

PRODUCT INFORMATION PACKET

Model No: LM03987

Catalog No: LM03987

OBSOLETE REPLACED BY LM33595 - 2,1800,TENV,182TC,3/60/230/460

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Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	6.0/3.0 A	Speed	1755 rpm
Service Factor	1	Phase	3
Efficiency	82.5 %	Power Factor	77
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	P
Frame	182TC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	207	Opp Drive End Bearing Size	205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

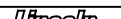
Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	6.05 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 100:1		
Connection Drawing	A-EE7308T-LN	Outline Drawing	B-SS601038LN-620

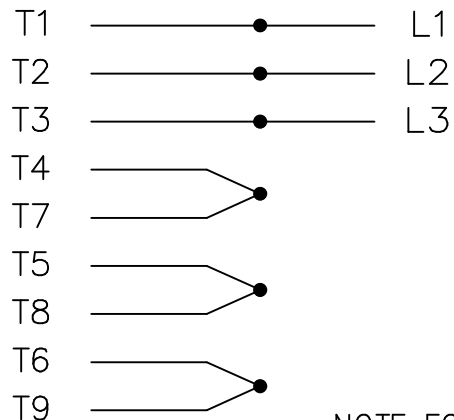
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1- CONDUIT BOX CAN BE ROTATED IN 90° STEPS
2- NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

DASH	FR.	C	BS	B	2F	2FF	AG	FOOT HOLE
620	182TC	18.34	2.25	6.20	4.50		15.72	4
720	182/4TC	19.34	2.75	7.20	4.50	5.50	16.72	8
720	184TC	19.34	2.75	7.20		5.50	16.72	4
820	182/4TC	20.34	3.25	8.20	5.50	6.50	17.72	8
875	182/4TC	20.89	3.52	8.75	5.50	7.00	18.27	8

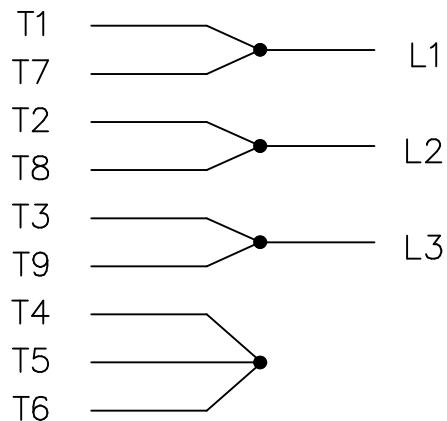
7	REVISED TACHOMETER ORIENTATION MANUFACTURING	DRS 08-04-2008	ML	TOLERANCES UNLESS SPECIFIED		DRAWN	BLR 06-21-2000	
6	REVISED DASH 620 AG CN 46039	RJW 03-31-2008	ML	DEC INCHES		CHK	ML 06-26-2000	
5	ADDED 2FF TO TABULATED CHART	TAT 01-30-2004	ML	.X ±.1		APPR	TB 06-26-2000	
4	DASH 720 (184T) WAS 4 HOLES CN 31573	HLB 02-20-2001	XX	±.03		SCALE	3:8	
3	ADDED CONDULET TO ODE CN 30705	DRS 01-26-2001	XXX	±.005		TITLE	OUTLINE - TENV - C'FACE 180 FR. - DYNAPAR 625 ENC. W/ ADAPTER	
2	REVISED 'C' & 'AG' IN DASH TABLE CN 29200-602	RJW 06-30-2000	XXXX	±.0005	MAT'L		REF	
NO	REVISION	BY & DATE	CHK	ANG ±7'30"	FINISH		FMF	
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					DIST LB	SIZE B	DRAWING NO SS601038LN	REV 7

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

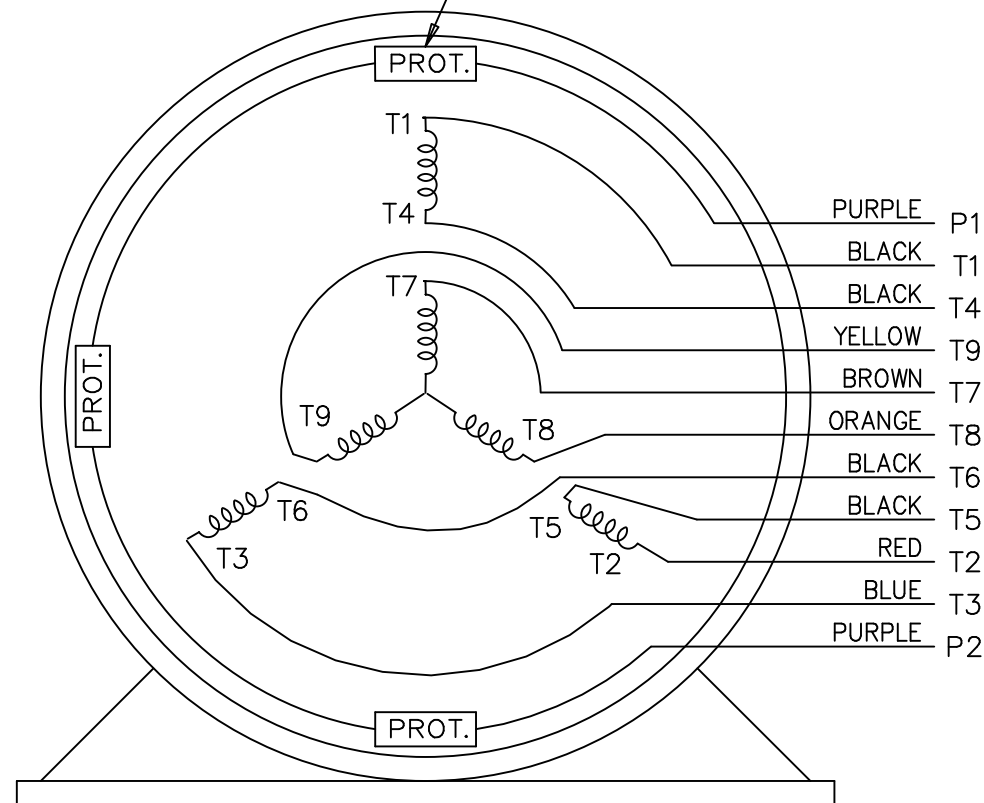
LOW VOLTAGE




THREE PHASE DUAL VOLTAGE MOTOR

EE7308T-LN

THREMO-PROTECTORS
CONNECTED IN SERIES.



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED			DRAWN BJK 07-16-2002					
				DEC.	INCHES		CHK	DRS 07-18-2002				
				.X	±.1		APPD	GK	07-18-2002			
				.XX	±.02		SCALE 1=1					
2	ADDED COLORS TO "T & P" LEADS	CN 40494	MSG 08-08-2006	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM 3 PHASE – DUAL VOLTAGE MOTOR				REF	
1	NEW DRAWING		BJK 07-18-2002	DRS	.XXXX	±.0005	MAT'L.				FMF	
NO.	REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH				PREV	
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				DIST LB				A	EE7308T-LN			