

PRODUCT INFORMATION PACKET

Model No: 213TTWW14031

Catalog No: N211

PowerWash™ XT Wash Down Duty™ General Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz,
230/460 & 190/380 V, 1800 & 1500 RPM, 213JM Frame, TEFC



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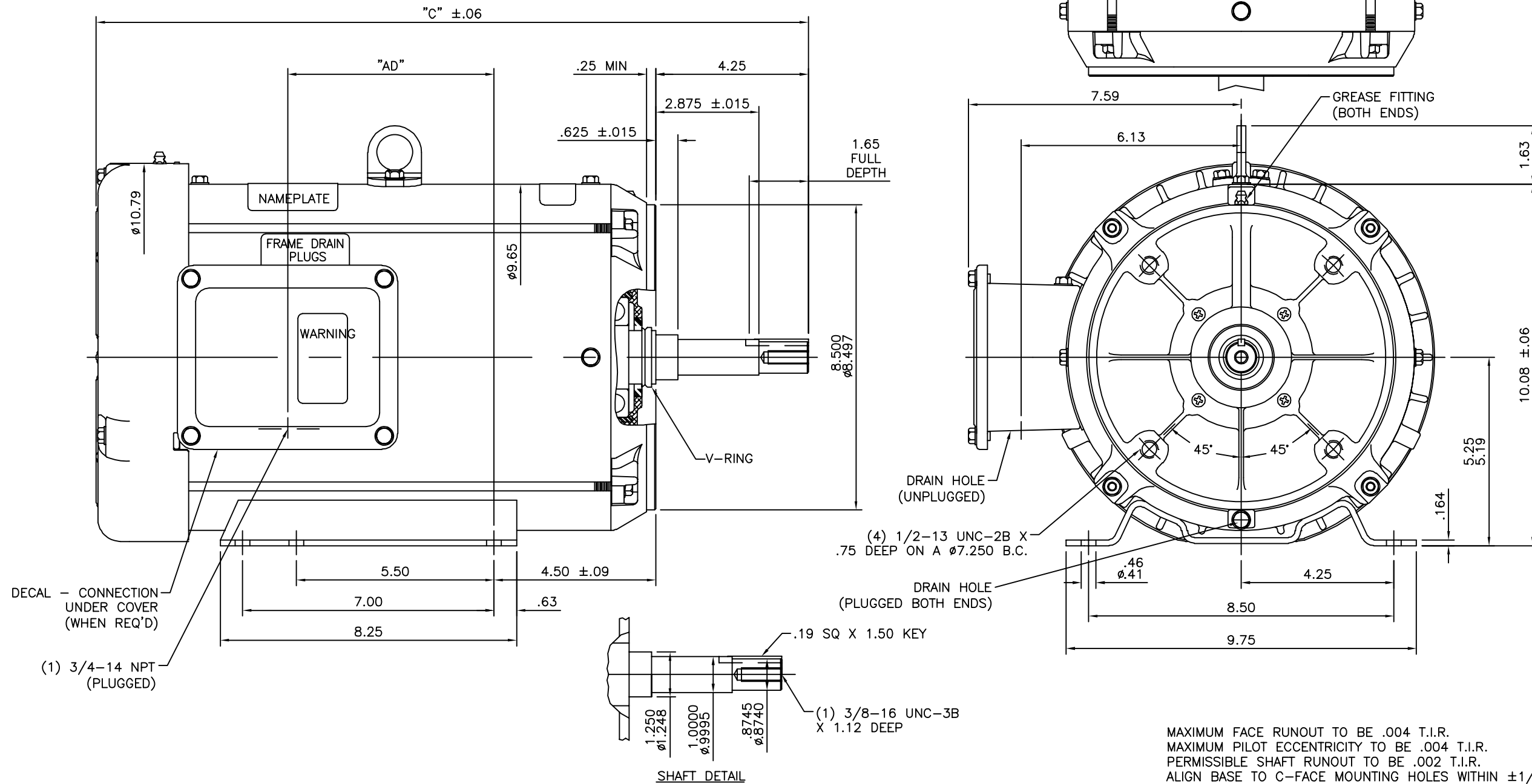
Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1760 & 1450 rpm	Service Factor	1.15 & 1.15
Frame	213JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	22/11 & 18/9 A	Power Factor	72
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6209	Opp Drive End Bearing Size	6206
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	4	Rotation	Reversible
Resistance Main	1.228 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	19.00 in
Frame Length	11.00 in	Shaft Diameter	0.875 in
Shaft Extension	4.28 in	Assembly/Box Mounting	F1 Only
Connection Drawing	005010.01ME	Outline Drawing	037613ME-1100

037613ME



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.
 ALIGN BASE TO C-FACE MOUNTING HOLES WITHIN ±1/16"

SPECIAL FEATURES:

- BUNA-N GASKETS THROUGHOUT
- SHAFT SEALS - BOTH ENDS OF MOTOR
- V-RING AT SHAFT END OF MOTOR
- STAINLESS STEEL SHAFT, NAMEPLATE & HARDWARE

DASH NO.	"C"	"AD"
1100	19.00	4.75
1150	19.50	5.25
1200	20.00	5.75
1250	20.50	6.25
1300	21.00	6.75
1350	21.50	7.25

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN UD 03/12/14	
		DEC.	INCHES			CHK JD 03/12/14	
		.X	±.1			APPD	
		.XX	±.03	TITLE		SCALE 3=8	
		.XXX	±.005	OUTLINE- 210JM FRAME		REF 037613ME	
A		.XXXX	±.0005	TEFC- RIGID "C"		FMF	
NO.		ANG	±1/2'	MATERIAL WASHGUARD		PREV	
A		CREATED NEW OUTLINE PER ECO-0047297	UD 03/12/14	JD	FINISH	RFP	
NO.		REVISION	BY & DATE	CHK	CAD FILE	037613ME	SIZE B
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	DRAWING NO.		REV.
				DIST	037613ME		A

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		DRAWN RDW 04/12/02					
		DEC.	INCHES	CHK					
		.X	±.1	APPD					
		.XX	±.01	SCALE 1=1					
		.XXX	±.005	REF FIG.2-51					
		.XXXX	±.0005	FMF					
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV			
				±1/2'					
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			DIST				A	005010-01ME	



TITLE EXTERNAL WIRING DIAGRAM
3 PHASE W/O PROTECTOR
MAT'L. DECAL - 004014