PRODUCT INFORMATION PACKET

Model No: 324TTDP4002
Catalog No: U240
Close-Coupled Pump Motor, 50 & 40 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 324JP Frame, DP

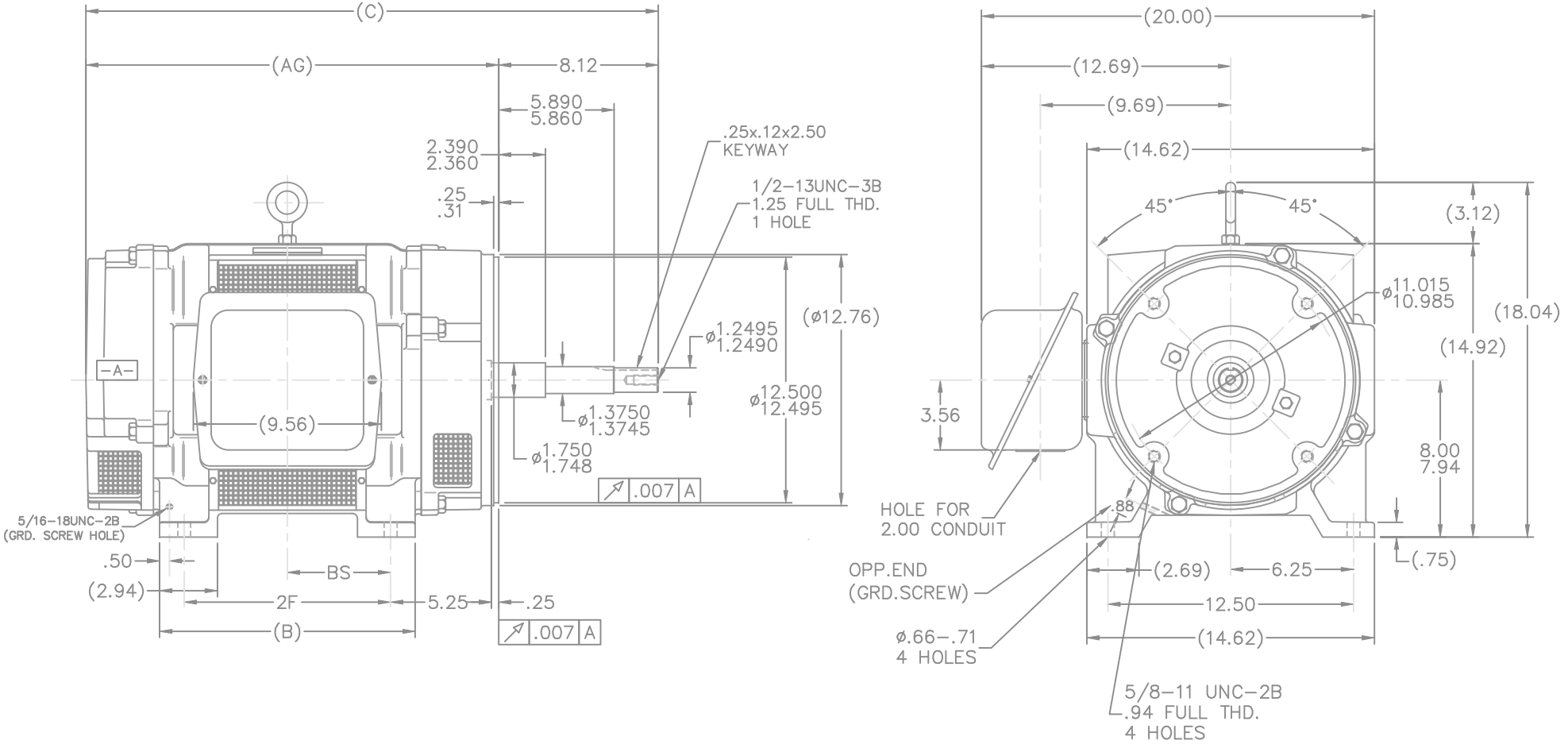
marathon® Motors

Nameplate Specifications

Phase	3	Output HP	50 & 40 Hp
Output KW	37.0 & 30.0 kW	Voltage	230/460 & 190/380 V
Speed	3555 & 2960 rpm	Service Factor	1.15 & 1.15
Frame	324JP	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	92.4 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	117/58.5 & 113/56.5 A	Power Factor	86.5
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	23
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.19 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JP	Overall Length	29.12 in
Frame Length	13.62 in	Shaft Diameter	1.250 in
Shaft Extension	8.12 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS200378-1362	Connection Drawing	A-EE7308K



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

DASH	FRAME	B	C	2F	BS	AG
1362	324JP	13.00	29.12	10.50	5.25	21.00
1512	326JP	14.50	30.62	12.00	6.00	22.50

NO.	REVISION	BY & DATE	CHK
7	REDRAWN IN AUTOCAD	TAT 07-13-2004	ML
6	ADDED .03 TO TOLERANCE BLOCK CN 29200-1069	DRS 11-10-2000	
5	REVISED TO NEC CONDUIT BOX CN 28428	NJS 02-16-2000	
4	REMOVED UNDERCUTS CN 21725-1139	DRS 12-10-1996	

TOLERANCES UNLESS SPECIFIED: DEC. / INCHES; ANG ±7'30"; .X ±.1; .XX ±.03; .XXX ±.005; .XXXX ±.0005

MARATHON ELECTRIC

DRAWN DA 05-22-1992
CHK ML 05-26-1992
APPD GK 05-26-1992
SCALE 1=5
REF
FMF
PREV

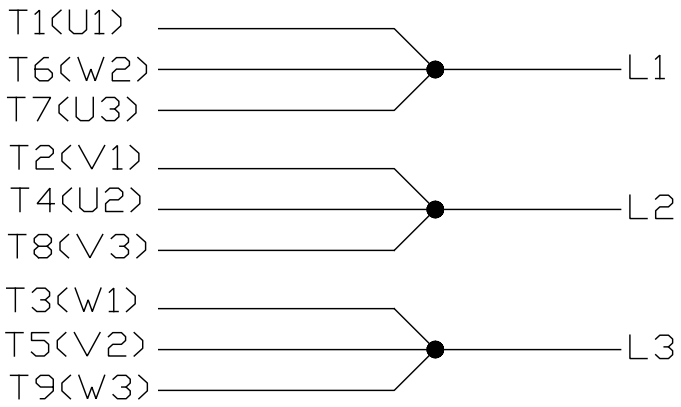
TITLE OUTLINE - DR.PR. - CAST IRON
320JP FR.-BB-TS D.E.V.-STL C' BOX-TDP

MAT'L.
FINISH

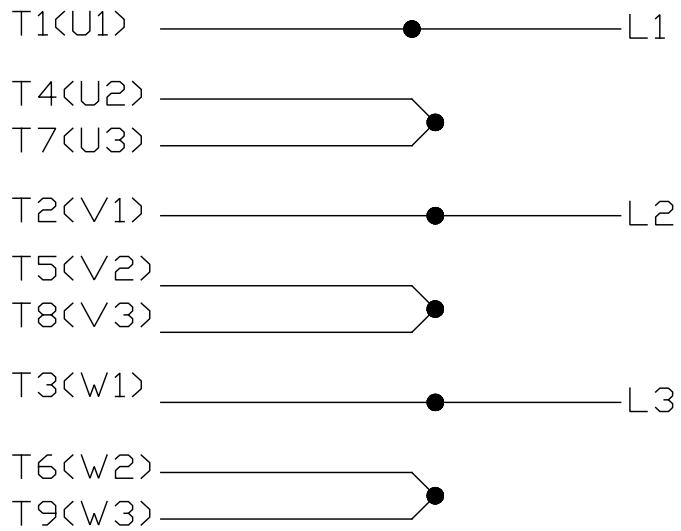
RFP
DIST LB
CAD FILE ss200378
SIZE B
DRAWING NO. SS200378
PAGE OF
REV. 7

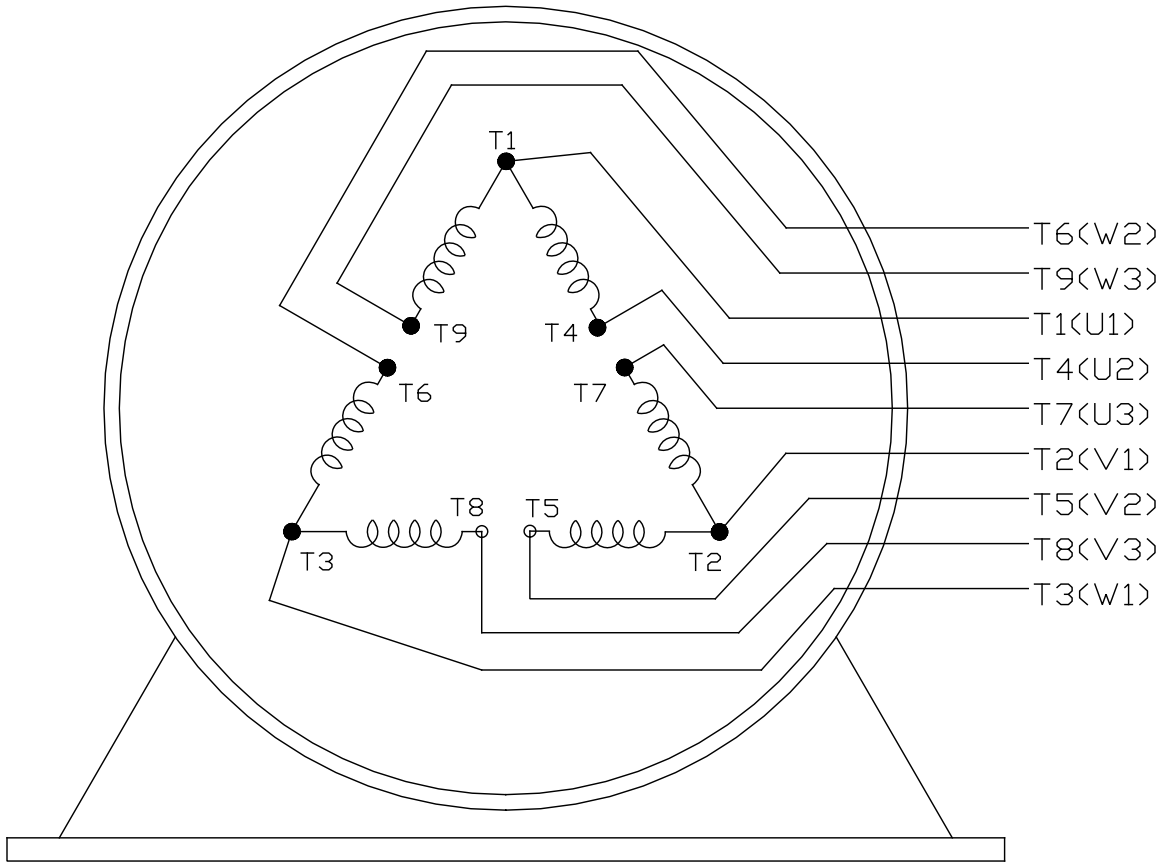
EE7308K

LOW VOLTAGE



HIGH VOLTAGE





VIEW OF TERMINAL END

NO.	REVISION	BY & DATE	CHK
E	CORRECTED IEC MARKINGS ECO-0111208	WGJ 01-23-2017	EMH
D	RE-DRAWN WITH REGAL LOGO ECO-0110493	WGJ 09-30-2016	EMH
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS
7	REVISD HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998	
6	REDRAWN ON CADD	PGK 06-05-1997	

TOLERANCES UNLESS SPECIFIED

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

REGAL - BELOIT CORPORATION

TITLE: CONNECTION DIAGRAM
DELTA CON. - 3Ø - 9 LEADS

MAT'L.

FINISH

CAD FILE EE7308K

RFP

DIST

DRAWN PGK 06-04-1997
CHK ML 06-05-1997
APPD GK 06-15-1997
SCALE
REF
FMF
PREV

SIZE A | DRAWING NO. EE7308K | PAGE OF | REV. E