

PRODUCT INFORMATION PACKET



Model No: LM62005

Catalog No: LM62005

OBSOLETE, REPLACED BY LM62024,

7.5HP..1800RPM.213TC.TEFC.230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID-C..

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Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
Speed	1760 & 1470 rpm	Service Factor	1.15 & 1.0
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	20.4-19.2/9.6 & 16.0/8.0 A	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6308	Opp Drive End Bearing Size	6306
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

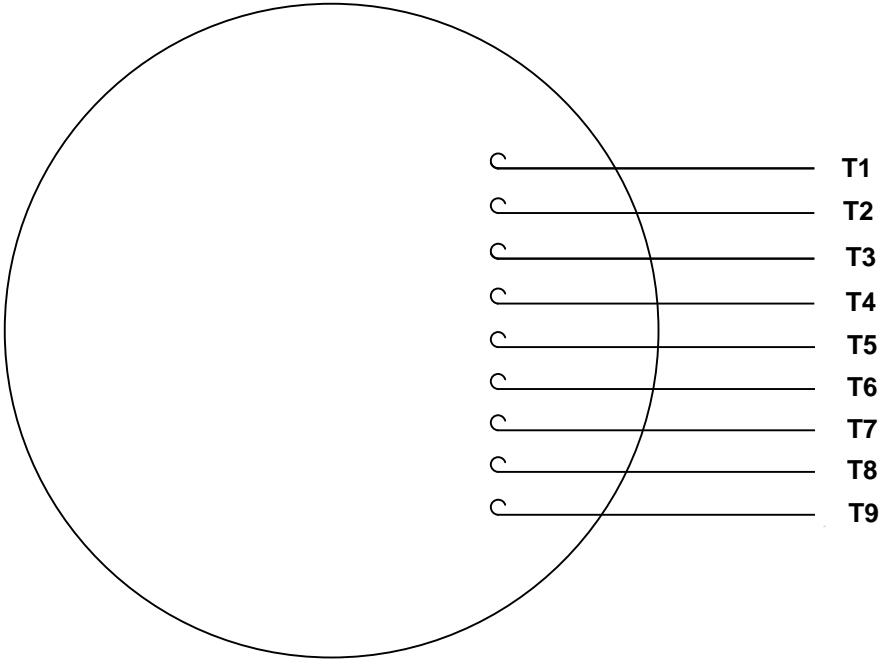
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.399 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	16956160LN	Connection Drawing	00501001LN

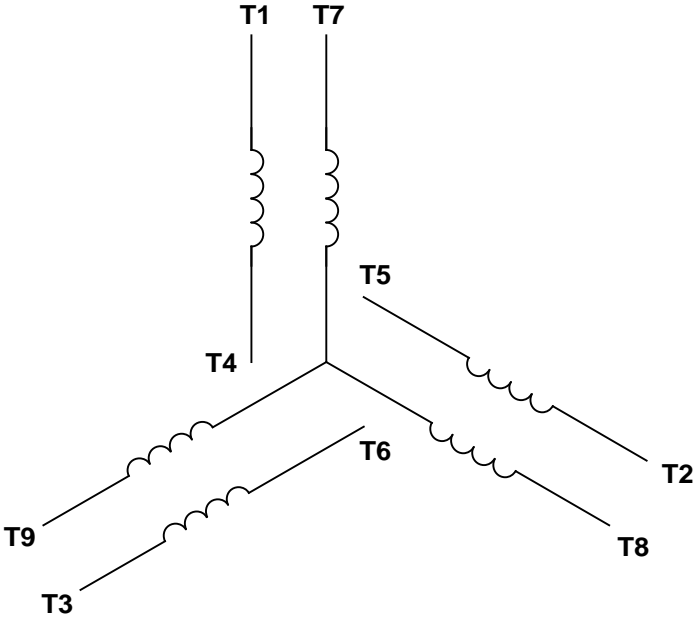
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.




LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

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				DEC	INCHES		CHK	
				.X	±.1		APPR	
				.XX	±.01		SCALE 1:1	
				.XXX	±.005		REF FIG. 2-51	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXXX	±.0005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	MAT'L DECAL - 004014	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE OF	
THIRD ANGLE PROJECTION			RFP	04/12/02	PREV	SIZE	DRAWING NO	
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