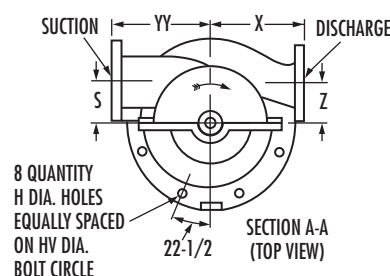
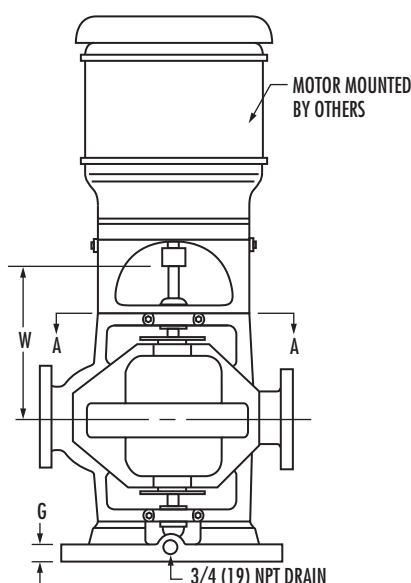
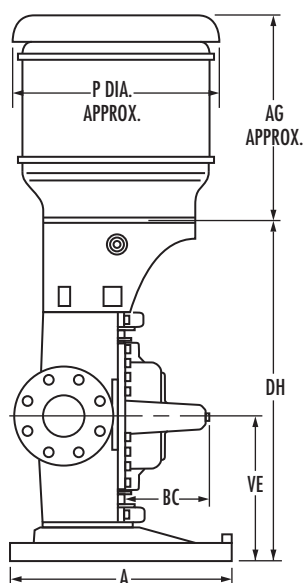
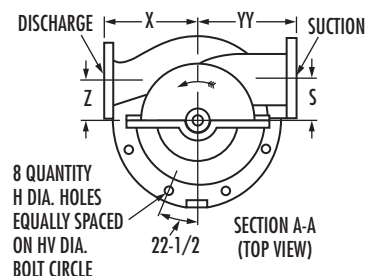


AURORA® MODEL 413 PUMPS

2" THRU 4" PUMPS
POWER SERIES NO. 1-2-3



RIGHT-HAND ROTATION



LEFT-HAND ROTATION

PUMP SIZE			POWER SERIES	BASE	S	W	X	Z	BC	VE	YY
DISCH	SUCT	CASE BORE									
2	2-1/2	9	1	1	3-1/2 (89)	11-5/8 (295)	8-1/2 (216)	3-1/2 (89)	6-3/8 (162)	11-1/8 (283)	9 (228)
2	2-1/2	10	1	1	3-1/2 (89)	11-5/8 (295)	8-1/2 (216)	3-1/2 (89)	6-3/8 (162)	11-1/8 (283)	9 (228)
2	2-1/2	12	1	1	4 (102)	11-5/8 (295)	10 (254)	4 (102)	7-7/8 (200)	11-1/8 (283)	10-3/4 (273)
2-1/2	3	10	2	1	4 (102)	13-1/2 (343)	9-3/4 (247)	4 (102)	8 (203)	13 (330)	10 (254)
2-1/2	3	12	2	1	4-1/2 (114)	13-1/2 (343)	11 (279)	4-1/2 (114)	8-1/4 (210)	13 (330)	11-1/2 (292)
3	4	10	2	1	4-1/2 (114)	13-1/2 (343)	10 (254)	4-1/2 (114)	7-3/16 (183)	13 (330)	11 (279)
3	4	14	2	1	5 (127)	13-1/2 (343)	12 (305)	5 (127)	9-3/8 (238)	13 (330)	13 (330)
4	5	10	2	1	4-5/8 (117)	13-1/2 (343)	10 (254)	4-1/2 (114)	7-3/16 (183)	13 (330)	11-1/4 (286)
4	5	11A/C	3	2	5 (127)	14-1/2 (368)	11-1/4 (286)	5 (127)	8-5/16 (211)	14 (356)	12-3/4 (324)
4	5	11D	3	2	5 (127)	14-1/2 (368)	12 (305)	5 (127)	8-5/16 (211)	14 (356)	12-3/4 (324)
4	5	15	3	2	5-1/2 (140)	14-1/2 (368)	13 (330)	5-1/2 (140)	9 (228)	14 (356)	14 (356)

BASE	1	2	3	4
A	18 (457)	22 (558)	30 (762)	40 (1016)
G	1-3/4 (44)	1-3/4 (44)	2 (51)	2-1/4 (57)
H	3/4 (19)	3/4 (19)	7/8 (22)	7/8 (22)
HV	16-1/4 (413)	20 (508)	28 (711)	38 (965)

STD. 125# FLANGES	OPT. 250# FLANGES
-------------------	-------------------

FRAME	143	145	182	184	213	215	254	256	284	286	324	326	364	365	404	405	444	445
	P	8 (203)	8 (203)	10 (254)	10 (254)	11 (279)	11 (279)	13 (330)	13 (330)	16 (406)	16 (406)	18 (457)	18 (457)	21 (534)	21 (534)	22 (559)	24 (610)	24 (610)
AG	11 (279)	12 (305)	14 (356)	15 (381)	16 (406)	17 (432)	20 (508)	21 (534)	22 (559)	23 (584)	25 (635)	26 (660)	25 (635)	25 (635)	28 (711)	28 (711)	32 (813)	32 (813)
	DH																	
PUMP SIZE		DH																
2 x 2-1/2 x 9 2 x 2-1/2 x 10 2 x 2-1/2 x 12		26 (660)									28 (711)		NOT AVAILABLE					
2-1/2 x 3 x 10 2-1/2 x 3 x 12 3 x 4 x 10 3 x 4 x 14 4 x 5 x 10		30 (762)									32 (813)				NOT AVAILABLE			
4 x 5 x 11 4 x 5 x 15		33 (838)									35 (889)						NA	

NOTES:

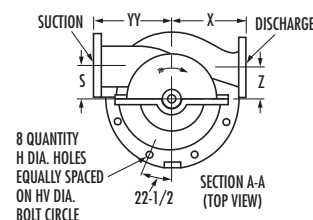
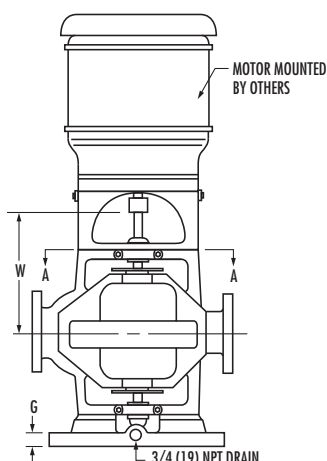
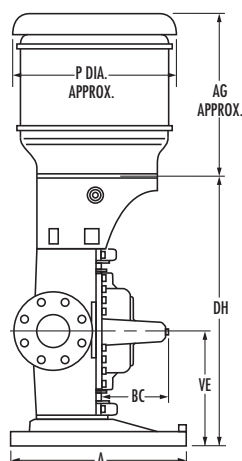
1. All dimensions in inches (mm).
2. Dimensions may vary $\pm 3/8"$ (10).
3. Not for construction purposes unless certified.
4. Coupling gap may vary 1/8" (3) to 1" (25)
5. Height (AG) and diameter (P) dimensions of motor will vary based on make and style of motor. DIMENSIONS SHOWN REFLECT AURORA STANDARD MOTORS. See individual motor supplier dimensional data sheets for your application.
6. Conduit box is shown in approximate location. Dimensions are not specified as they vary for each motor manufacturer.
7. Discharge and suction flanges — ANSI Standard flat face.

AURORA® MODEL 413 PUMPS

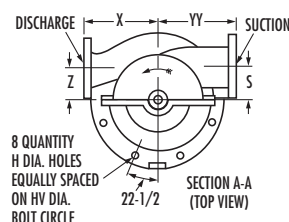
4" THRU 10" PUMPS
POWER SERIES NO. 4-5-6B

Section **410** Page **207**
Date **May 2013**

Supersedes Section 410 Page 207
Dated April 2013



RIGHT-HAND ROTATION



LEFT-HAND ROTATION

PUMP SIZE			POWER SERIES	BASE	S	W	X	Z	BC	VE	YY
DISCH	SUCT	CASE BORE									
4	6	18	4	2	6-1/4 (159)	16 (406)	14 (356)	6-1/4 (159)	11-3/4 (298)	15 (381)	16 (406)
5	6	11	4	2	5-1/2 (140)	16 (406)	11-1/4 (286)	5-1/2 (140)	8-3/4 (222)	15 (381)	13-1/4 (337)
5	6	15	4	2	6-1/4 (159)	16 (406)	13-1/4 (337)	6-1/4 (159)	10-1/16 (256)	15 (381)	15 (381)
5	6	17	4	2	6-1/4 (159)	16 (406)	14 (356)	6-1/4 (159)	10-1/16 (256)	15 (381)	15 (381)
6	8	11	4	2	6-1/4 (159)	16 (406)	11-3/4 (298)	6-1/4 (159)	9-1/4 (235)	15 (381)	14-1/2 (368)
6	8	11HH	4A	2	8-5/8 (219)	18-1/8 (461)	10 (254)	8-5/8 (219)	9-7/16 (240)	17-1/8 (436)	15 (381)
6	8	14HH	5A	3	7-1/2 (191)	20-7/16 (519)	15 (381)	7-1/2 (191)	10-3/16 (258)	19-7/16 (494)	17 (432)
8	8	11	4	2	6-1/4 (159)	16 (406)	12 (305)	6-1/4 (159)	9-3/4 (248)	15 (381)	14-1/2 (368)
6	8	15	5	3	6-3/4 (171)	18 (457)	14-1/4 (362)	6-3/4 (171)	11-5/16 (287)	17 (432)	16-3/4 (425)
6	8	18	5	3	8 (203)	18 (457)	16 (406)	8 (203)	12-1/2 (318)	17 (432)	18 (457)
6	8	20	5	3	8 (203)	18 (457)	15-3/4 (400)	8 (203)	2-15/16 (75)	17 (432)	18 (457)
8	10	12	5	3	8 (203)	18 (457)	17 (432)	9 (228)	11-9/16 (294)	17 (432)	17-3/4 (451)
8	10	15	5	3	8 (203)	18 (457)	17 (432)	9 (228)	11-13/16 (300)	17 (432)	17-3/4 (451)
8	10	17	5	3	8 (203)	18 (457)	17 (432)	8 (203)	12-3/8 (314)	17 (432)	17-3/4 (451)
10	12	12B	6B	4	12 (305)	21-7/8 (547)	16 (406)	12 (305)	12-1/2 (318)	19 (483)	19 (483)

BASE	1	2	3	4
A	18 (457)	22 (558)	30 (762)	40 (1016)
G	1-3/4 (44)	1-3/4 (44)	2 (51)	2-1/4 (57)
H	3/4 (19)	3/4 (19)	7/8 (22)	7/8 (22)
HV	16-1/4 (413)	20 (508)	28 (711)	38 (965)

STD. 125# FLANGES	OPT. 250# FLANGES
-------------------	-------------------

	FRAME	143	145	182	184	213	215	254	256	284	286	324	326	364	365	404	405	444	445
	P	8 (203)	8 (203)	10 (254)	10 (254)	11 (279)	11 (279)	13 (330)	13 (330)	16 (406)	16 (406)	18 (457)	18 (457)	21 (534)	21 (534)	22 (559)	22 (559)	24 (610)	24 (610)
	AG	11 (279)	12 (305)	14 (356)	15 (381)	16 (406)	17 (432)	20 (508)	21 (534)	22 (559)	23 (584)	25 (635)	26 (660)	25 (635)	25 (635)	28 (711)	28 (711)	32 (813)	32 (813)
PUMP SIZE		DH																	
4 x 6 x 18 5 x 6 x 11 5 x 6 x 15 5 x 6 x 17 6 x 8 x 11 8 x 8 x 11		35 (889)									37 (940)						NOT AVAILABLE		
6x8x11HH		NOT AVAILABLE									41-1/4 (1049)								
6x8x14HH		NOT AVAILABLE									45-7/8 (1166)								
6 x 8 x 15 6 x 8 x 18 6 x 8 x 20 8 x 10 x 12 8 x 10 x 15 8 x 10 x 17		NOT AVAILABLE									41 (1041)								
10 x 12 x 12B		NOT AVAILABLE									46-1/2 (1181)								

NOTES:

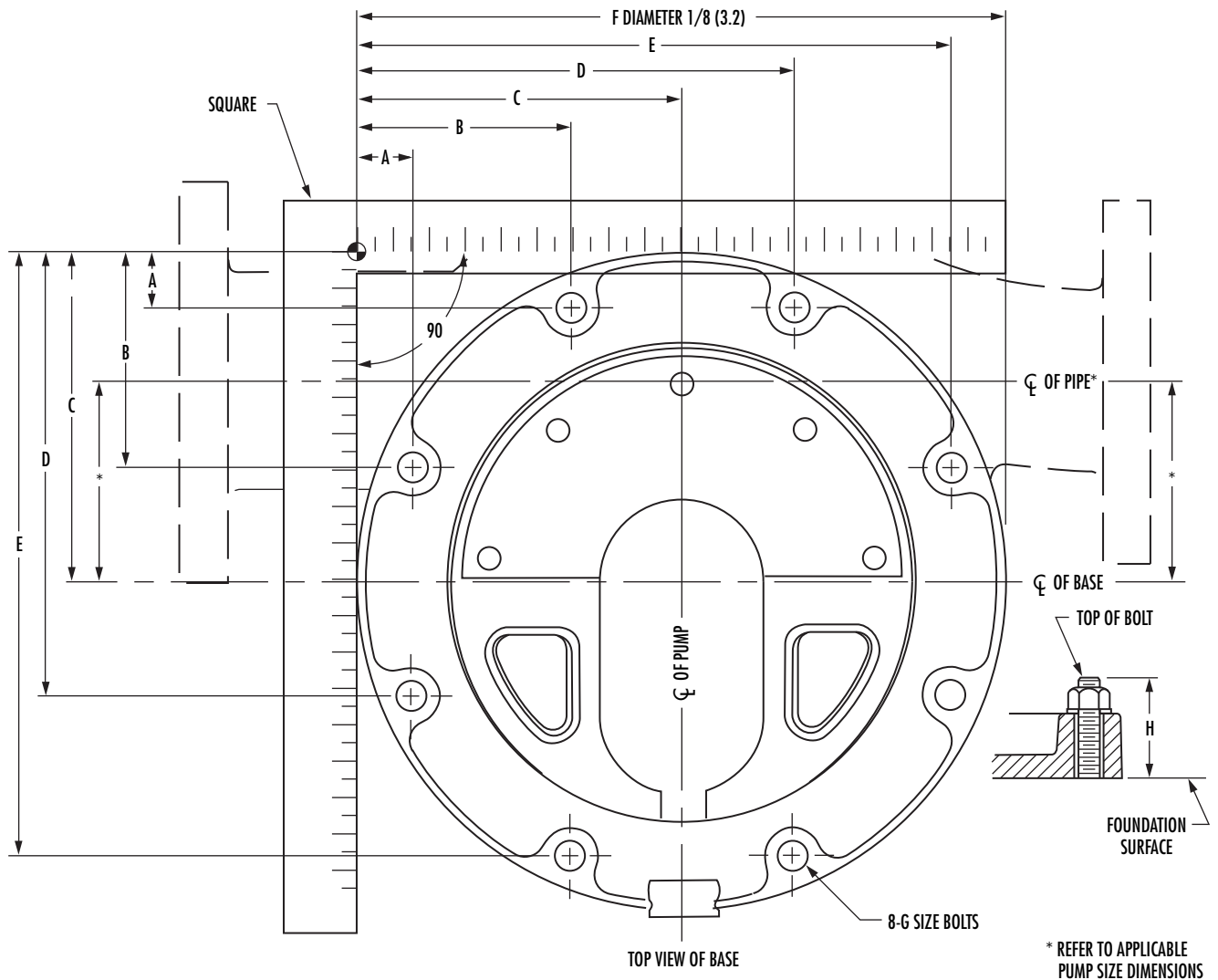
- All dimensions in inches (mm).
- Dimensions may vary $\pm 3/8"$ (10).
- Not for construction purposes unless certified.
- Coupling gap may vary 1/8" (3) to 1" (25)
- Height (AG) and diameter (P) dimensions of motor will vary based on make and style of motor. DIMENSIONS SHOWN REFLECT AURORA STANDARD MOTORS. See individual motor supplier dimensional data sheets for your application.
- Conduit box is shown in approximate location. Dimensions are not specified as they vary for each motor manufacturer.
- Discharge and suction flanges — ANSI Standard flat face.

AURORA® MODELS 412 & 413

BASEPLATE DIMENSIONS

Section **410** Page **209**
Date **May 2013**

Supersedes Section 410 Page 209
Dated April 2013



BASE	A	B	C	D	E	F	G	H	FULL SCALE TEMPLATE
1	1-1/2 (38)	5-29/32 (150)	9 (229)	12-1/8 (308)	16-1/2 (419)	18 (457)	5/8 (16)	2-3/4 (70)	294-0579-000
2	1-25/32 (45)	7-3/16 (183)	11 (279)	14-27/32 (377)	20-1/4 (514)	22 (559)	5/8 (16)	2-3/4 (70)	294-0580-000
3	2-1/16 (52)	9-21/32 (245)	15 (381)	20-3/8 (518)	27-15/16 (710)	30 (762)	3/4 (19)	3-1/4 (83)	294-0581-000
4	2-7/16 (62)	12-23/32 (323)	20 (508)	27-9/32 (693)	37-9/16 (954)	40 (1016)	3/4 (19)	3-1/2 (89)	294-0613-000

NOTES:

1. All dimensions in inches (mm).
2. Dimensions may vary $\pm 3/8"$ (10).
3. Not for construction purposes unless certified.
4. Discharge and suction flanges – ANSI Standard flat face.