

PRODUCT INFORMATION PACKET



Model No: 254TTFNA16063
Catalog No: 254TTFNA16063
15,1800,TEBC,254TC,3/60/230/460

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Nameplate Specifications

Phase	3	Output HP	15 Hp
Output KW	11.2 kW	Voltage	230/460 V
Speed	1775 rpm	Service Factor	1.15
Frame	254TC	Enclosure	Totally Enclosed Blower cooled - Axial
Thermal Protection	No Protection	Efficiency	92.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	37.5/18.8 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	309	Opp Drive End Bearing Size	210
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	4	Rotation	Reversible
Resistance Main	.656 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-SS208130LN-1050	Connection Drawing	A-EE7308K

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SS208130LN

Technical drawing of a motor assembly showing side and front views with dimensions and callouts.

Side View Dimensions:

- Overall length: (C)
- Conduit box length: (AG)
- Conduit box hole: 3/4-14 NPT 1 HOLE
- Motor frame length: (6.06)
- Motor frame width: (B)
- Motor frame height: (2F)
- Motor frame base width: (BS)
- Motor frame base height: 4.75
- Motor frame base hole: 3/8-16 UNC-2B THRU-1 HOLE
- Motor frame base hole diameter: $\phi 1.625$
- Motor frame base hole tolerance: .004 A
- Motor frame base hole position: .25
- Motor frame base hole diameter: $\phi 8.500$
- Motor frame base hole diameter: $\phi 8.497$
- Motor frame base hole diameter: $\phi 8.70$
- Motor frame base hole diameter: .38x.38x2.88 KEY
- Motor frame base hole diameter: .25
- Motor frame base hole diameter: .31


Front View Dimensions:

- Overall width: (18.28)
- Overall height: (14.07)
- Motor frame width: (14.30)
- Motor frame height: (11.13)
- Motor frame base width: (9.32)
- Motor frame base height: 2.64
- Motor frame base hole: 1/2-13UNC-2B .75 FULL THD. 4 HOLES
- Motor frame base hole diameter: $\phi 1.75$ & $\phi 2.00$ KNOCKOUT 1 PLACE
- Motor frame base hole diameter: $\phi 7.265$
- Motor frame base hole diameter: $\phi 7.235$
- Motor frame base hole diameter: (14.07)
- Motor frame base hole diameter: 6.25
- Motor frame base hole diameter: 6.19
- Motor frame base hole diameter: (.55)
- Motor frame base hole diameter: (2.08)
- Motor frame base hole diameter: 5.00
- Motor frame base hole diameter: 10.00
- Motor frame base hole diameter: (12.16)
- Motor frame base hole diameter: $\phi .53-.58$ 4 HOLES

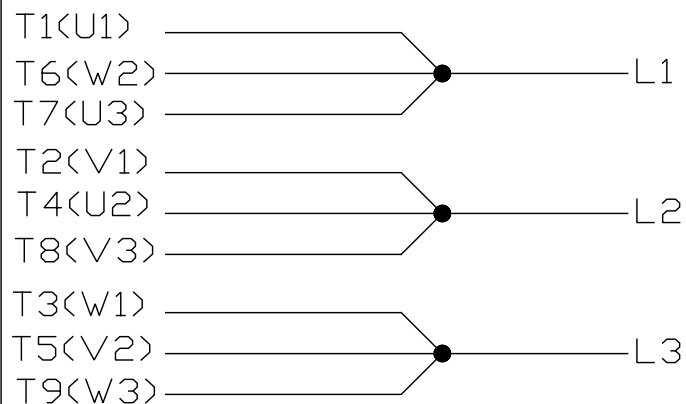
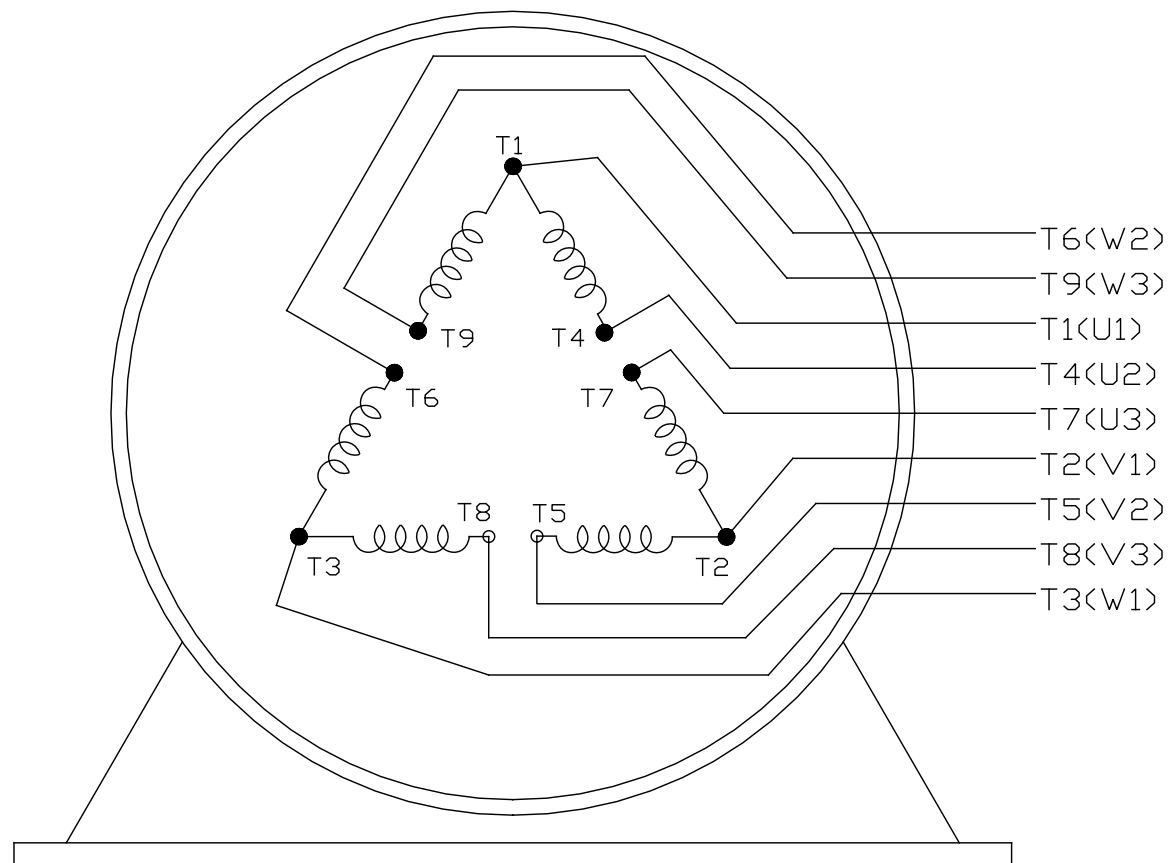
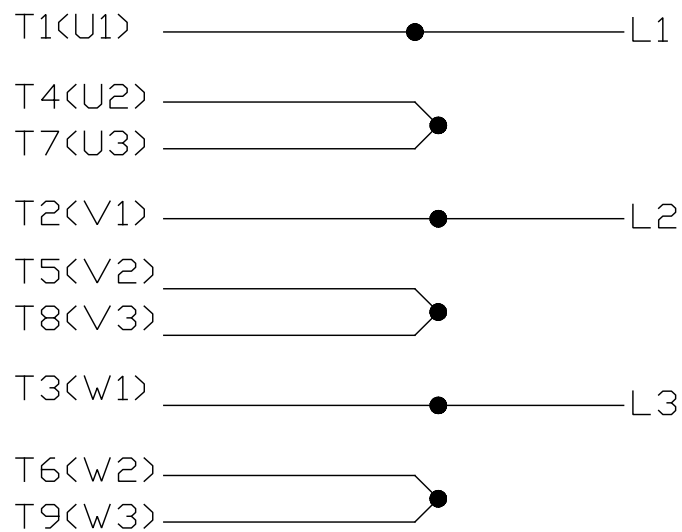
NOTES:

1. CONDUIT BOX CAN BE ROTATED ON ITS AXIS.
2. CONDUIT 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	AG	2F	BS
1050	254TC	10.25	35.43	31.68	8.25	4.12
1225	256TC	12.00	37.18	33.43	10.00	5.00

TOLERANCES UNLESS SPECIFIED		DEC.		INCHES			DRAWN R/JW 08-20-2008 CHK ML 08-20-2008 APPD DR 08-21-2008
.X	±.1	.XX	±.03	.XXX	±.005		
.XXX	±.005	.XXX	±.0005	.XXX	±.0005		
.XXX	±.0005	.XXX	±.0005	.XXX	±.0005		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV
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			DIST	LB			PAGE 7=32
							REV.

EE7308K

LOW VOLTAGEHIGH 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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