

# PRODUCT INFORMATION PACKET



Model No: 199087.00

Catalog No: 199087.00

Obsolete,

by B199087.00.7.5HP..1800RPM.213TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.C-FACE.....GENERAL PURPC

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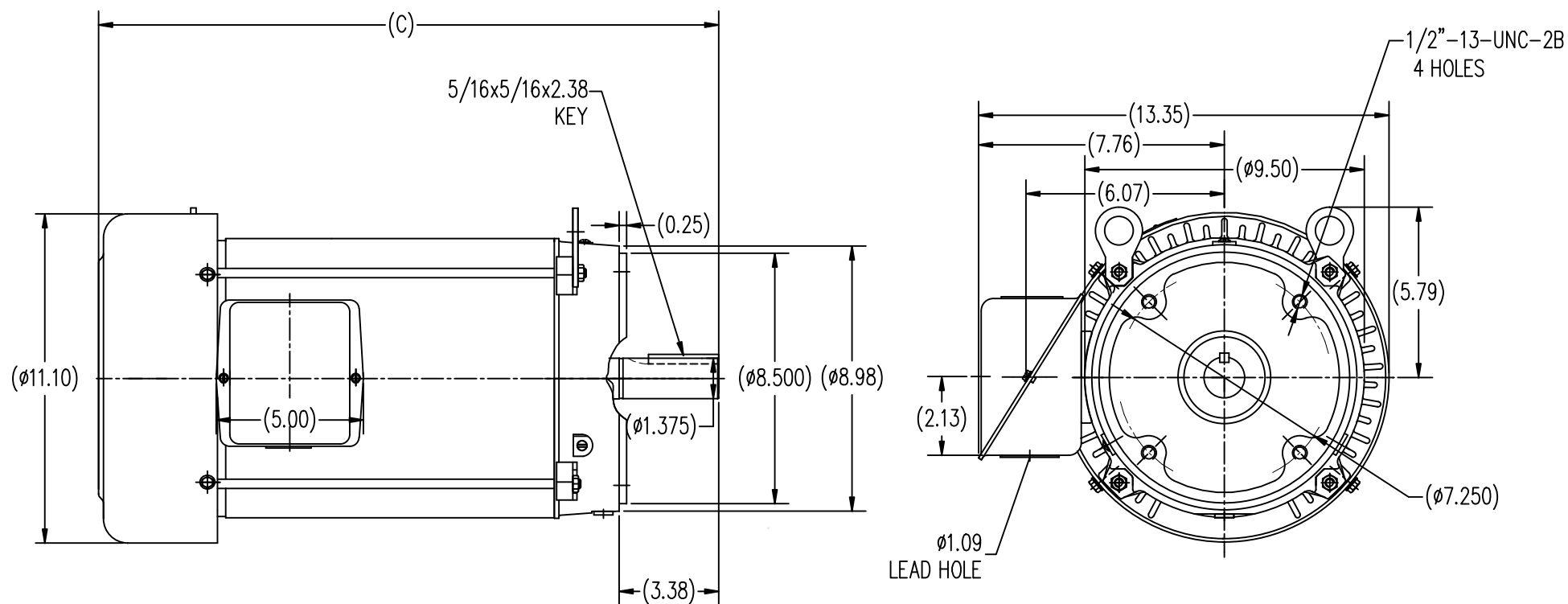
## Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1770 & 1480 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 92 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	18.6/9.3 & 16.4/8.2 A	Power Factor	83
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	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 10:1		
Outline Drawing	SS620308-213TC	Connection Drawing	EE7308-LE

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213TC	19.53
215TC	21.02
FRAME	C


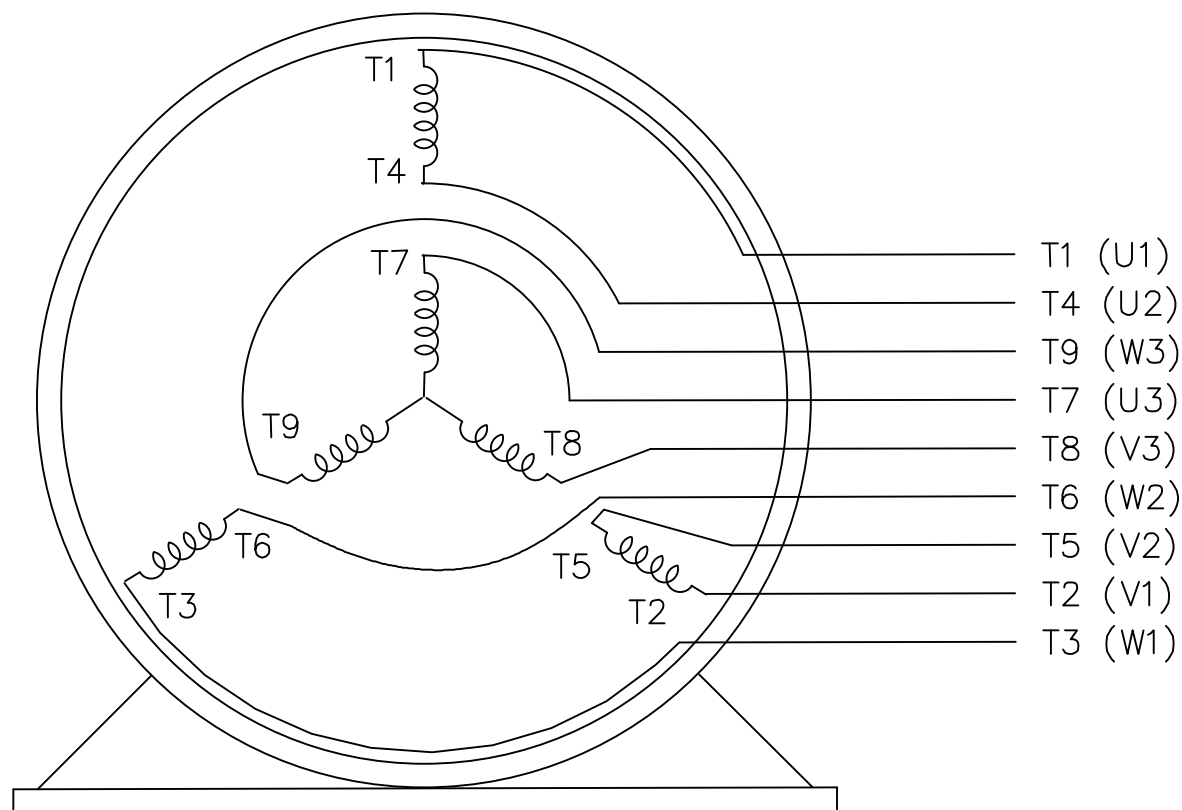
		TOLERANCES UNLESS SPECIFIED		 <b>REGAL-BELOIT CORPORATION</b>	DRAWN SY 4-19-2010	
		DEC.	INCHES		CHK HZJ 4-19-2010	
		.X	±.1		APPD CL 4-19-2010	
		.XX	±.03		SCALE 1=4	
		.XXX	±.005		REF	
		.XXXX	±.0005	MAT'L	FMF HWADA	
NO.	REVISION	BY & DATE	CHK ANG ±1/2	FINISH	PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	CAD FILE SS620308	SIZE B	DRAWING NO. SS620308
			DIST			REV.

Diagram illustrating the connections between qubits and labels:

- (U1) T1 is connected to L1.
- (V1) T2 is connected to L2.
- (W1) T3 is connected to L3.
- (U2) T4 and (U3) T7 are connected to a single point.
- (V2) T5 and (V3) T8 are connected to a single point.
- (W2) T6 and (W3) T9 are connected to a single point.

Diagram illustrating a 3-to-1 multiplexer structure with three 2-to-1 multiplexers:


- Inputs: (U1) T1, (U3) T7, (V1) T2, (V3) T8, (W1) T3, (W3) T9, (U2) T4, (V2) T5, (W2) T6.
- Outputs: L1, L2, L3.
- Connections:
  - Top 2-to-1 multiplexer: Inputs (U1) T1 and (U3) T7 connect to output L1.
  - Middle 2-to-1 multiplexer: Inputs (V1) T2 and (V3) T8 connect to output L2.
  - Bottom 2-to-1 multiplexer: Inputs (W1) T3 and (W3) T9 connect to output L3.
  - Bottom 2-to-1 multiplexer: Inputs (U2) T4, (V2) T5, and (W2) T6 connect to output L3.



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		SCALE 1=1			
2	ADDED IEC NOTATIONS... (U1), (V1) ETC. (MU105786)	REP 01-11-2012	DR	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR		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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