PRODUCT INFORMATION PACKET

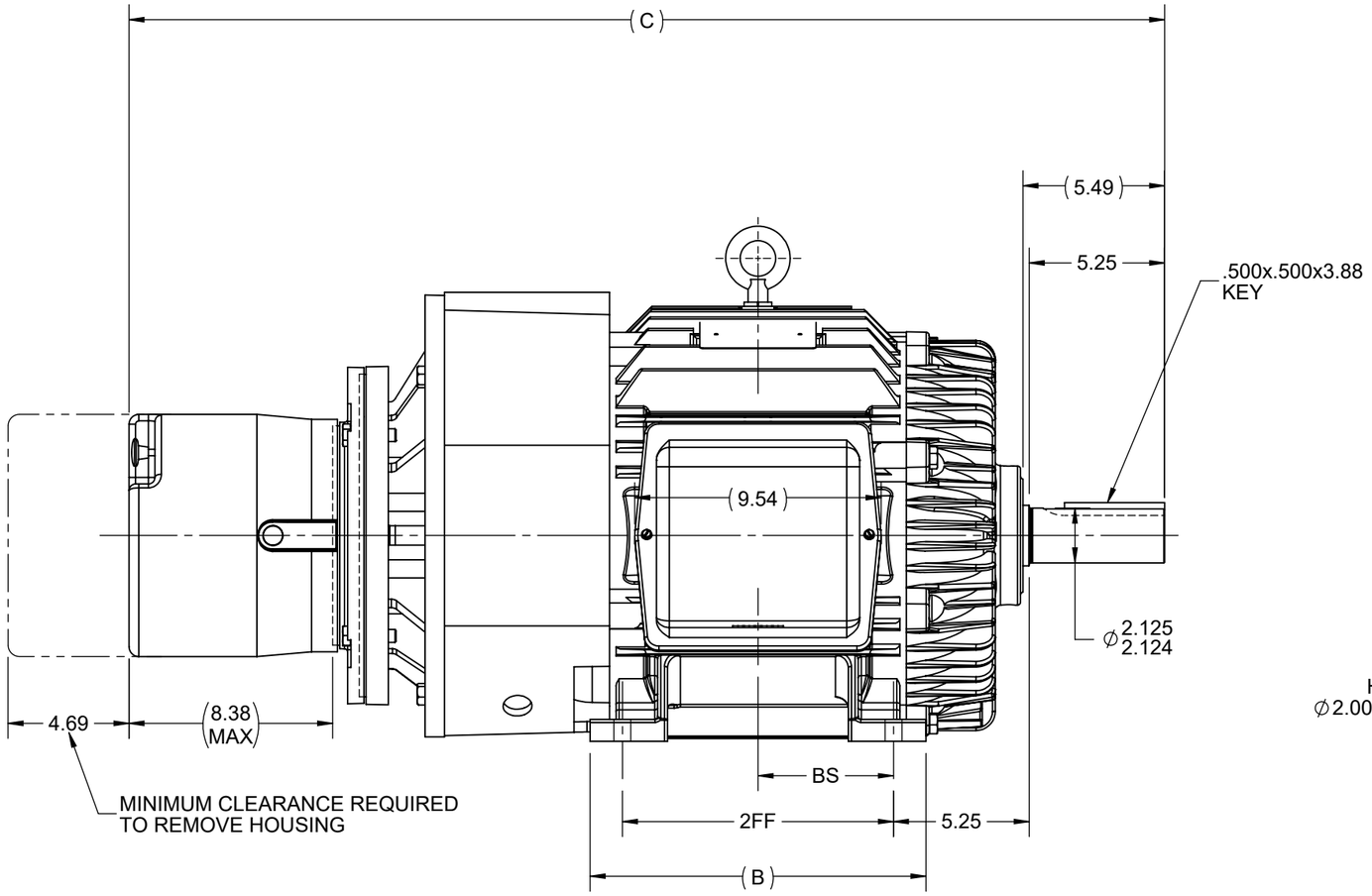
Model No: 326TTFS14084
Catalog No: 326TTFS14084
30,1200,TEFC,326T,3/60/460

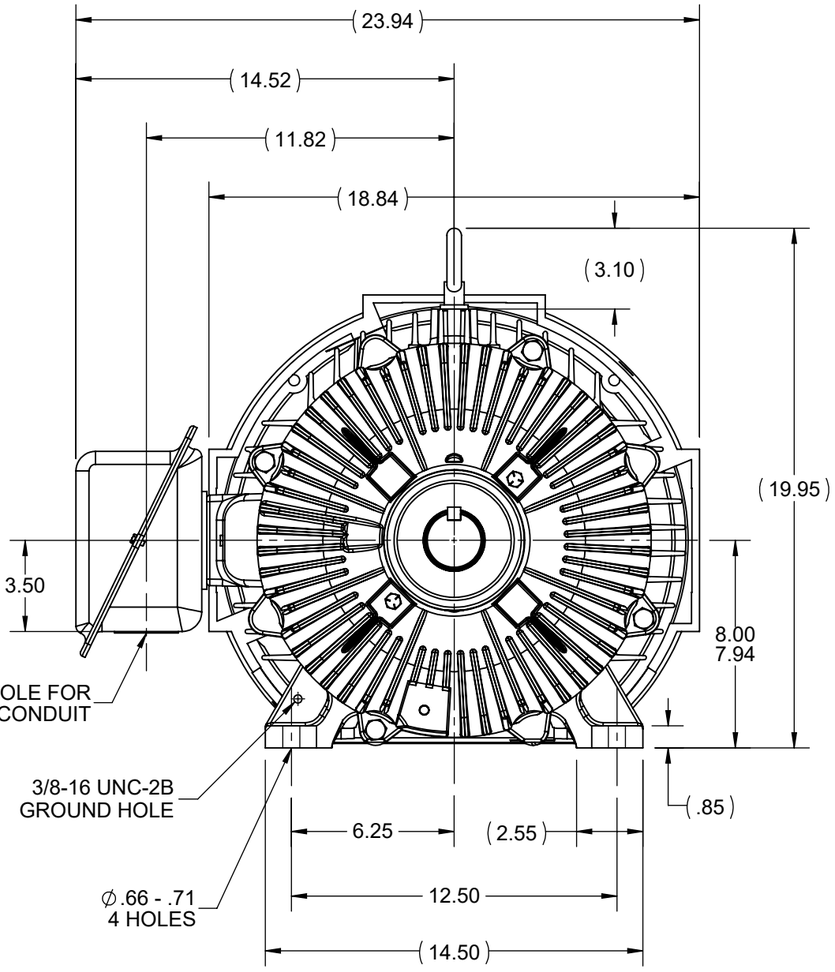
Nameplate Specifications

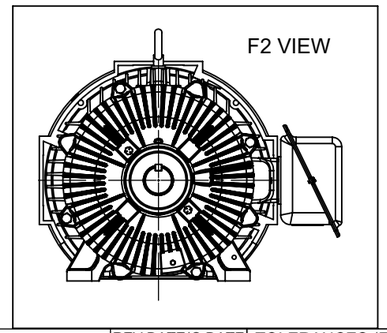
Phase	3	Output HP	30 Hp
Output KW	22.4 kW	Voltage	460 V
Speed	1180 rpm	Service Factor	1.15
Frame	326T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	38.0 A	Power Factor	80.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	312	Opp Drive End Bearing Size	311
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.26 Ohms	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
Outline Drawing	B-SS300907-1300	Connection Drawing	A-EE7300







NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE READ FROM CONDUIT BOX SIDE OF MOTOR.

1150	324T	40.61	13.01	10.50	5.25
DASH	FRAME	C	B	2FF	BS

DRAWING REVISION	REVISION BY	REV DATE/© DATE
A		
REQUEST NUMBER	APPROVED BY	DATE
NMR-0215957		

REQUEST NUMBER DESCRIPTION
NEW DRAWING

TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.03	[±0.8]	
.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 / INCH 5.1 / mm
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY	VS
DATE	08-23-2022
APPROVED BY	VS
DATE	08-23-2022
REFERENCE	B-SS300907
THIRD ANGLE PROJECTION	

Regal Rexnord — Regal Beloit America, Inc.

DESCRIPTION
OUTLINE
320T FR. - TEFC - STEEL C' BOX - STEARNS BRAKE

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	SS300907B	1 OF 1

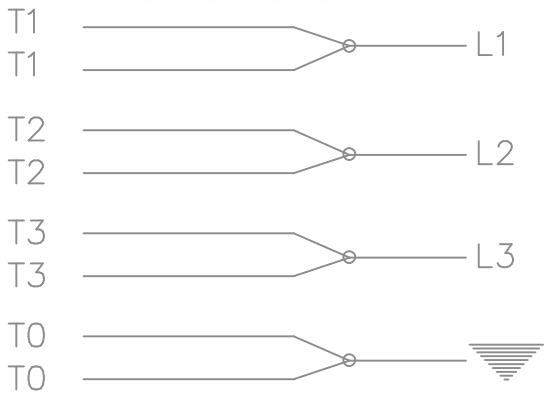
EE7300HU

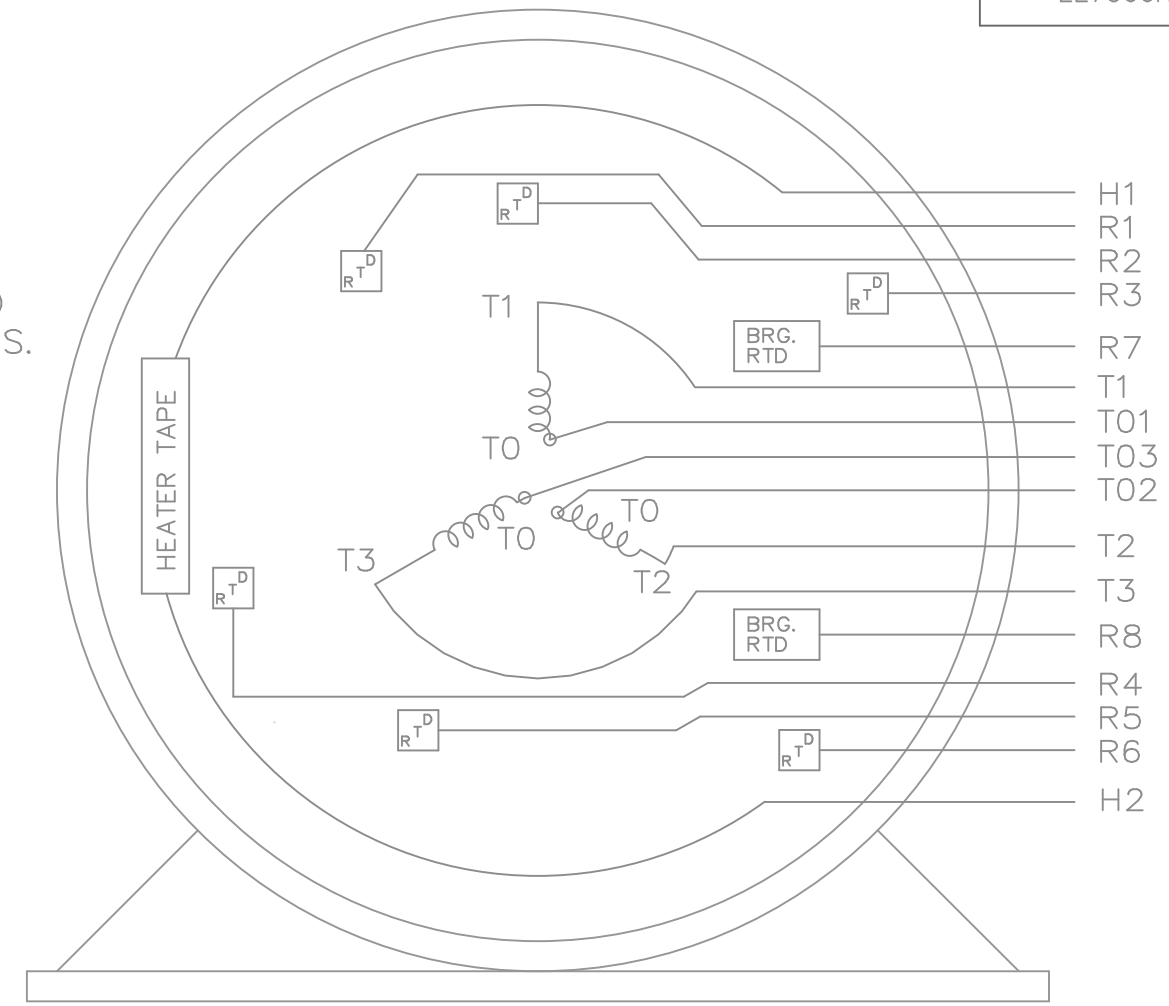
THREE PHASE – SINGLE VOLTAGE
MOTOR OR INDUCTION GENERATOR
WITH 6 STATOR RTD'S MARKED R1
THRU R6, 2 BRG. RTD'S MARKED
R7 AND R8, AND 2 HEATER LEADS
MARKED H1 AND H2

NOTE:
WHEN MORE THAN ONE HEATER IS USED
HEATERS MUST BE CONNECTED IN SERIES.

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S





VIEW OF TERMINAL END

NO.	REVISION	BY & DATE	CHK
2	REDRAWN IN AUTOCAD	TAT 08-02-2004	ML
1	NEW DRAWING MU38688	KL 10-09-2001	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

MARATHON ELECTRIC

TITLE CONNECTION DIAGRAM – EXTERNAL

MAT'L.

FINISH

CAD FILE ee7300hu

RFP

DIST

DRAWN	KL 10-09-2001
CHK	DJK 10-09-2001
APPD	EAB 10-09-2001
SCALE	1=1
REF	
FMF	
PREV	

SIZE	DRAWING NO. PAGE OF	REV.
A	EE7300HU	2

9/30/2008 5:19:09 AM

Data Sheet

Date: 5/30/2024
Customer:
Attention:
Submitted by: VESHNU G

marathon® Motors

326TTFS14084

Submittal

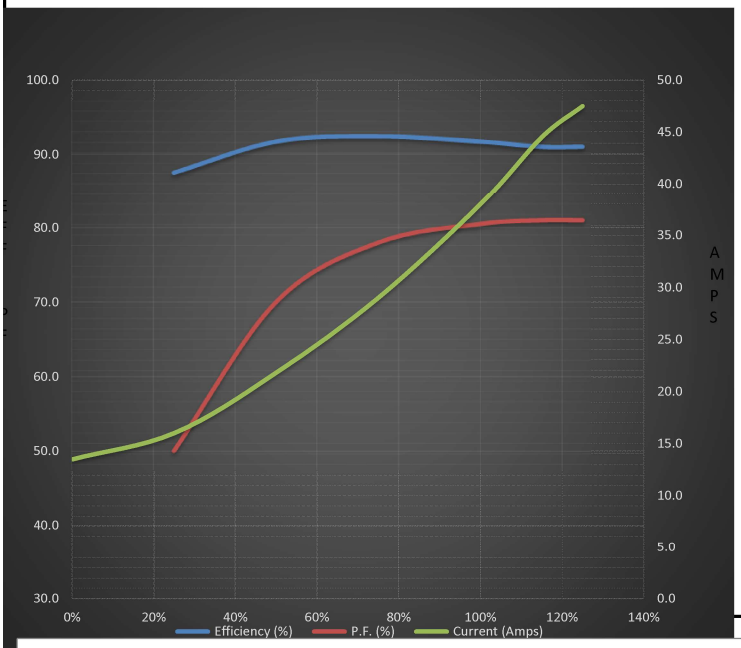
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	13.5	16.0	21.8	29.0	38.0	44.5	47.5	215	
Torque (ft-lb)	0.00	33.0	66.2	99.8	134	168	168	200	
RPM	1200	1195	1190	1185	1180	1,175	1172	0	
Efficiency (%)		87.5	91.7	92.4	91.7	91.0	91.0		
P.F. (%)	6.0	50.0	70.0	78.0	80.5	81.0	81.0	34.5	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	1125	1180	1200
Current (Amps)	215	200	120	38.0	13.5
Torque (ft-lb)	200	175	300	134	0.00



Information Block

HP	30.0	
Sync. RPM	1200	
Frame	326	
Enclosure	TEFC	
Construction	TFN	
Voltage	460	V
Frequency	60	Hz
Design	B	
LR Code letter	G	
Service Factor	1.15	
Temp Rise @ FL	60	° C
Duty	CONT	
Ambient	50	° C
Elevation	3,300	feet
Rotor/Shaft wk²	8.8	Lb-Ft²
Ref Wdg	3266105 R2	
Sound Pressure @ 1M	65	dBA
VFD Rating	CONSTANT 10:1	
Outline Dwg	B-SS300907-1300	
Conn. Diag	A-EE7300	
Additional Specifications:		
0		
0		

EQUIV CKT (OHMS / PHASE)

R1	R2	X1	X2	Xm
0.1420	0.1230	0.9930	1.3050	19.8470

Speed -Torque Curve