

PRODUCT INFORMATION PACKET



Model No: 825560.00

Catalog No: 825560.00

825560.00..20HP..1775/1475RPM.256TC.EPFC.230/460//190/380VAC.3PH.60/50HZ.CONT.40.1.0SF.C-FACE.....

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Nameplate Specifications

Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 190/380 V
Speed	1775 & 1470 rpm	Service Factor	1.0 & 1.0
Frame	256TC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	93 & 92.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	48/24.1 & 44/22 A	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

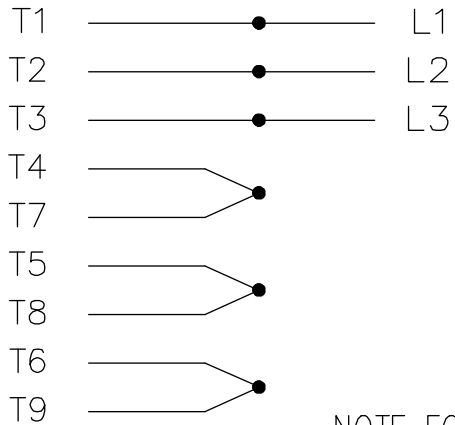
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.474 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
Inverter Load	CONSTANT 10:1/VARIABLE 10:1		
Outline Drawing	SS207446LE-1225	Connection Drawing	A-EE7308T-LE

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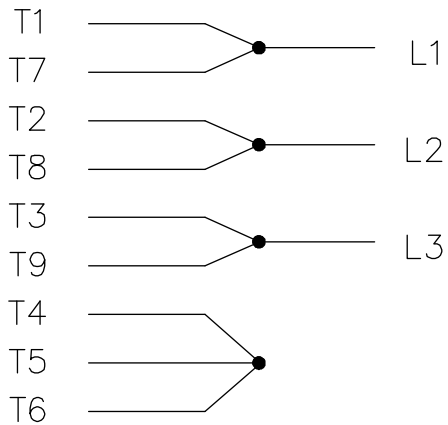
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE

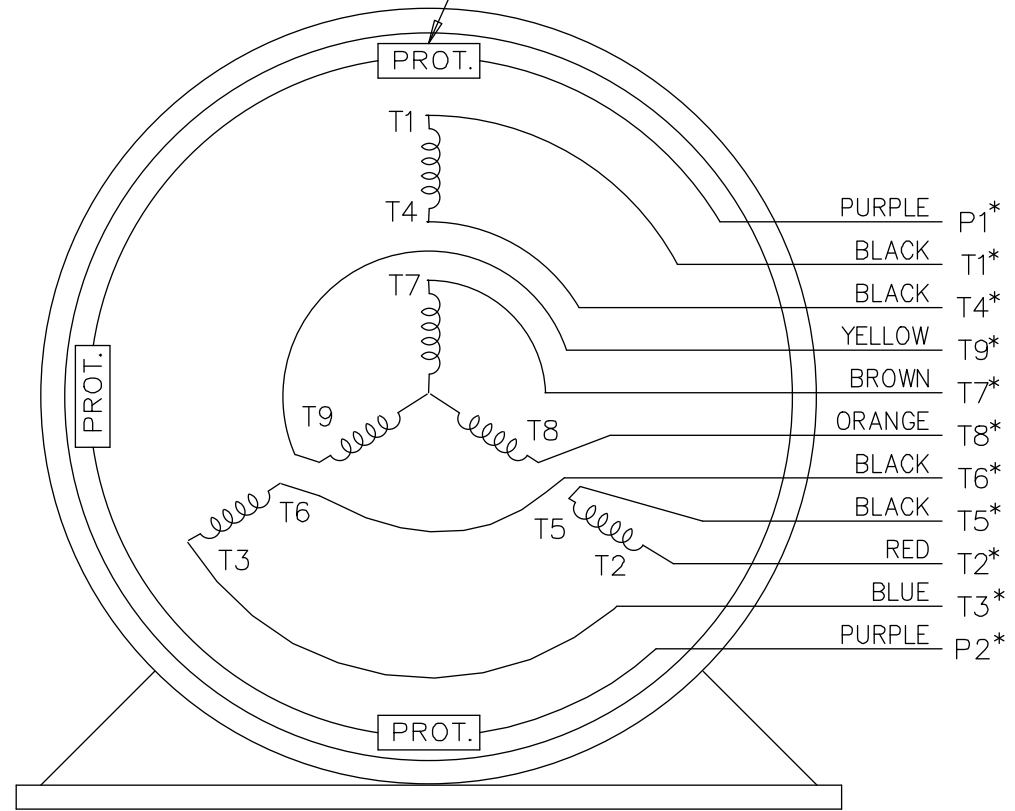


NOTE FOR FACTORY USE ONLY:
 TO SURGE TEST FOR COMMON CONNECT:
 HIGH VOLT: CONNECT P1 TO T1
 THEN P2 TO L1
 LOW VOLT: CONNECT P1 TO T1 & T7,
 THEN P2 TO L1

LOW VOLTAGE



THREMO-PROTECTORS
CONNECTED IN SERIES.



VIEW OF TERMINAL END

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

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN TJB 05-07-2002	
					DEC.	INCHES			
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			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	
					±7'30"			PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE EE7308T_LE			SIZE A	DRAWING NO. EE7308T-LE	PAGE OF 05
			DIST	LB-WP-LE					REV. 05



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

TITLE CONNECTION DIAGRAM
3 PHASE - DUAL VOLTAGE MOTOR