

PRODUCT INFORMATION PACKET



Model No: LM62085

Catalog No: LM62085

OBSOLETE - ..7.5HP..3600RPM.213TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.....NOT.....

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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	3539 & 2950 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	20-18.3/9.2 & 14.4/7.2 A	Power Factor	85.5
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	2	Rotation	Reversible
Resistance Main	1.015 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	SS622294RB	Connection Drawing	005010.01

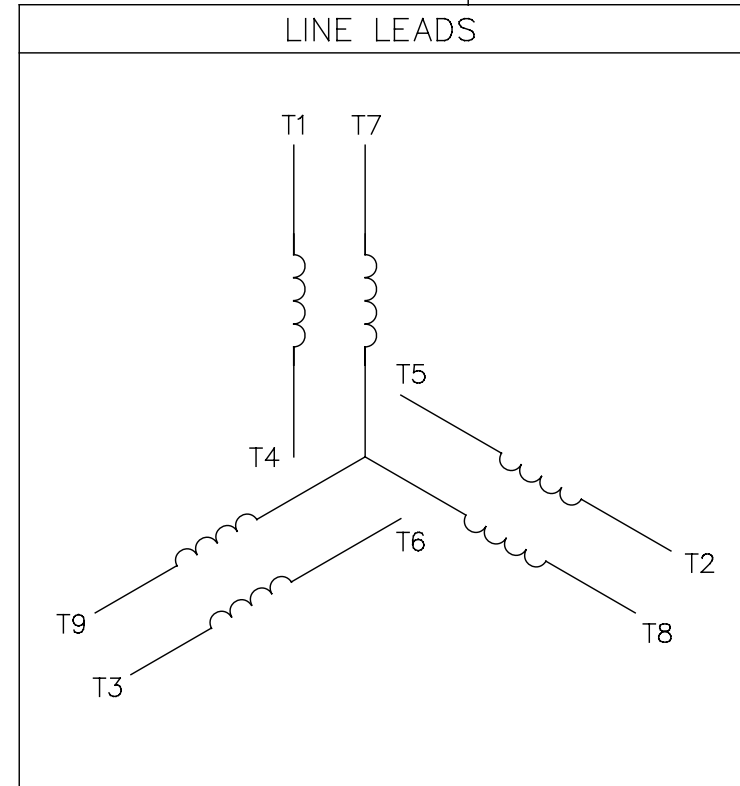
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FRAME	B	C	2F	2F1	K
N213TC-2W2	7.32	18.94	5.50		4
N215TC-4W2	8.82	20.35	7.00	5.50	6
N213TC-4W2	7.32	18.94	5.50		4
N215TC-4W2	8.82	20.35	7.00	5.50	6
N215TC-6W2	8.82	20.35	7.00	5.50	6


				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION	DRAWN MCL 03-07-2011		
			DEC.	INCHES			CHK MCL 03-07-2011		
			.X	±.1			APPD SB 03-07-2011		
			.XX	±.03			SCALE 1=4		
			.XXX	±.005			REF		
			.XXXX	±.0005			FMF		
NO.	REVISION	BY & DATE	CHK	ANG ±7°30"	FINISH		PREV		
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					DIST		B	SS622294RB	

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RDW 04/12/02		
				DEC.	INCHES		CHK		
				.X	±.1		APPD		
				.XX	±.01		SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005		MAT'L. DECAL - 004014	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV		
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