

PRODUCT INFORMATION PACKET



Model No: 254TTDX4001

Catalog No: E708

Other Purpose Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM,
254T Frame, DP

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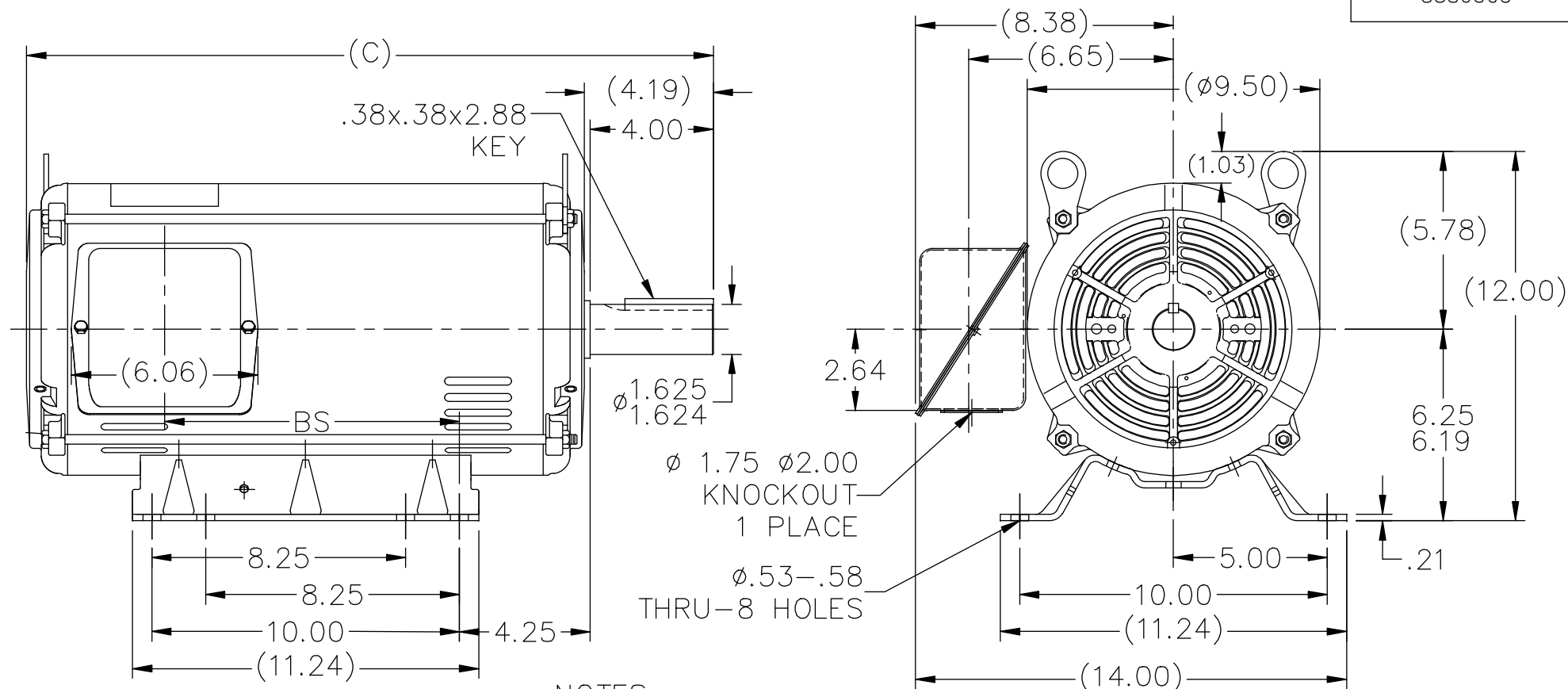
Nameplate Specifications

Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	208-230/460 & 190/380 V
Speed	3520 & 2925 rpm	Service Factor	1.15 & 1.15
Frame	254T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	51-46/23.1 & 42/21 A	Power Factor	88.6
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	F
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

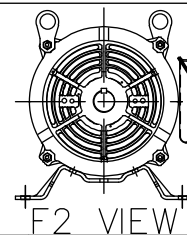
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.485 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	22.32 in
Frame Length	15.45 in	Shaft Diameter	1.625 in
Shaft Extension	4.19 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS86503-1545	Connection Drawing	A-EE7308K

SS86503



NOTES:

1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)
4. F2 MOUNT -USES 2ND HOLE ON 1370 FRAME.



DASH	FR.	C	BS	MOUNTING
1370	254T	20.57	7.68	F1 OR F2
1545	254T/256T	22.32	9.43	F1 OR F2

NO.	REVISION	BY & DATE	CHK	ANG	±7'30"
8	ADDED F2 VIEW	UD 11/13/13	GR	TOLERANCES UNLESS SPECIFIED	
7	UPDATED DRAWING	TJW 04/27/2007	DEC.	INCHES	
6	REDRAWN IN AUTOCAD	TAT 05-19-2005	ML	.X	±.1
5	UPDATED CONDUIT BOX CN 28427	TJB 01-31-2000		.XX	±.03
4	ADDED NOTE #4 FOR F2 MOUNT CN 24000-581	MH 06-10-1997		.XXX	±.005
3	DASH 1545 WAS FOR 256T FR. ONLY CN 18683	KL 09-12-1994		.XXXX	±.0005

	TITLE OUTLINE
	250 FR. - BB - DR.PR.
	MAT'L.
	FINISH

DRAWN SMC 04-22-1993
CHK MOL 04-23-1993
APPD DRN 09-13-1993
SCALE 1=5
REF
FMF
PREV

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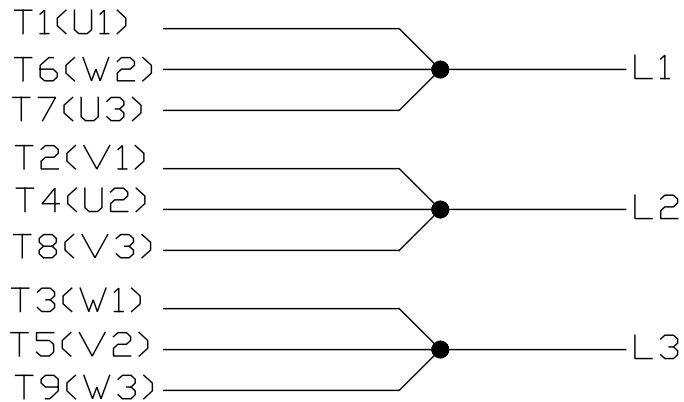
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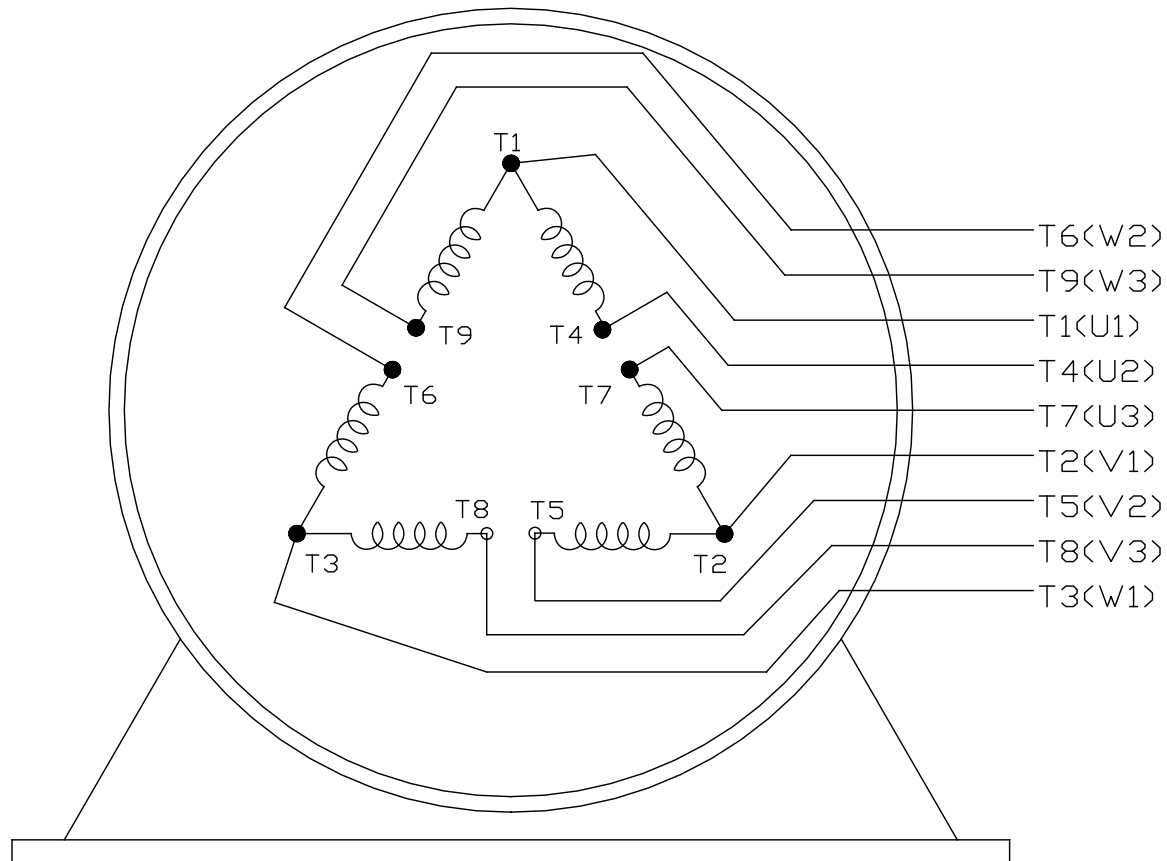
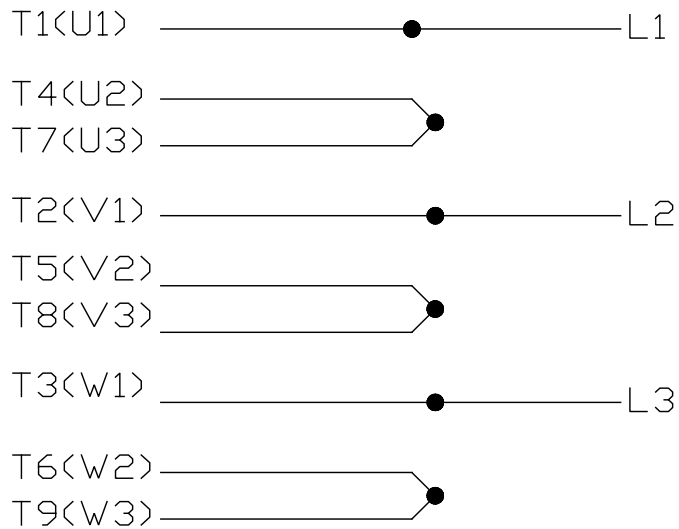
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LOW VOLTAGE


EE7308K



HIGH VOLTAGE



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION		DRAWN PGK 06-04-1997				
E	CORRECTED IEC MARKINGS ECD-0111208	WGJ 01-23-2017	EMH	DEC.	INCHES			CHK	ML 06-05-1997			
D	RE-DRAWN WITH REGAL LOGO ECD-0110493	WGJ 09-30-2016	EMH	.X	±.1			APPD	GK 06-15-1997			
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS	.XX	±.02	TITLE CONNECTION DIAGRAM DELTA CON. - 3Ø - 9 LEADS		SCALE				
7	REVISD HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		.XXX	±.005			REF				
6	REDRAWN ON CADD	PGK 06-05-1997		.XXXX	±.0005	MAT'L.		FMF				
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"	FINISH		PREV				
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