PRODUCT INFORMATION PACKET

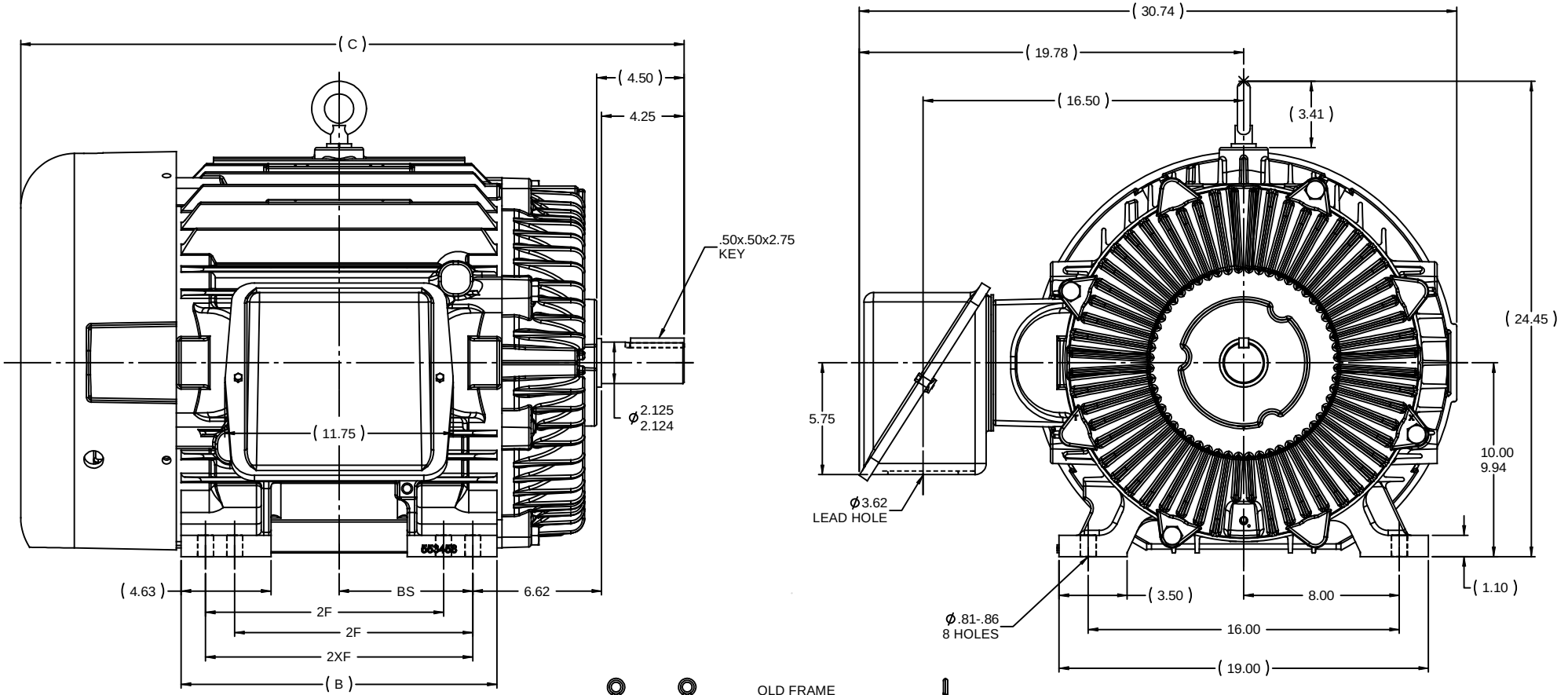
Model No: 405TSTFS4026
Catalog No: E808
Other Purpose Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 405TS Frame, TEFC

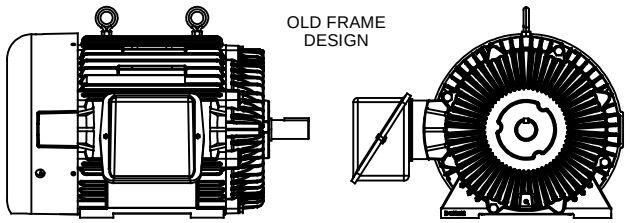
Nameplate Specifications

Phase	3	Output HP	100 & 75 Hp
Output KW	75.0 & 56.0 kW	Voltage	230/460 & 190/380 V
Speed	1780 & 1482 rpm	Service Factor	1.15 & 1.0
Frame	405TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	226/113 & 208/104 A	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.051 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	34.13 in
Frame Length	16.75 in	Shaft Diameter	2.125 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308K	Outline Drawing	B-SS504698-1675





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. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	BS	2F	2XF	
1525	404TS	14.75	32.63	6.12	12.25	---	
1675	404/405TS	16.25	34.13	6.88	12.25	13.75	

NO	REVISION	BY & DATE	CHK
10	REVISED TO NEW FRAME DESIGN ISAAC09-5199	TJW 12/30/2009	CTO
9	REVISED BACK TO OLD FRAME CN09-1770	TJW 7/22/2009	CTO
8	REVISED TO NEW FRAME DESIGN MU90885	MSG 04-28-2009	JES
7	UPDATED FRAME & ADDED 404 INFO CN 27430	KL 10-25-2005	
6	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML
5	REDRAWN ON CADD	TLB 05-18-1988	ML

TOLERANCES UNLESS SPECIFIED

DEC	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

THIRD ANGLE PROJECTION

MARATHON ELECTRIC

DRAWN	TLB 05-19-1988
CHK	FG 05-20-1988
APPR	ML 05-22-1998
SCALE	1:5
REF	
FMF	
PAGE	OF

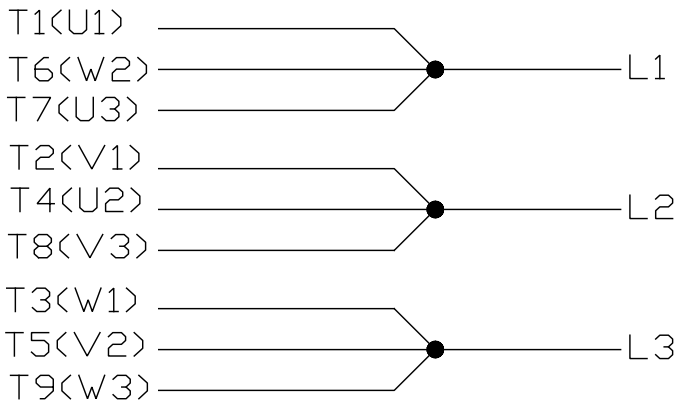
TITLE OUTLINE
400TS/US FR. - TEFC - STD.

MAT'L
FINISH
RFP
PREV
NETWORK FILE NAME SS504698

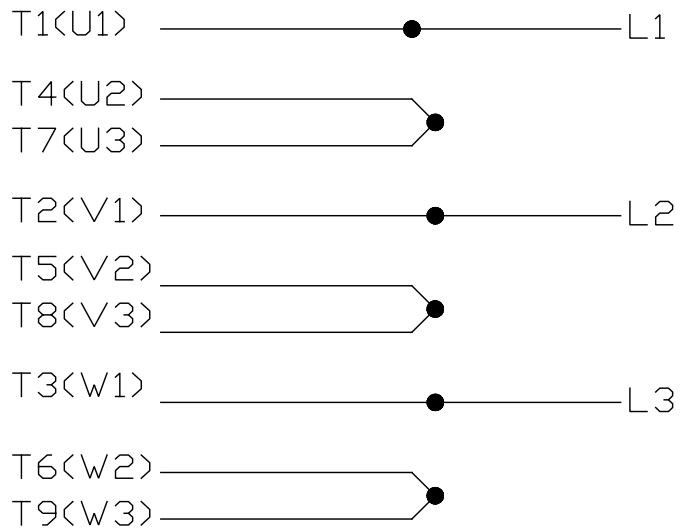
SIZE	DRAWING NO	REV
B	SS504698	10

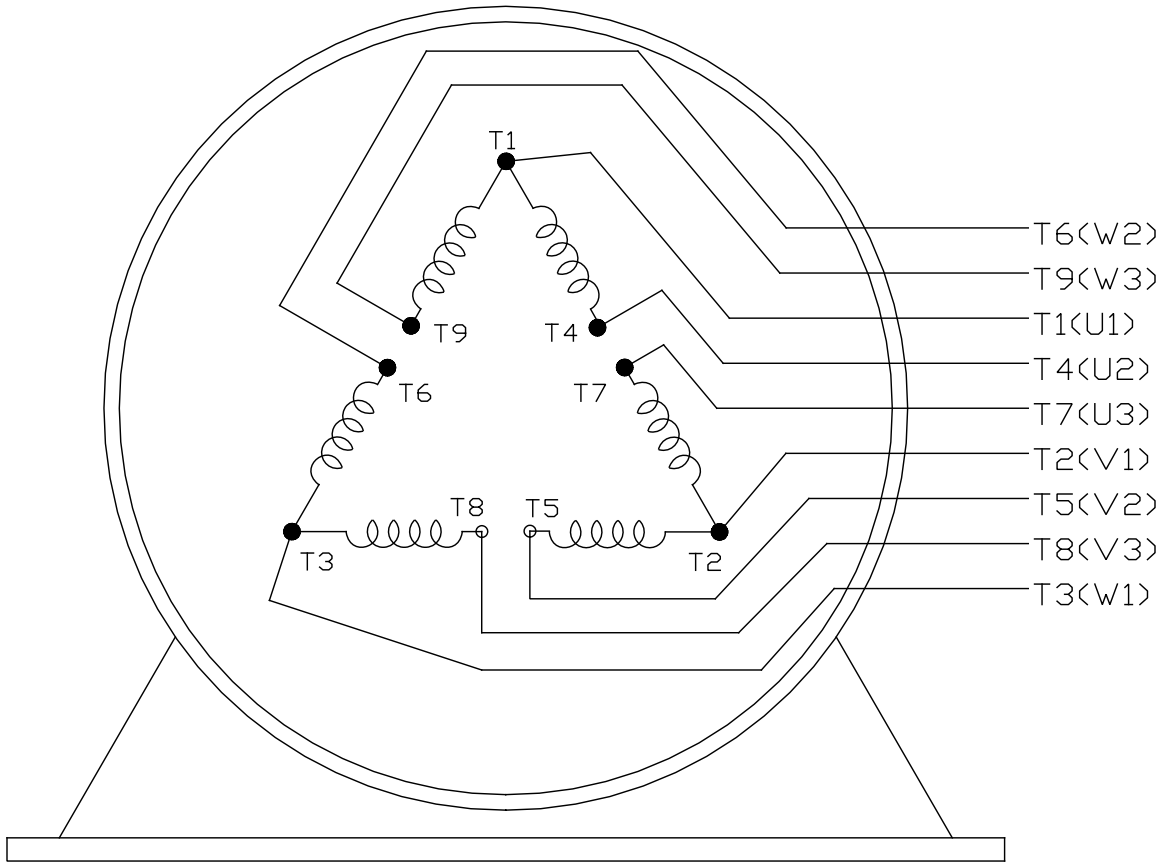
EE7308K

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