

PRODUCT INFORMATION PACKET

Model No: 213TTWR7001

Catalog No: N659

Other Purpose Motor, 7.50 HP, 3 Ph, 60 Hz, 208-230/460 V, 3600 RPM, 213TC Frame, TEFC

Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

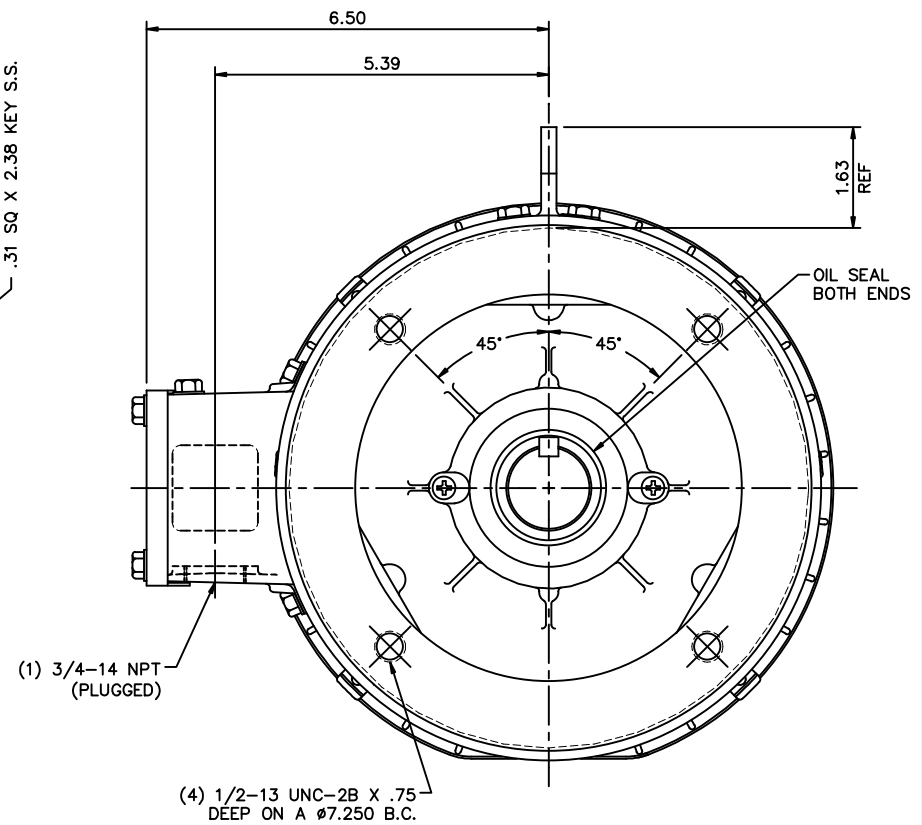
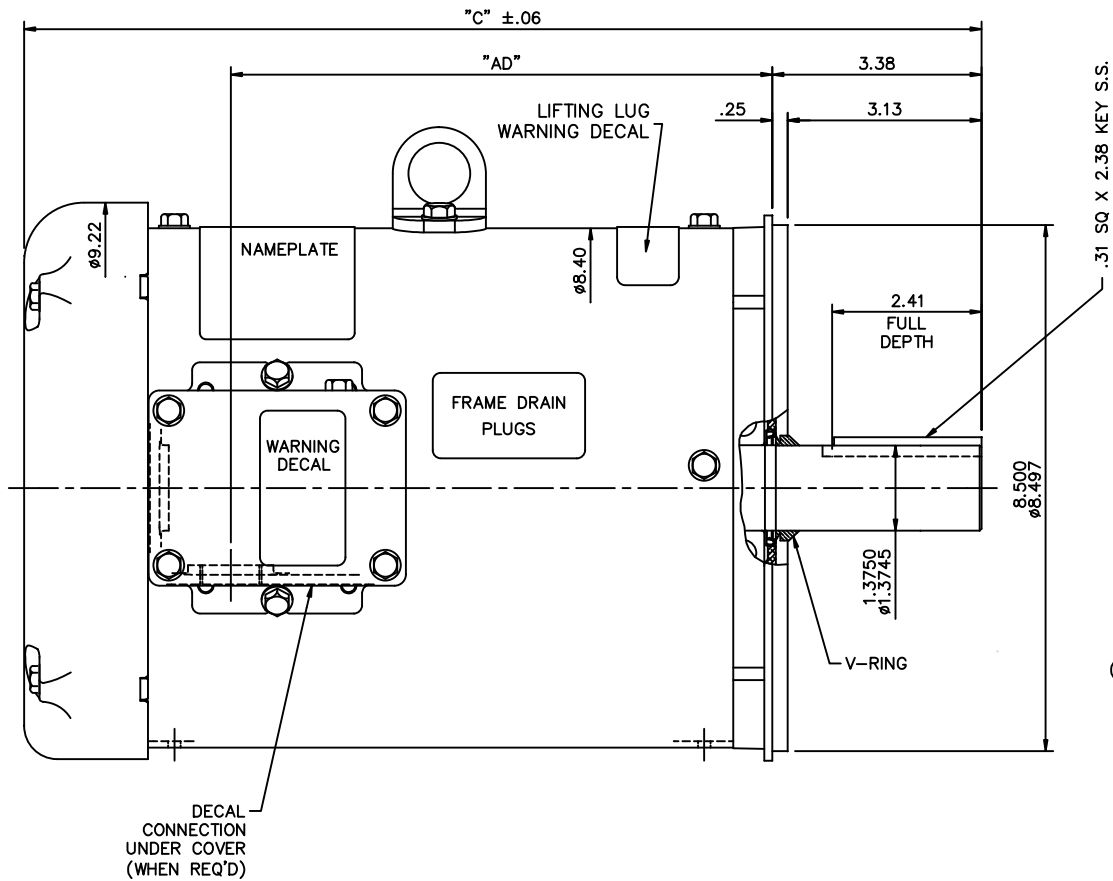


Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	19.6-18.4/9.2 A	Speed	3480 rpm
Service Factor	1	Phase	3
Efficiency	86.5 %	Power Factor	88.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.8 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	15.47 in
Frame Length	9.50 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	035470ME-950	Connection Drawing	005010.01ME



MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

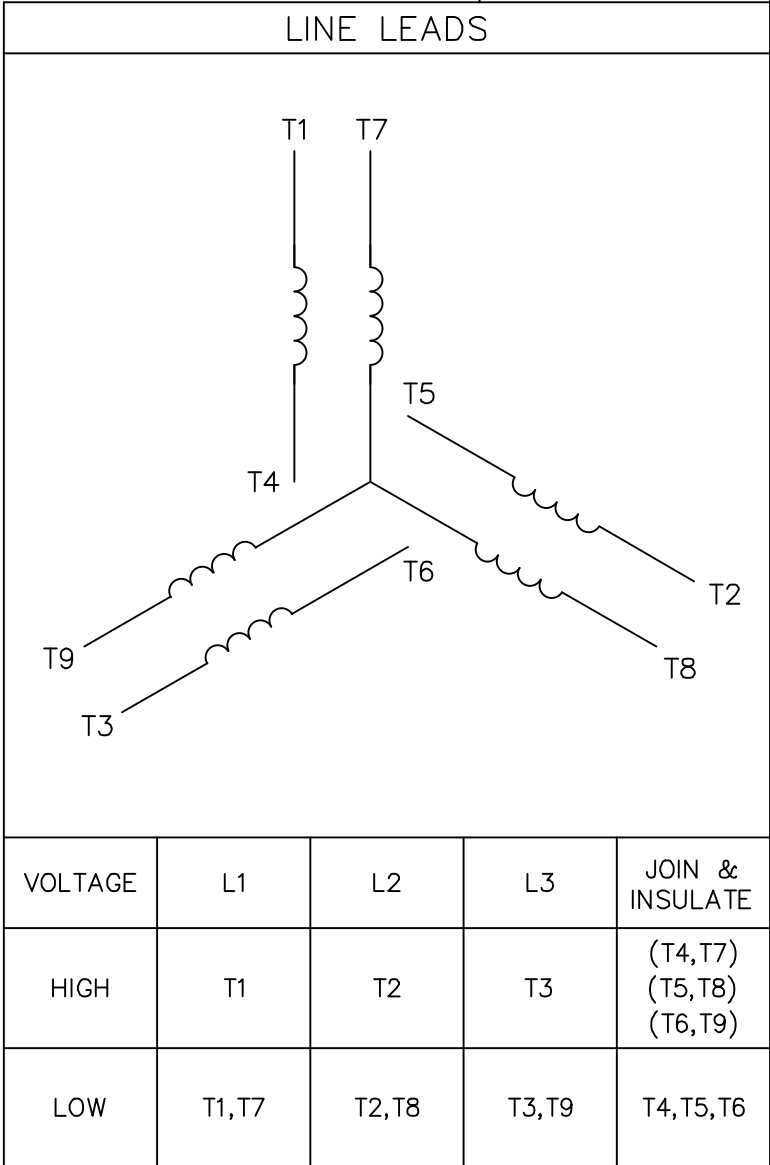
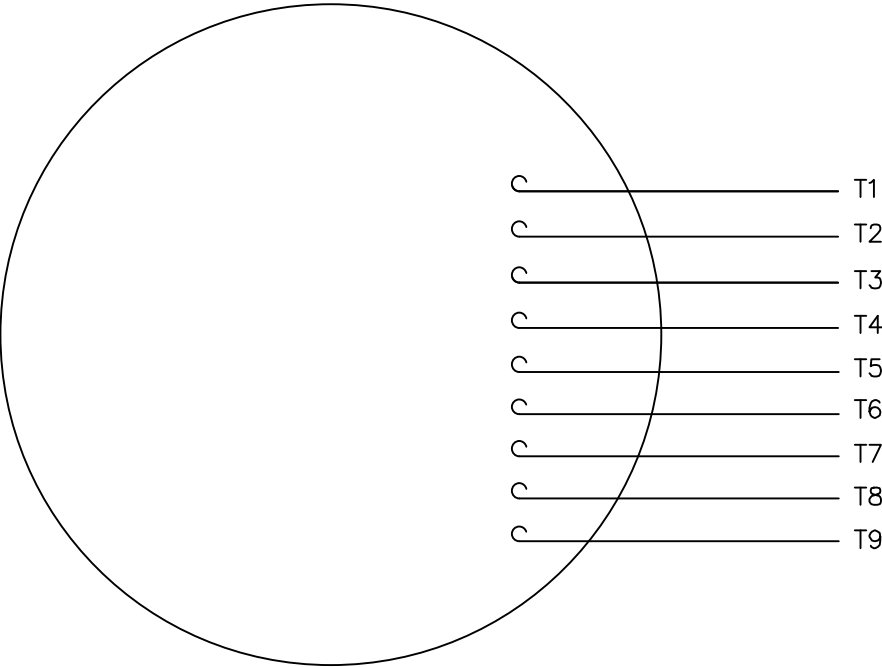
SPECIAL FEATURES:

- 1) SHAFT SEALS & V-RING
- 2) DRAIN HOLES IN FRAME & CONDUIT BOX
- 3) STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE
- 4) GASKETS THROUGHOUT


DASH NO.	"C"	"AD"
900	14.97	8.25
950	15.47	8.75
1000	15.97	9.25
1050	16.47	9.75
1100	16.97	10.25
1150	17.47	10.75

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN RLV 1/19/05	
		DEC.	INCHES			CHK	
		.X	±.1			APPD	KH 1/19/05
		.XX	±.03			SCALE	1=2
		.XXX	±.005			REF	
01	UPDATED DRAWING	ST 05/13/2011				FMF	
NO.		REVISION	BY & DATE	CHK	ANG	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	035470ME
				DIST		SIZE	DRAWING NO.
						B	035470ME
							REV.
							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		 MARATHON ELECTRIC	DRAWN RDW 04/12/02				
				DEC.	INCHES		CHK				
				.X	±.1		APPD				
				.XX	±.01		TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		SCALE 1=1		
				.XXX	±.005				REF FIG.2-51		
				.XXXX	±.0005				FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH DECAL - 004014		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	04/12/02		CAD FILE 00501001ME		SIZE	DRAWING NO.		REV.
			DIST				A	005010-01ME			