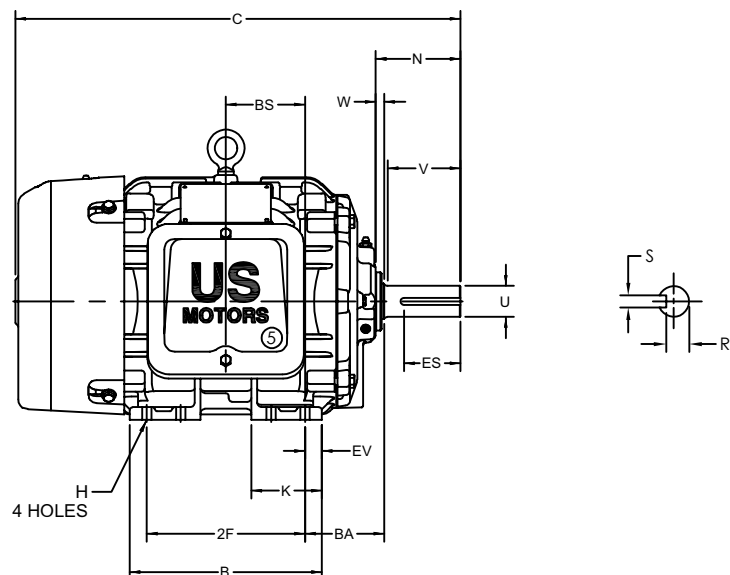
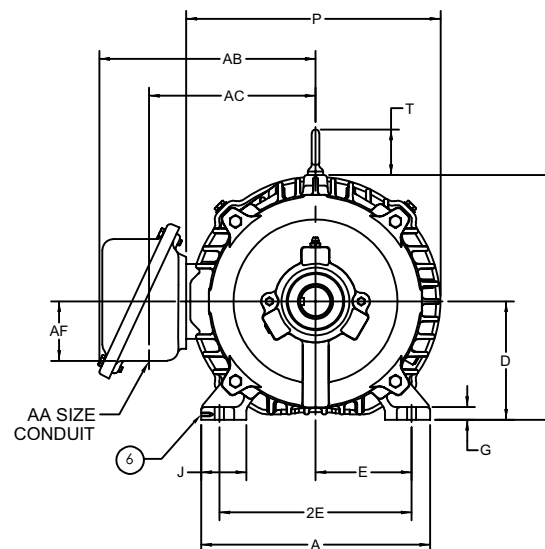


		TECHNICAL DOCUMENT COMMENT / REVIEW SHEET											
Vendor Name:		Bombas Goulds Mexico, S. de R.L. de C.V.		PO No:		4505515682		Return Due Date:		7-Feb-22			
Tag # :		18-P-1847 A/B						End User:		Air Products			
Doc #:		MOT-10855-2_18-P-1847 AB		Rev.		0		Title :		Motor Wiring Diagram		Attachments: ☐ Yes / ☐ No	
Item		Consolidated Customer Comments		By		ITT Goulds Reply		By		Customer Replies			
Rev _ 0 Comments													
1		Needed over size box		AP		US Motors reports that the boxes are currently oversized. The client's request cannot be applied due to limitations of space and geometry of the frame.		US Motors					
Reviewed by						Approved by							
Signature:				Date:		1-Apr-22		Signature:				Date:	
Name:		Anibal Morales				Name:							
Title:		Inside sales, US Motors Mexico				Title:							

This sheet is for communication purposes and will be removed prior to final submittal.



SIDE VIEW



FRONT VIEW

WARNING

IMPROPER INSTALLATION OR OPERATION OF THIS MOTOR MAY CAUSE INJURY TO PERSONNEL OR MOTOR FAILURE. READ OPERATING INSTRUCTIONS. MOTOR MUST BE INSTALLED AND GROUNDED PER LOCAL AND NATIONAL ELECTRIC CODES. TO REDUCE POTENTIAL OF ELECTRIC SHOCK DISCONNECT ALL POWER SOURCES BEFORE INITIATING ANY MAINTENANCE OR REPAIRS. KEEP FINGERS AND FOREIGN OBJECTS AWAY FROM VENTILATION AND OTHER OPENINGS KEEP AIR PASSAGES EYEBOLTS OR LIFTING HOOKS, WHEN SUPPLIED, ARE INTENDED FOR LIFTING THE PRODUCT ONLY, AND MUST NOT BE USED TO LIFT ADDITIONAL WEIGHT. MOTOR HAS BEEN DINAMICALLY BALANCED USING A HALF KEY OF THE SAME LENGTH AS FULL KEY SHIPPED WITH MOTOR. IF PULLEY WIDTH IS LESS THAN THIS LENGTH, REWORK LONG KEY BY REMOVING ONE HALF OF EXCESS LENGTH BETWEEN PULLEY AND KEY TO MAINTAIN BALANCE.

SPECIAL FEATURES

TYPE	FRAME	A	B	C	D (-0.06)	E	2E (±0.03)	2F (±0.03)	G	H (+0.05)	J	K	N-W	O	P	R (-0.015)	S	T	U (-0.0005)	V _{MIN}	AA	AB	AC	AF	BA	BS	ES _{MIN}	EV
CE	213T	10.13 257	8.50 216	19.69 500	5.25 133	4.25 108	8.50 216	5.50 140	0.56 14	0.41 10	2.00 51	3.13 80	3.37 86	10.84 275	11.50 292	1.201 30.51	0.313 7.95	2.03 52	1.3750 34.925	3.12 79	1 NPT	9.56 243	7.38 187	2.63 67	3.50 89	3.50 89	2.41 61	0.75 19

TECHNICAL INFORMATION

HP OUTPUT / SERVICE FACTOR	7.5 / 1.15
PHASES / FREQUENCY (Hz)	3 / 60
FULL LOAD RPM / SYNCHRONOUS RPM	3523 / 3600
VOLTS	460
FULL LOAD CURRENT (A)	9.0
NEMA START AMPS CODE	H
FRAME	213T
TYPE	CE
NEMA DESIGN	B
CLASS INSULATION	F
MAXIMUM AMBIENT TEMP	41°C AT 3300 FASL
DRIVE END BEARING	40BC02J3
OPP. DRIVE END BEARING	40BC02J3

SPECIAL FEATURES

- 1.- HORIZONTAL MOTOR TEFC
- 2.- PREMIUM EFFICIENCY.
- 3.- CORRODUTY.
- 4.- INPROSEAL BOTH ENDS.
- 5.- GROUND LUG IN CONDUIT BOX.
- 6.- GROUNDING TERMINAL ON FRAME 0.250-20 UNC-2B.
- 7.- DUAL ROTATION.
- 8.- DIVISION 2, CLASS I, GROUP ABCD, TEMP.CODE T3C.
- 9.- WEIGHT 150 LBS.
- 10.- PAINT CARBOLINE, CARBOGUARD 60 GRAY PANTONE PMS432C.
- 11.- TAG: 18-P-1847A 18-P-1847B
- 12.- SOUND LEVEL 65 DBA @1M
- 13.- CONDUIT BOX CAN BE ROTATED IN STEPS OF 90° REGARDLESS OF THE LOCATION.
- 14.- POWER LEADS: 3 #18

NOTES

- 1.- ALL DIMENSIONS ARE IN INCHES.
- 2.- ALL NON MACHINED DIMENSIONS MAY VARY 0.250 INCHES, DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 3.- ALL DIMENSIONS ARE CERTIFIED AND DATA IS TYPICAL.

CUSTOMER	ITT GOULDS PUMPS
CUSTOMER No.	49194
ORDEN No.	21704264-100
ORDER SUFFIX	-
QTY	2

IF PROPERLY EDORSED, THIS DATA IS
CORRECT FOR CUSTOMER No. SHOWN.

BY: E. LIZANA DATE: 29-MAR-22
01-DEC-21

REVISION

REV.	DESCRIPTION	DATE
A	ADDED SPECIAL FEATURES 13 & 14	29-MAR-22

DIMENSION PRINT

MOTORES U.S. DE MEXICO
APODACA, N.L. MEXICO

FRAME:	213T
TYPE:	CE
DRAWING BY:	DCE
DATE:	29-MAR-22
CHECKED BY:	ELG

SCALE:	CAD PREFFIX	21704264-100	B
0	DP/		

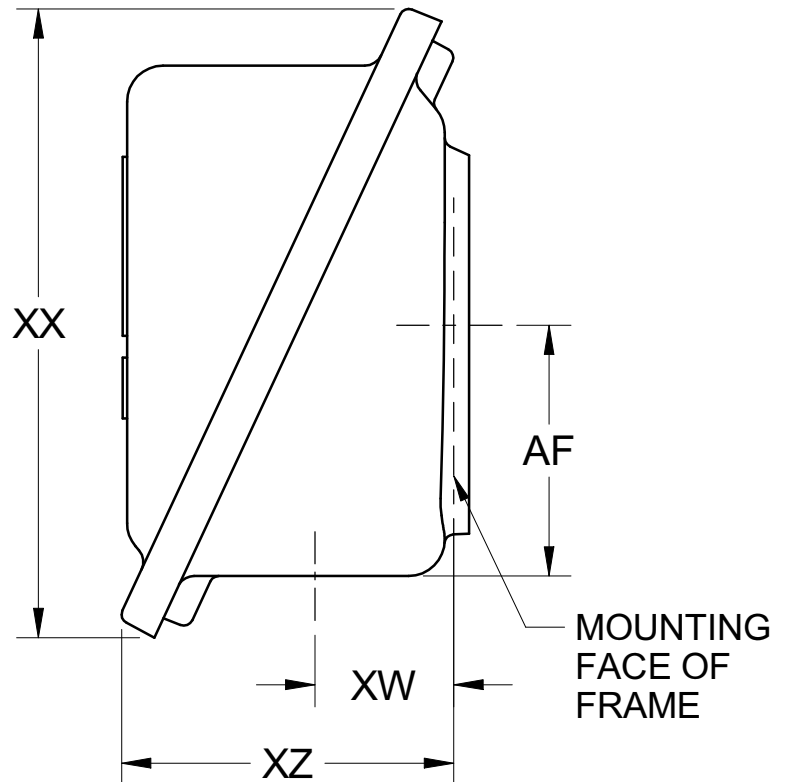
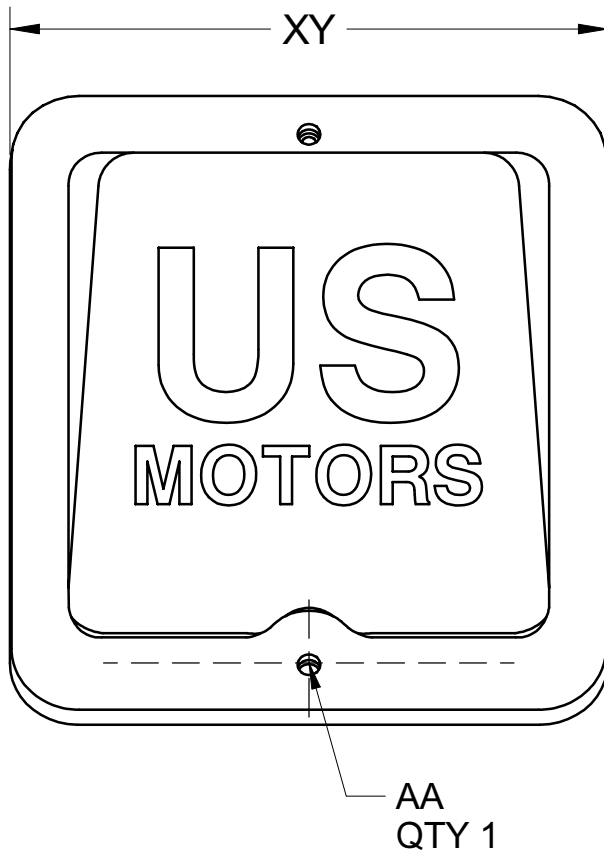
EFFECTIVE:
08-MAR-18

SUPERSEDES:
16-JAN-18

NEMA FRAME SIZE
WORLD MOTOR OUTLET BOXES
CAST IRON CONSTRUCTION

PRINT:
80-272

SHEET:
1 OF 1



FRAME SIZE	PART NUMBERS		VOLUME (CU IN.)	OUTLET BOX DIMENSIONS					
	BASE PN	COVER PN		AA	AF	XW	XX	XY	XZ
140/180	2042939-000	2042942-000	40	3/4 NPT	2.31	1.31	5.81	5.69	3.06
210	2046168-000	2046171-000	65	1 NPT	2.63	1.44	6.84	6.94	3.63
250	2044274-000	2044277-000	100	1-1/4 NPT	3.00	1.81	8.00	7.44	4.28
280	2039103-000	2039106-000	150	1-1/2 NPT	3.25	1.88	8.75	8.31	4.63
320	2046834-000	2046837-000	260	2 NPT	3.84	2.25	10.00	10.06	5.44
360/400	2048915-000	2048919-000	470	3 NPT	4.75	3.00	11.81	11.56	6.34
440	2049994-000	2049997-000	860	3 NPT	5.75	3.69	14.00	14.44	7.56

1. DIMENSIONS INCLUDE GASKET MATERIAL THICKNESS BETWEEN BASE AND FRAME AND BETWEEN BASE AND COVER.
2. AA SHOWS STANDARD CONDUIT DIMENSION. FOR SPECIAL AA DIMENSION REFER TO MOTOR DIMENSION PRINT.

