

PRODUCT INFORMATION PACKET



Model No: EXG825116.00

Catalog No: EXG825116.00

EXG825116.00..3.0/2.0HP..1760/1470RPM.182TC.EPFC.230/460//190/380V.3PH.60/50HZ.CONT.40C.1.0SF.ROUND

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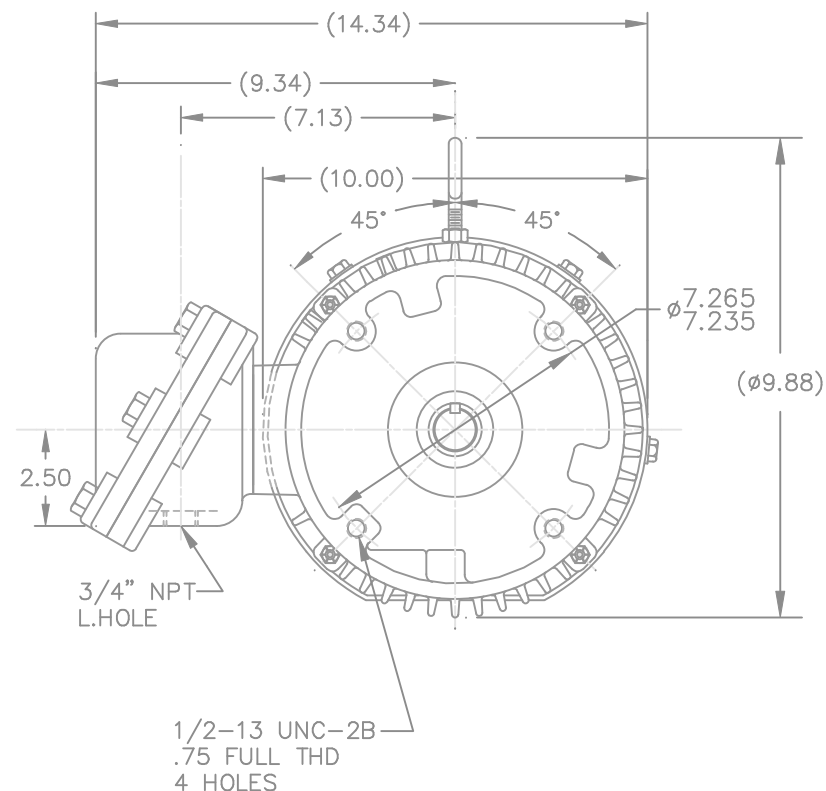
Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	1760 & 1470 rpm	Service Factor	1.0 & 1.0
Frame	182TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	87.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.4/4.2 & 7.4/3.7 A	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	207	Opp Drive End Bearing Size	205
UL	No	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	4.65 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS63882LE-800	Connection Drawing	A-EE7308T-LE

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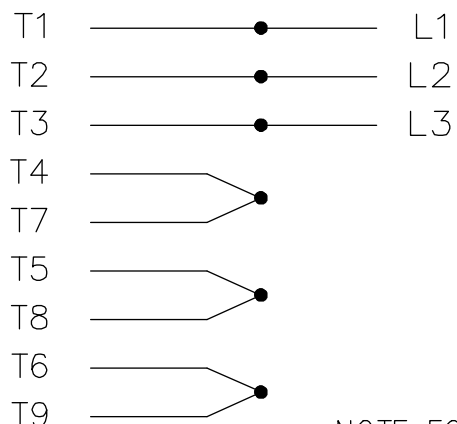


DASH	FRAME	C	AG	BV		
575	182TC	15.62	13.00	5.88		
675	184TC	16.62	14.00	6.38		
800	182/4TC	17.87	15.25	7.00		

BOX CAN BE ROTATED IN 90° STEPS.

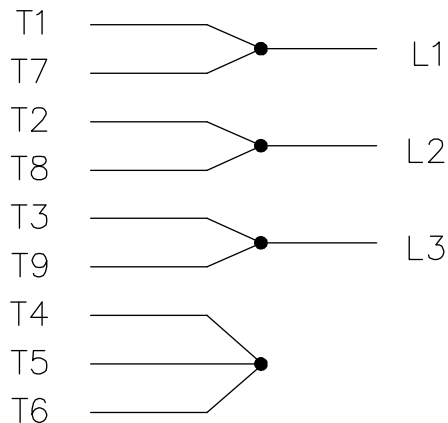
				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN TJB 09-17-2002				
				DEC.	INCHES					CHK ML 09-17-2002			
				.X	±.1					APPD TB 09-18-2002			
				.XX	±.03	TITLE OUTLINE 180TC FR. – BB – EPFC – C'FACE			SCALE 1=5				
2	CORRECTED STD. 2 PLACE TOL. WAS .02	RJW 10-09-2008	ML	.XXX	±.005				REF				
1	NEW DRAWING CN 34809	TJB 09-18-2002	TB	.XXXX	±.0005	MAT'L.			FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			PREV				
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HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

LOW VOLTAGE

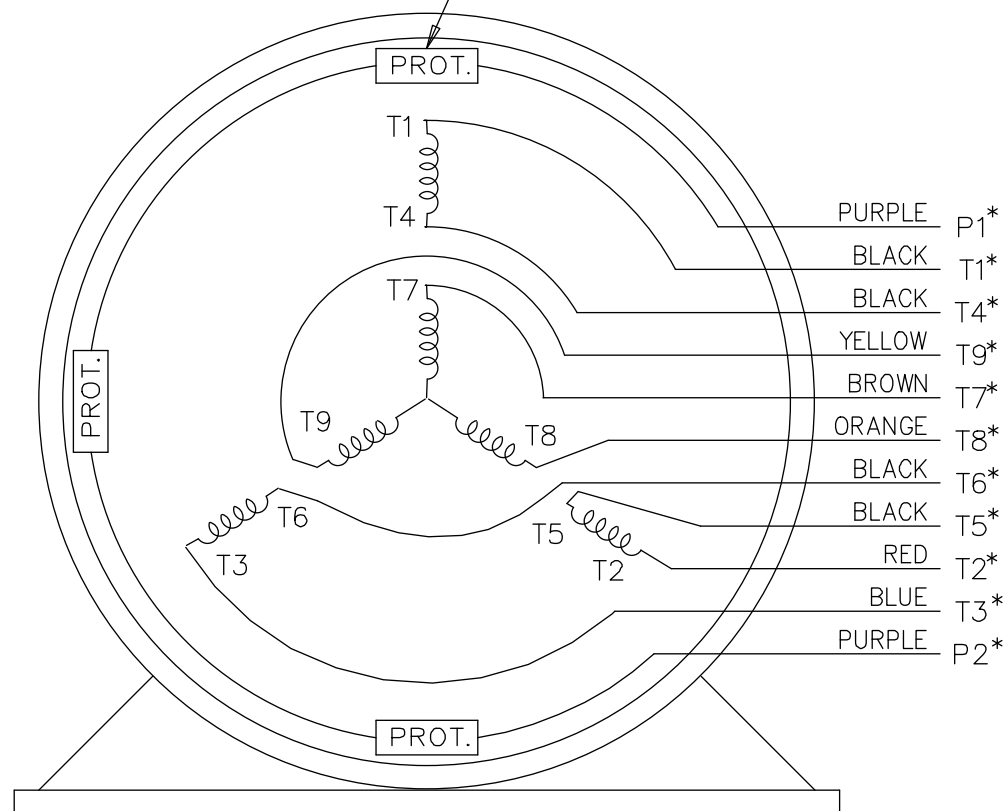


* USE LEADS AS PER PLANT STANDARD IRRWSPECTIVE OF THEIR COLOUR.


THREE PHASE DUAL VOLTAGE MOTOR

EE7308T-LE

THREMO-PROTECTORS
CONNECTED IN SERIES.



VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED			 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN TJB 05-07-2002		
05	ADDED * NOTE PER ECN # 26921	UD 01-30-2013	JD	DEC.	INCHES		CHK	ML	05-08-2002
04	ADDED COLORS TO "T & P" LEADS CN 40494	MSG 08-08-2006	ML	.X	±.1	TITLE CONNECTION DIAGRAM 3 PHASE - DUAL VOLTAGE MOTOR	APPD	TB	05-08-2002
03	RE-ISSUE	NJS 04-21-2004	JET	.XX	±.02		SCALE	1=1	
02	REDRAWN	TAT 04-20-2004	ML	.XXX	±.005		REF		
01	NEW DRAWING CN 34708	TJB 05-08-2002	ML	.XXXX	±.0005		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV		
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