

PRODUCT INFORMATION PACKET



Model No: 199056.00

Catalog No: 199056.00

Obsolete - replaced by B199056.00 - .7.5HP..1800RPM.213TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RI
GID-C.....GENERAL PURPOSE.....

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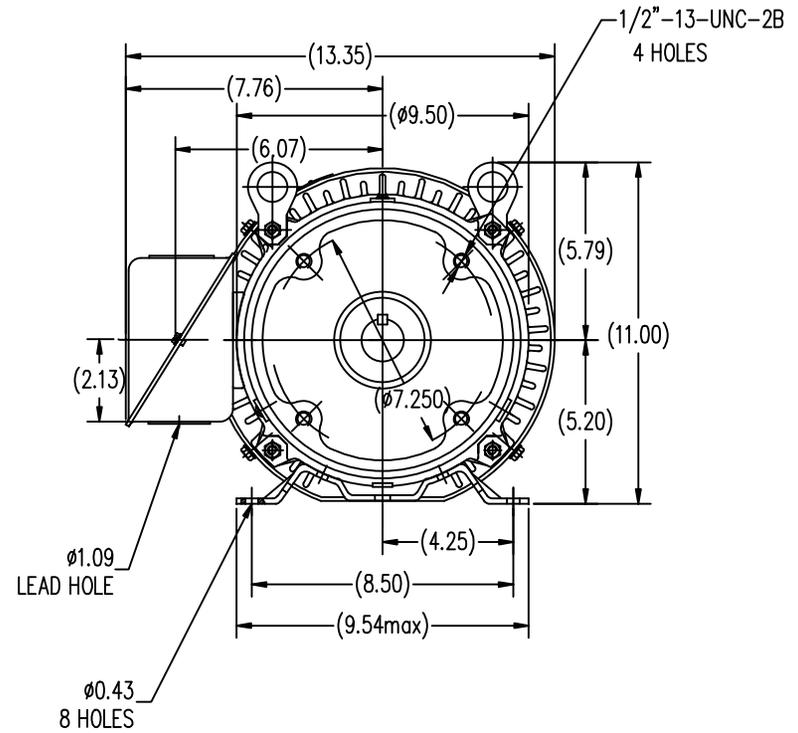
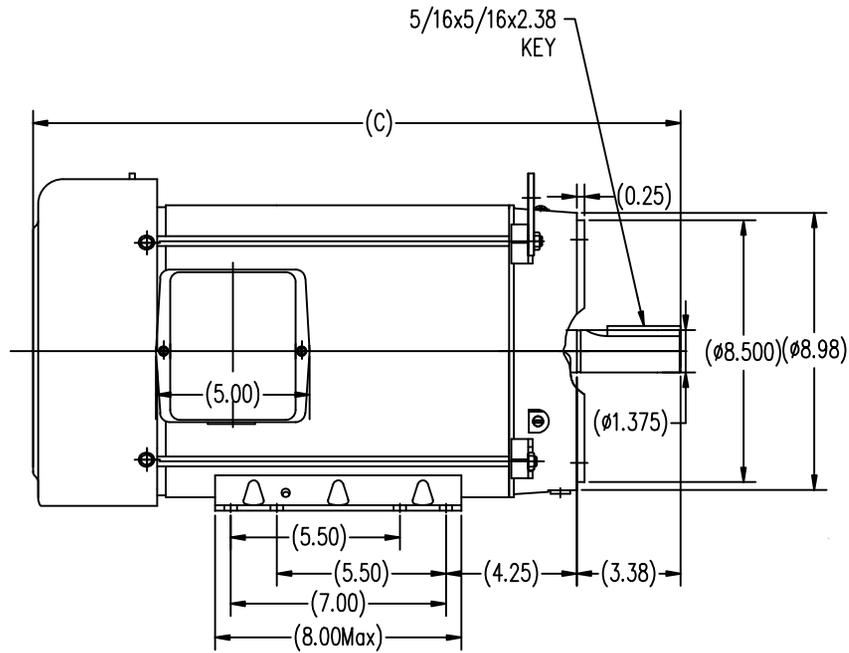
Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1770 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	19.2/9.6 & 15.4/7.7 A	Power Factor	79
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	1.035 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
Inverter Load	CONSTANT 2:1		
Outline Drawing	SS620297-213TC	Connection Drawing	A-EE7308-LE

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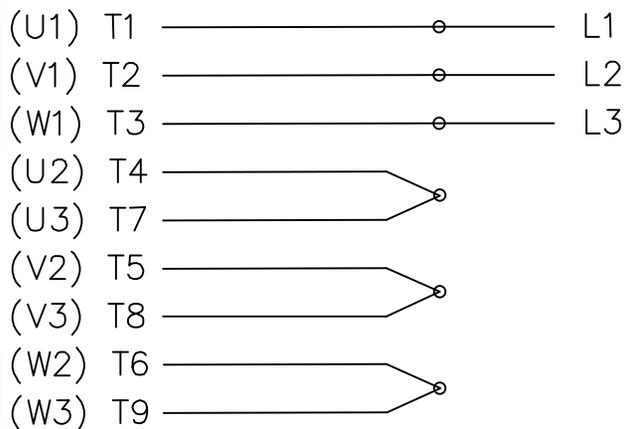


213TC	19.53
215TC	21.02
FRAME	C

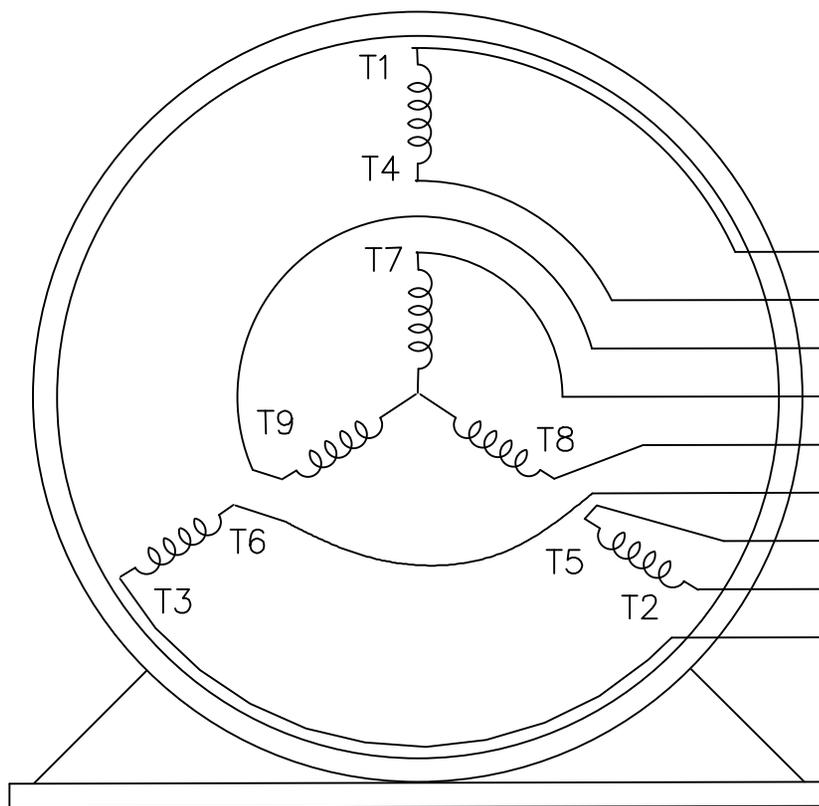
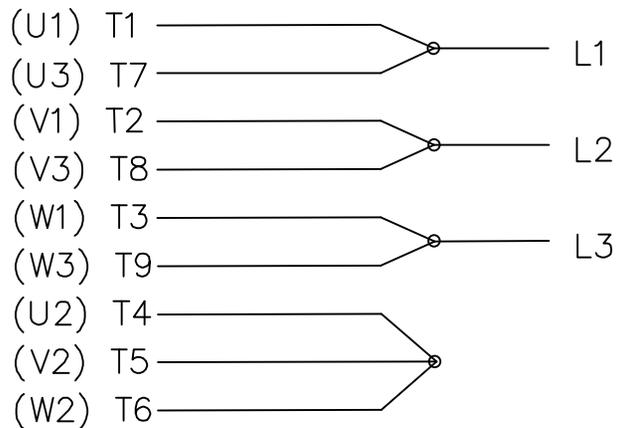
		TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN SY 04-16-2010	
		DEC.	INCHES			CHK HZJ 04-16-2010	
		.X	±.1	TITLE		APPD CL 04-16-2010	
		.XX	±.03	NEMA-PREMIUM TTFBA 213T/215TC		SCALE 1=4	
		.XXX	±.005	MAT'L		REF	
		.XXXX	±.0005			FMF HWADA	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	FINISH	PREV
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						SS620297	SS620297

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE



- T1 (U1)
- T4 (U2)
- T9 (W3)
- T7 (U3)
- T8 (V3)
- T6 (W2)
- T5 (V2)
- T2 (V1)
- T3 (W1)

VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN HLB 04-29-2002					
		DEC.	INCHES			CHK	ML	05-03-2002			
			.X	±.1	TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	APPD	GK	05-03-2002			
			.XX	±.01		SCALE	1=1				
2	ADDED IEC NOTATIONS... (U1), (V1) ETC. (MU105786)	REP	01-11-2012	DR		.XXX	±.005	REF			
1	NEW DRAWING	HLB	05-03-2002	ML	.XXXX	±.0005	FINISH				
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