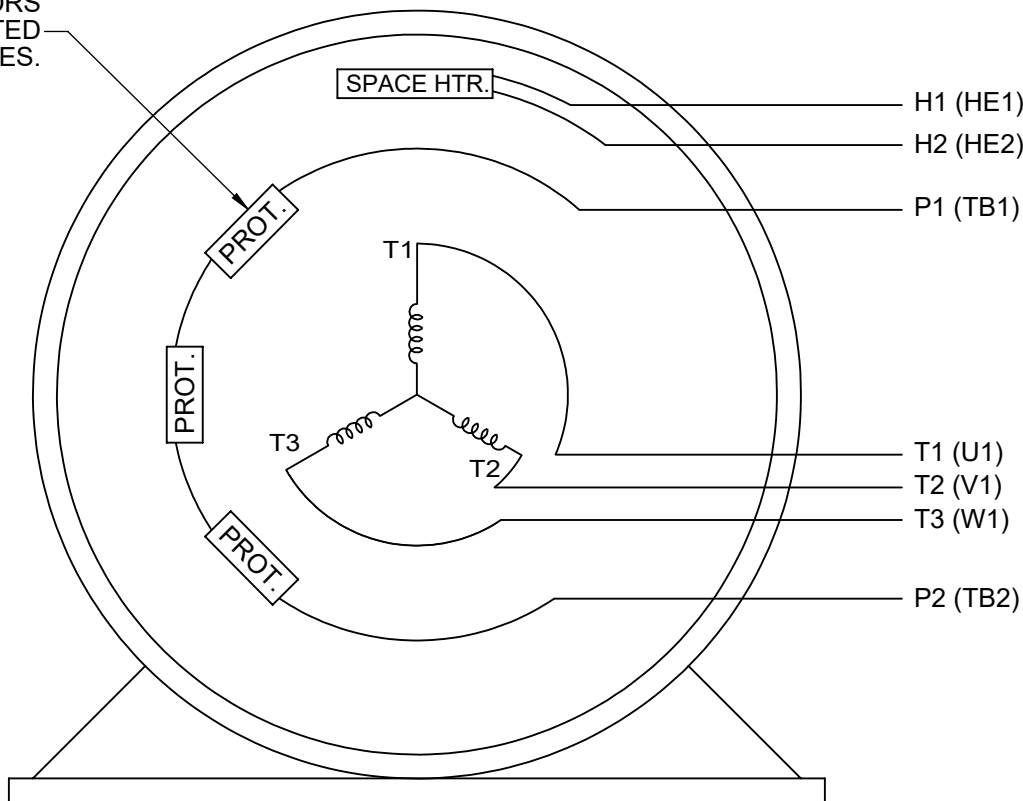
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P1 AND P2 PROTECTORS TO VOLTAGE CONTROL

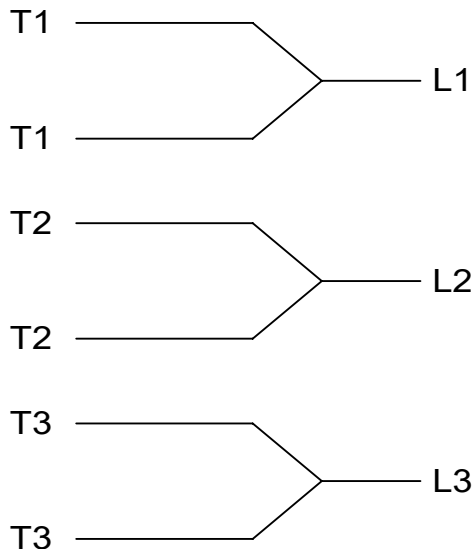
TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

PROTECTORS
CONNECTED
IN SERIES.



VIEW OF TERMINAL END

IF MOTOR OR GENERATOR
HAS 6 LEADS



A-9806 DECAL

DRAWING REVISION K	REVISION BY SB	REV DATE/© DATE 10/08/2025
REQUEST NUMBER CR-0024284	APPROVED BY RMS	DATE 10/08/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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TOLERANCES (EXCEPT AS NOTED):			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7° 30"
.XX	±0.02	[±0.5]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [.08/.38] X 45°			
CORNER FILLETS: R.02 [.5]			
MACHINED SURFACES: 200/ 5.1			
INCH √ mm √			
mm DIMENSIONS IN [BRACKETS]			
ARE FOR REFERENCE ONLY			

DRAWN BY MJD
DATE 06-24-2014
APPROVED BY TB
DATE 07-06-1998
REFERENCE
THIRD ANGLE PROJECTION

marathon™			
DESCRIPTION CONN DIAGRAM-INTERNAL			
SINGLE VOLT-3Ø MOTOR			
MATERIAL		PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300AK		SHEET 1 OF 1