PRODUCT INFORMATION PACKET

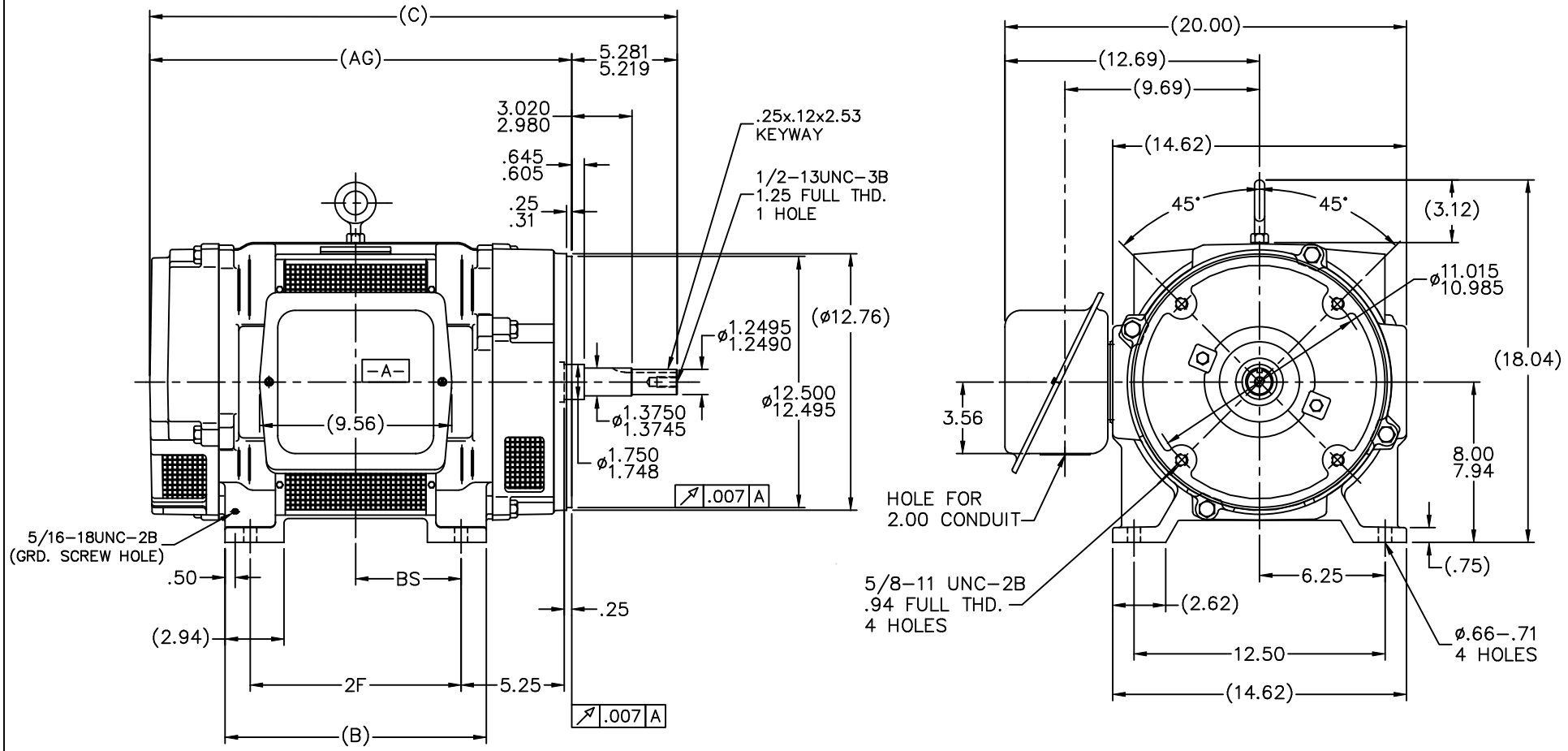
Model No: 324TTDP7320
Catalog No: M358
50 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 230/460 V, 324JM Frame, ODP
Close-Coupled Pump Motors

Nameplate Specifications

Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	124.0/62.0 A	Speed	3550 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	84
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	F
Frame	324JM	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	No	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	.24 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Overall Length	26.25 in
Frame Length	13.62 in	Shaft Diameter	1.250 in
Shaft Extension	5.28 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308K	Outline Drawing	B-SS200084-1362



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	324JM	13.00	26.25	10.50	5.25	21.00
1512	326JM	14.50	27.75	12.00	6.00	22.50

NO.	REVISION		BY & DATE	CHK
9	1/2–13UNC–3B WAS 1/2–13UNC–2B	ECN14283	TJW 8/11/2009	DD
8	REDRAWN IN AUTOCAD		TAT 07-13-2004	ML
7	REVISED TO NEC CONDUIT BOX	CN 28428	NJS 03-02-2000	
6	RE–ISSUED FRAME WAS 320T		MH 03-13-1998	
5	REMOVED UNDERCUTS	CN 21725–1139	BLR 12-03-1996	

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

MARATHON ELECTRIC

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

MAT'L.

FINISH

CAD FILE ss200084

RFP

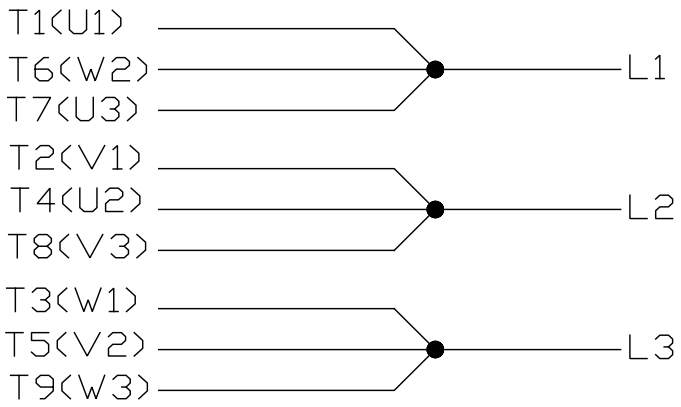
DIST LB

DRAWN SMC 07–29–1991
CHK ML 07–29–1991
APPD GK 07–29–1991
SCALE 1=5
REF
FMF
PREV

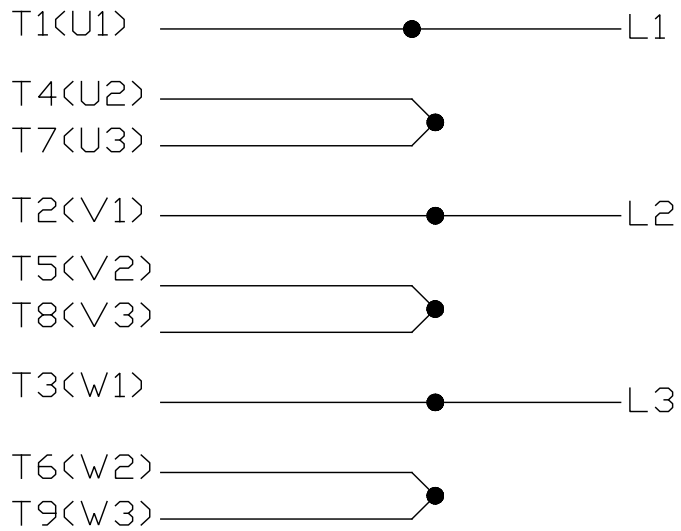
SIZE B | DRAWING NO. SS200084 | PAGE OF | REV. 9

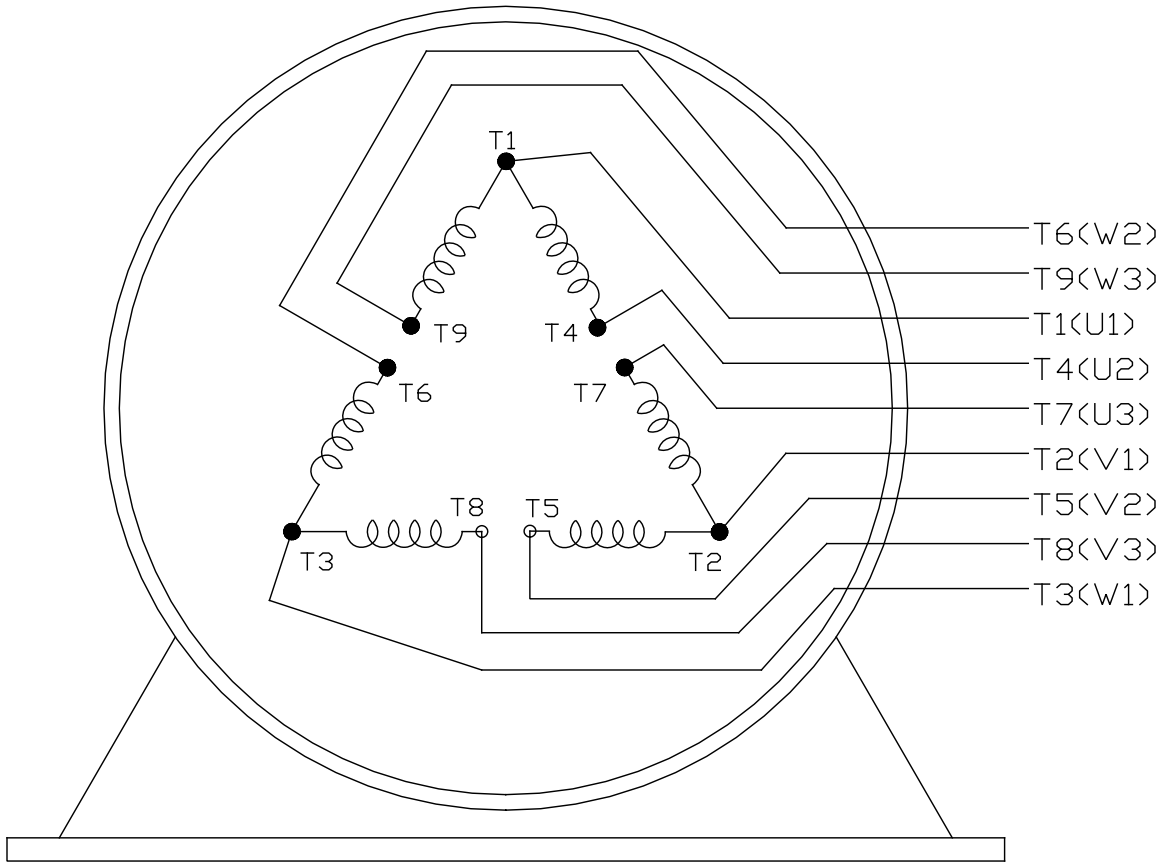
EE7308K

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