

PRODUCT INFORMATION PACKET



Model No: 199086.00

Catalog No: 199086.00

DISCONTINUED REPLACED BY B199086.00 ..7 1/2HP..3600RPM.213TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.C-F
ACE.....GENERAL PURPOSE.....

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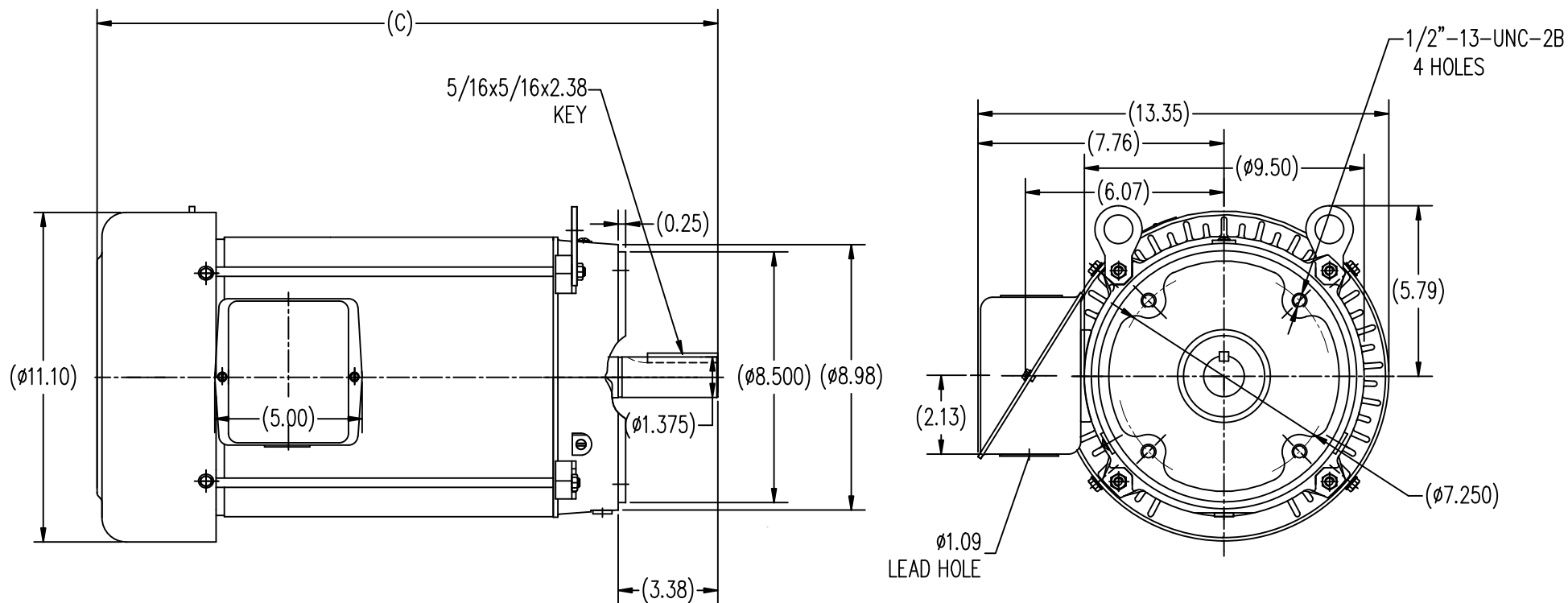
Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	3525 & 2930 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	17.8/8.9 & 14.4/7.2 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	G
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	2	Rotation	Reversible
Resistance Main	.805 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/F2 CAPABLE
Inverter Load	CONSTANT 20:1		
Outline Drawing	SS620308-213TC	Connection Drawing	EE7308-LE

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213TC	19.53
215TC	21.02
FRAME	C

		TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN SY 4-19-2010	
		DEC.	INCHES		CHK HZJ 4-19-2010	
		.X	±.1		APPD CL 4-19-2010	
		.XX	±.03		SCALE 1=4	
		.XXX	±.005		REF	
		.XXXX	±.0005	MAT'L	FMF HWADA	
NO.	REVISION	BY & DATE	CHK ANG ±1/2	FINISH	PREV	
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			DIST			REV.

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			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN HLB 04-29-2002			
				DEC.	INCHES				CHK	ML	05-03-2002	
				.X	±.1						APPD GK 05-03-2002	
				.XX	±.01	TITLE CONNECTION DIAGRAM 3Ø – DUAL VOLTAGE MOTOR			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	MAT'L.			FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH			PREV			
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