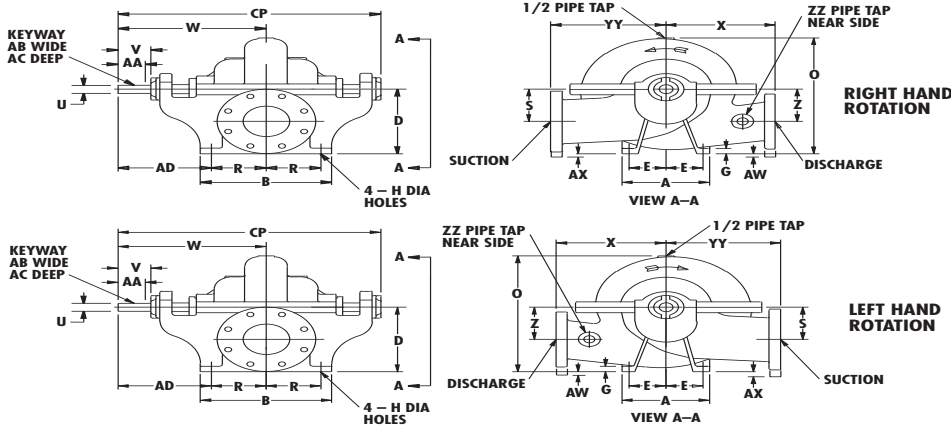


SINGLE-STAGE FIRE SERVICE

Date **June 2013**

Supersedes Section 912 Page 201

Dated April 2013



| PUMP SIZE | | CASE BORE | SUCTION | POWER SERIES | A | B | D | E | G | H | O | R | S | U | V | W | X | Z | AA | AB | AC | AD | AW | AX | CP | YY | ZZ |
|-----------|---------------------|-----------|---------|--------------|----------|--------------|--------------|-------------|------------|-------------|---------------|-------------|--------------|------------|--------------|--------------|--------------|--------------|-------------|----------|----------|--------------|------------|------------|---------------|--------------|------------|
| DISCH | MODEL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-1/2 | 2.5"1823BF | 10B | 3 | 2 | 8 (203) | 10 (254) | 8 (203) | 3-1/2 (89) | 3/4 (19) | 5/8 (16) | 16 (406) | 4 (102) | 4 (102) | 1-1/8 (29) | 2-7/8 (73) | 13-1/2 (343) | 9-3/4 (248) | 4 (102) | 2-1/8 (54) | 1/4 (6) | 1/8 (3) | 9-1/2 (241) | - | - | 24 (610) | 10 (254) | |
| 3 | 3"1824F | 10 | 4 | 2 | 8 (203) | 10 (254) | 9 (229) | 3-1/2 (89) | 3/4 (19) | 5/8 (16) | 16-1/4 (413) | 4 (102) | 4-1/2 (114) | 1-1/8 (29) | 2-7/8 (73) | 13-1/2 (343) | 10 (254) | 4-1/2 (114) | 2-1/8 (54) | 1/4 (6) | 1/8 (3) | 9-1/2 (241) | - | 1/2 (13) | 24 (610) | 11 (279) | |
| 4 | 4"1823AF -CF | 11 | 5 | 3 | 10 (254) | 12 (305) | 10 (254) | 4-1/4 (108) | 7/8 (22) | 3/4 (19) | 18-3/8 (467) | 5 (127) | 5-1/2 (140) | 1-3/8 (35) | 3 (76) | 14-1/2 (368) | 11-1/4 (286) | 5 (127) | 2-3/8 (60) | 3/8 (10) | 3/16 (5) | 9-1/2 (241) | - | 1/2 (13) | 26 (660) | 12-3/4 (324) | |
| 4 | 4"1823DF | 11 | 5 | 3 | 10 (254) | 12 (305) | 10 (254) | 4-1/4 (108) | 7/8 (22) | 3/4 (19) | 18-3/8 (467) | 5 (127) | 5-1/2 (140) | 1-3/8 (35) | 3 (76) | 14-1/2 (368) | 12 (305) | 5 (127) | 2-3/8 (60) | 3/8 (10) | 3/16 (5) | 9-1/2 (241) | - | 1/2 (13) | 26 (660) | 12-3/4 (324) | |
| 4 | 4"1824F | 15 | 5 | 3 | 10 (254) | 12 (305) | 11 (279) | 4-1/4 (108) | 7/8 (22) | 3/4 (19) | 21-1/8 (537) | 5 (127) | 5-1/2 (140) | 1-3/8 (35) | 3 (76) | 14-1/2 (368) | 13 (330) | 5-1/2 (140) | 2-3/8 (60) | 3/8 (10) | 3/16 (5) | 9-1/2 (241) | - | - | 26 (660) | 14 (356) | |
| 5 | 5"1822BF -CF/-DF | 11 | 6 | 4 | 10 (254) | 12 (305) | 11 (279) | 4-1/4 (108) | 7/8 (22) | 3/4 (19) | 19-3/4 (502) | 5 (127) | 5-1/2 (140) | 1-1/2 (38) | 3-1/2 (89) | 16 (406) | 11-1/4 (286) | 5-1/2 (140) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 11 (279) | - | 3/4 (19) | 28-1/2 (724) | 13-1/4 (337) | |
| 5 | 5"1823F | 15 | 6 | 4 | 10 (254) | 12 (305) | 12-1/2 (318) | 4-1/4 (108) | 7/8 (22) | 3/4 (19) | 22-1/2 (572) | 5 (127) | 6-1/4 (159) | 1-1/2 (38) | 3-1/2 (89) | 16 (406) | 13-1/4 (337) | 6-1/4 (159) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 11 (279) | - | - | 28-1/2 (724) | 15 (381) | 1-1/4 (32) |
| 5 | 5"1824F | 17 | 6 | 4 | 10 (254) | 12 (305) | 12-1/2 (318) | 4-1/4 (108) | 7/8 (22) | 3/4 (19) | 22-1/2 (572) | 5 (127) | 6-1/4 (159) | 1-1/2 (38) | 3-1/2 (89) | 16 (406) | 14 (356) | 6-1/4 (159) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 11 (279) | - | - | 28-1/2 (724) | 15 (381) | |
| 6 | 6"1822F | 11 | 8 | 4 | 10 (254) | 12 (305) | 12-1/2 (318) | 4-1/4 (108) | 7/8 (22) | 3/4 (19) | 21-7/8 (556) | 5 (127) | 6-1/4 (159) | 1-1/2 (38) | 3-1/2 (89) | 16 (406) | 11-3/4 (298) | 6-1/4 (159) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 11 (279) | - | 1-1/4 (32) | 28-1/2 (724) | 14-1/2 (368) | |
| 6 | 6"1822HHF | 11HH | 8 | 4A | 12 (305) | 14-1/2 (368) | 16-1/2 (419) | 5 (127) | 1-1/4 (32) | 7/8 (22) | 25-3/4 (654) | 6 (152) | 8-5/8 (219) | 1-1/2 (38) | 3-3/8 (86) | 18-1/8 (460) | 10 (254) | 8-5/8 (219) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 12-1/8 (308) | - | - | 32-7/8 (835) | 15 (381) | |
| 6 | 6"1823HHF | 14HH | 8 | 5A | 12 (305) | 14-1/2 (368) | 16-1/2 (419) | 5 (127) | 1-1/4 (32) | 7/8 (22) | 27 (686) | 6 (152) | 7-1/2 (191) | 1-3/4 (44) | 4-1/8 (105) | 18-1/2 (457) | 15 (381) | 7-1/2 (191) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 14-1/2 (368) | - | - | 36-3/4 (933) | 17 (432) | |
| 6 | 6"1823F -BF -CF | 15 | 8 | 5 | 12 (305) | 14 (356) | 13-1/2 (343) | 5 (127) | 1 (25) | 7/8 (22) | 24-7/8 (632) | 6 (152) | 6-3/4 (171) | 1-3/4 (44) | 4 (102) | 18 (457) | 14-1/4 (362) | 6-3/4 (171) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 12 (305) | - | 3/4 (19) | 32 (813) | 16-3/4 (425) | |
| 6 | 6"1824BF -CF | 18 | 8 | 5 | 12 (305) | 14 (356) | 14-3/4 (375) | 5 (127) | 3/4 (19) | 7/8 (22) | 27-1/4 (692) | 6 (152) | 8 (203) | 1-3/4 (44) | 4 (102) | 18 (457) | 16 (406) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 12 (305) | - | 3/4 (19) | 32 (813) | 18 (457) | | |
| 6 | 6"1825F | 20 | 8 | 5 | 12 (305) | 14 (356) | 14-3/4 (375) | 5 (127) | 1 (25) | 7/8 (22) | 27-3/4 (705) | 6 (152) | 8 (203) | 1-3/4 (44) | 4 (102) | 18 (457) | 15-3/4 (400) | 8 (203) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 12 (305) | - | 3/4 (19) | 32 (813) | 18 (457) | |
| 8 | 8"1822F | 12 | 10 | 5 | 12 (305) | 14 (356) | 14-3/4 (375) | 5 (127) | 1-1/4 (32) | 7/8 (22) | 26-3/8 (670) | 6 (152) | 8 (203) | 1-3/4 (44) | 4 (102) | 18 (457) | 17 (432) | 9 (229) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 12 (305) | 1-3/4 (34) | 2 (51) | 32 (813) | 17-3/4 (451) | |
| 8 | 8"1824BF | 17 | 10 | 5 | 12 (305) | 14 (356) | 14-3/4 (375) | 5 (127) | 1-1/4 (32) | 7/8 (22) | 27-1/8 (689) | 6 (152) | 8 (203) | 1-3/4 (44) | 4 (102) | 18 (457) | 17 (432) | 8 (203) | 2-7/8 (73) | 3/8 (10) | 3/16 (5) | 12 (305) | 19 (51) | 2 (51) | 32 (813) | 17-3/4 (451) | |
| 8 | 8"1825F -AF | 21 | 10 | 6B | 20 (508) | 17 (432) | 18-1/2 (470) | 9 (229) | 1 (25) | 15-1/4 (39) | 32-1/2 (826) | 7-1/2 (191) | 9-1/2 (241) | 2-1/8 (54) | 5-7/16 (138) | 21-7/8 (556) | 18 (457) | 9-1/2 (241) | 4-3/4 (121) | 1/2 (13) | 1/4 (6) | 14-3/8 (365) | - | - | 38 (965) | 21 (533) | 2 (51) |
| 8 | 8"1826F | 24 | 12 | 7 | 15 (381) | 22 (559) | 26 (660) | 6-1/2 (165) | 1-1/8 (29) | 7/8 (22) | 43-7/8 (1114) | 10 (254) | 15 (381) | 2-1/2 (64) | 6-5/8 (168) | 25-1/4 (641) | 20 (508) | 15 (381) | 5 (127) | 5/8 (16) | 5/16 (8) | 15-1/4 (387) | - | - | 43-7/8 (1114) | 25 (635) | 1-1/4 (32) |
| 10 | 10"1823CF | 15 | 12 | 6B | 15 (381) | 22 (559) | 25 (635) | 6-1/2 (165) | 1 (25) | 7/8 (22) | 38-1/2 (978) | 10 (254) | 13-1/2 (343) | 2-1/8 (54) | 5-7/16 (138) | 21-7/8 (556) | 17 (432) | 13-1/2 (343) | 4-3/4 (121) | 1/2 (13) | 1/4 (6) | 11-7/8 (301) | - | - | 38 (965) | 20 (508) | 1-1/4 (32) |
| 10 | 10"1824F | 18 | 12 | 6B | 15 (381) | 22 (559) | 25 (635) | 6-1/2 (165) | 1 (25) | 7/8 (22) | 39-1/2 (1003) | 10 (254) | 13-1/2 (343) | 2-1/8 (54) | 5-7/16 (138) | 21-7/8 (556) | 18 (457) | 13-1/2 (343) | 4-3/4 (121) | 1/2 (13) | 1/4 (6) | 11-7/8 (301) | - | - | 38 (965) | 22 (559) | |
| 10 | 10"1824DF | 18D | 12 | 7A | 15 (381) | 22 (559) | 25 (635) | 6-1/2 (165) | 1-1/4 (32) | 7/8 (22) | 40-1/2 (1029) | 10 (254) | 12-1/4 (311) | 2-1/8 (54) | 5 (127) | 24-1/4 (616) | 20 (508) | 12-1/4 (311) | 6-5/8 (168) | 1/2 (13) | 1/4 (6) | 14-1/4 (362) | - | - | 43 (1092) | 24 (610) | 2 (51) |
| 12 | 12"1824AF | 18 | 14 | 7 | 15 (381) | 22 (559) | 24 (610) | 6-1/2 (165) | 1 (25) | 7/8 (22) | 40-1/8 (1019) | 10 (254) | 15 (381) | 2-1/2 (64) | 6-5/8 (168) | 25-1/4 (641) | 18 (457) | 15 (381) | 5 (127) | 5/8 (16) | 5/16 (8) | 15-1/4 (387) | - | - | 43-7/8 (1114) | 23 (584) | |

NOTES

- All dimensions are in inches (mm).
- Dimensions may vary ± 3/8" (10).
- Not for construction purposes unless certified.
- Suction & discharge flanges ANSI Standard flat face.

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| | | |
|---|---|---|
| STD. 125# SUCTION AND DISCHARGE FLANGES | OPT. 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | OPT. 250# SUCTION AND DISCHARGE FLANGES |
|---|---|---|

* Pump sizes 6" 1822HHF & 6" 1823HHF are furnished as standard with 125# suction flange and 250# discharge flange.



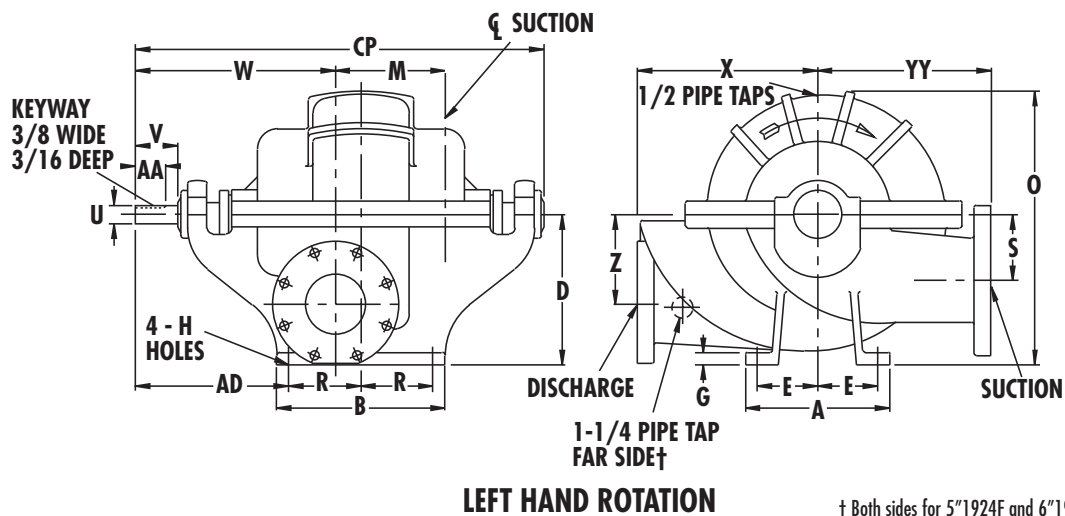
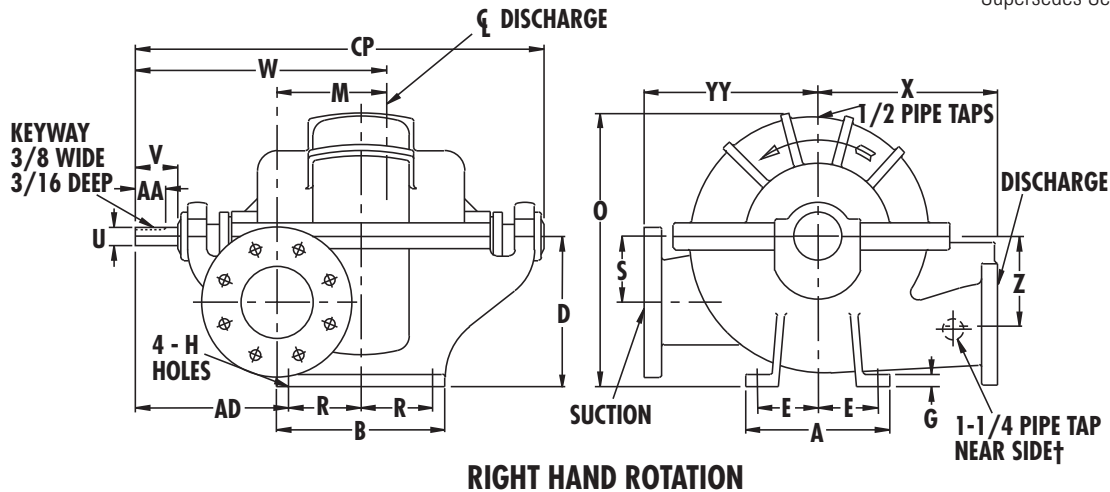
FAIRBANKS NIJHUIS™

MULTI-STAGE FIRE SERVICE

Date **April 2013**

Supersedes Section 912 Page 203

Dated July 2009



† Both sides for 5"1924F and 6"1924F

| PUMP SIZE | | | SUCTION | POWER SERIES | A | B | D | E | G | H | M | O | R | S | U | V | RIGHT HAND ROTATION | LEFT HAND ROTATION | X | Z | AA | AD | CP | YY |
|-----------|----------|-----------|---------|--------------|-------------|-------------|-----------------|----------------|-------------|-------------|----------------|-----------------|----------------|----------------|---------------|---------------|---------------------|--------------------|-------------|----------------|----------------|-----------------|-----------------|------------------|
| DISCH | MODEL | CASE BORE | | | | | | | | | | | | | | | W | W | | | | | | |
| 4 | 4"1922F | 15 | 5 | 3 | 10 (254) | 12 (304) | 11 (279) | 4-1/4 (108) | 7/8 (22) | 3/4 (19) | 7-1/8 (181) | 23 (584) | 5 (127) | 5 (127) | 1-3/8 (35) | 3 (76) | 18-7/8 (479) | 15-1/8 (384) | 13 (330) | 6-1/2 (165) | 2 (51) | 12 (304) | 31 (787) | 13-1/2 (343) |
| 5 | 5"1924F | 12 | 5 | 4A | 15 (381) | 16 (406) | 14 (356) | 6-1/2 (165) | 1 (25) | 7/8 (22) | 6-5/8 (168) | 24-1/4 (616) | 7 (179) | 7 (179) | 1-1/2 (38) | 3-5/8 (92) | 20-7/8 (530) | 18-1/8 (460) | 13 (330) | 7 (64) | 2-1/2 (318) | 12-1/2 (318) | 35-3/8 (899) | 13 (330) |
| 5 | 5"1922F | 15 | 6 | 4 | 12 (304) | 14 (356) | 12-1/2 (318) | 5 (127) | 1 (25) | 7/8 (22) | 9-1/8 (232) | 24-1/2 (622) | 6 (152) | 5-1/2 (140) | 1-1/2 (38) | 3-1/2 (89) | 21-1/8 (537) | 16-7/8 (429) | 15 (381) | 7-1/2 (191) | 2 (51) | 13 (330) | 34-1/2 (876) | 15-7/16 (392) |
| 6 | 6"1924F | 12 | 6 | 5A | 16 (406) | 19 (483) | 15 (381) | 7 (179) | 1 (25) | 7/8 (22) | 7-1/2 (191) | 26-1/4 (667) | 8-1/2 (216) | 8 (203) | 1-3/4 (44) | 4 (102) | 22-7/8 (581) | 19-5/8 (498) | 14 (356) | 8 (203) | 2-3/4 (70) | 12-3/4 (324) | 38-1/2 (978) | 14 (356) |
| 6 | 6"1923F | 16/16B | 8 | 5 | 12 (305) | 14 (356) | 16.50 (419) | 5 (127) | 1 (25) | .88 (22) | 10.50 (267) | 33.50 (851) | 6 (152) | 8.25 (210) | 1.75 (44) | 4 (102) | 23.63 (600) | 18.38 (467) | 19 (483) | 7.75 (197) | 2.88 (73) | 15 (381) | 37.88 (962) | 17 (432) |
| 6 | 6"1922AF | 17 | 8 | 5 | 12 (304) | 14 (356) | 14-3/4 (375) | 5 (127) | 1 (25) | 7/8 (22) | 11 (279) | 28-1/4 (718) | 6 (152) | 7 (179) | 1-3/4 (44) | 4 (102) | 24-1/2 (622) | 17-1/2 (445) | 16 (406) | 9 (229) | 2-7/8 (73) | 15 (381) | 38 (965) | 16-1/2 (419) |

NOTES

1. All dimensions are in inches (mm).
2. Dimensions may vary ± 3/8" (10).
3. Not for construction purposes unless certified.
4. Suction & discharge flanges ANSI Standard flat face.

| | |
|---------------------------|--|
| STD. *125# SUCTION FLANGE | OPT. *250# SUCTION AND DISCHARGE FLANGES |
|---------------------------|--|

* 150# AND 300# OR 300# AND 300# SUCTION AND DISCHARGE DUCTILE IRON FOR 5" 1924F AND 6" 1924F

Section **912** Page **204**

Date **April 2013**

Supersedes Section 912 Page 204
Dated November 2005

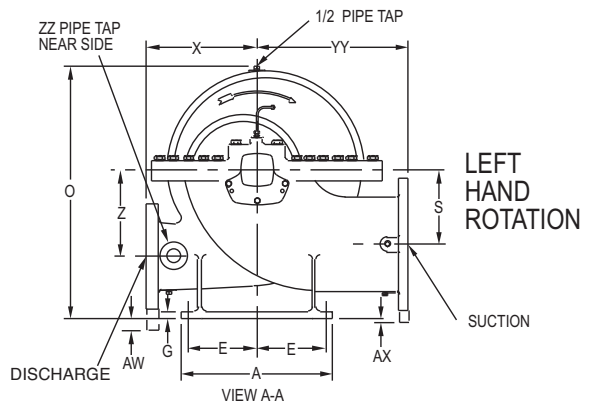
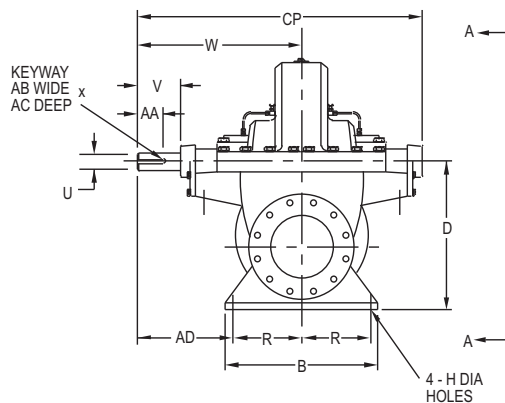
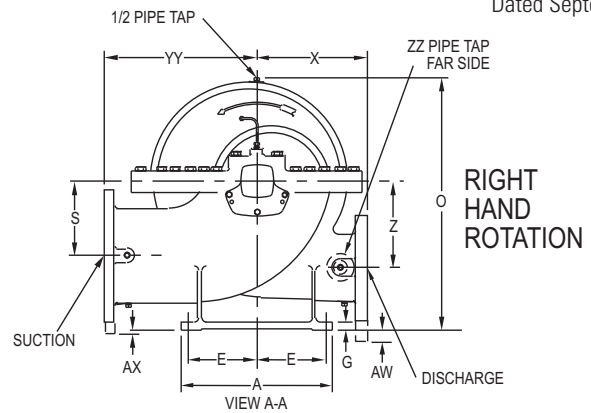
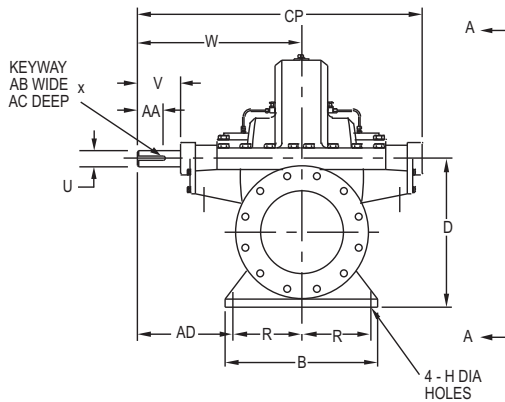
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SINGLE STAGE FIRE SERVICE

Date **April 2013**

Supersedes Section 912 Page 211

Dated September 2010



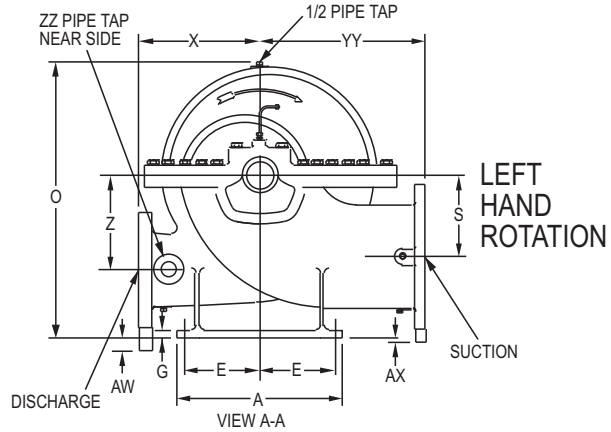
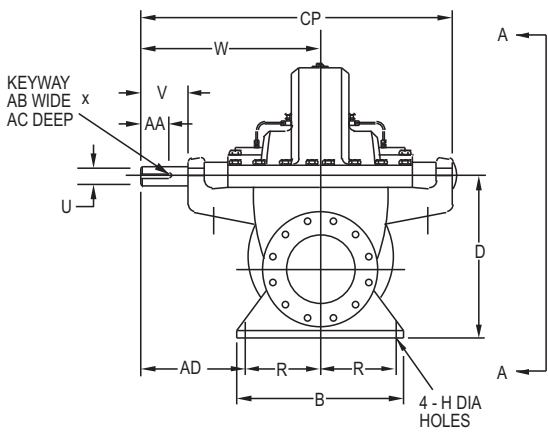
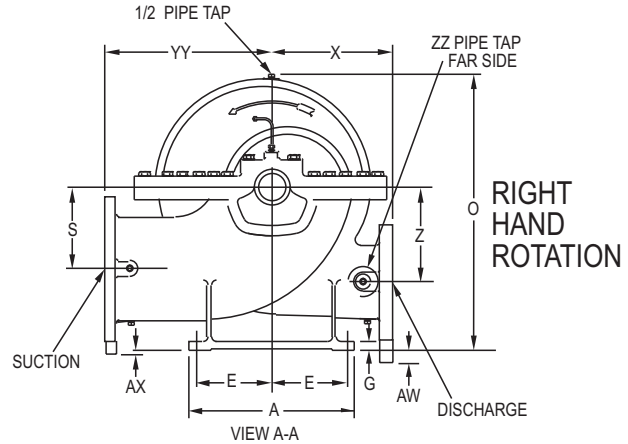
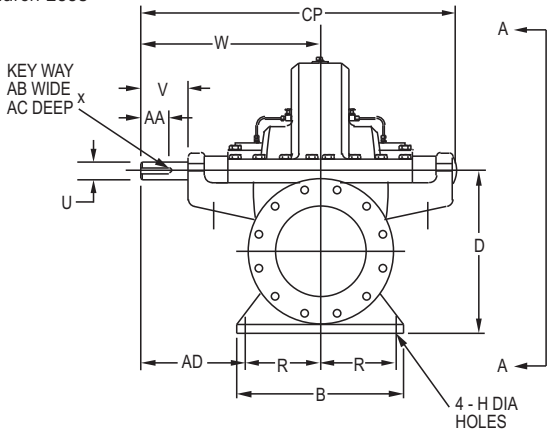
| PUMP SIZE | | | SUCTION | DIMENSIONS (INCHES) | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------------|-----------|---------|---------------------|--------------|--------------|-------------|------------|----------|---------------|-------------|--------------|------------|-------------|---------------|--------------|--------------|------------|----------|----------|---------------|----------|------------|----------------|--------------|-----|
| DISCH | MODEL | CASE BORE | | A | B | D | E | G | H | O | R | S | U | V | W | X | Z | AA | AB | AC | AD | AW | AX | CP | YY | ZZ |
| 3 | 3"2874AF-CF | 9A&C | 5 | 14-1/2 (368) | 14-1/2 (368) | 12 (304) | 6-1/4 (159) | 1 (25) | 7/8 (22) | 18-7/8 (479) | 6-1/4 (159) | 6-1/8 (156) | 1-1/8 (28) | 3-5/16 (84) | 14-5/8 (371) | 11 (279) | 6-1/8 (155) | 2-1/2 (63) | 1/4 (6) | 1/8 (3) | 8-3/8 (212) | - | - | 25-15/16 (658) | 12 (304) | |
| 4 | 4"2873AF | 8A | 6 | 11 (279) | 11 (245) | 9-3/4 (245) | 4-5/8 (117) | 3/4 (25) | 5/8 (16) | 16-1/8 (410) | 4-5/8 (117) | 5-3/4 (146) | 1-1/8 (28) | 3-1/4 (83) | 14-5/8 (371) | (254) | 5-1/2 (140) | 2-1/2 (63) | 1/4 (6) | 1/8 (3) | 10 (254) | 3/4 (19) | 2-1/4 (57) | 25-15/16 (658) | 11-1/4 (285) | |
| 4 | 4"2876AF-CF | 11A&C | 6 | 14-1/2 (368) | 14-1/2 (368) | 13-3/4 (349) | 6-1/4 (159) | 1 (25) | 7/8 (22) | 22 (559) | 6-1/4 (159) | 6-7/8 (174) | 1-1/2 (38) | 3-1/2 (88) | 16-5/8 (422) | 11-1/4 (285) | 7-1/8 (180) | 2-3/8 (60) | 3/8 (9) | 3/16 (4) | 10-3/8 (263) | - | - | 29-11/16 (754) | 14 (355) | 3/4 |
| 4 | 4"2823CF | 14C | 6 | 18 (457) | 18 (349) | 13-3/4 (203) | 8 (203) | 1-1/8 (28) | 7/8 (22) | 23-5/8 (600) | 8 (203) | 6-7/8 (174) | 1-1/2 (38) | 3-1/2 (88) | 17-5/8 (447) | 13 (330) | 8-3/8 (212) | 2-3/8 (60) | 3/8 (9) | 3/16 (4) | 9-5/8 (244) | - | - | 31-11/16 (804) | 15-1/4 (387) | |
| 5 | 5"2823AF | 14A | 8 | 18 (457) | 18 (412) | 16-1/4 (412) | 8 (203) | 1-1/8 (28) | 7/8 (22) | 27-1/16 (687) | 8 (203) | 8-1/4 (209) | 1-1/2 (38) | 3-1/2 (88) | 17-5/8 (447) | 13-1/2 (342) | 9-3/4 (247) | 2-3/8 (60) | 3/8 (9) | 3/16 (4) | 9-5/8 (244) | - | - | 31-11/16 (804) | 17-1/4 (438) | |
| 5 | 5"2824AF | 18A | 8 | 18 (457) | 18 (412) | 16-1/4 (412) | 8 (203) | 1-1/8 (28) | 7/8 (22) | 28-3/8 (720) | 8 (203) | 8-1/8 (206) | 2-1/8 (53) | 4-3/8 (111) | 18-7/8 (479) | 15 (381) | 10-5/8 (268) | 3-1/2 (88) | 1/2 (12) | 1/4 (6) | 10-7/8 (276) | - | - | 33-3/8 (847) | 18-3/4 (476) | |
| 6 | 6"2876AF | 12A | 6 | 14-1/2 (368) | 14-1/2 (368) | 13-3/4 (349) | 6-1/4 (159) | 1 (25) | 7/8 (22) | 22 (559) | 6-1/4 (159) | 6-7/8 (174) | 1-1/2 (38) | 3-1/2 (88) | 16-5/8 (422) | 20-1/2 (520) | 7-1/8 (180) | 2-3/8 (60) | 3/8 (9) | 3/16 (4) | 10-3/8 (263) | - | - | 29-11/16 (754) | 14 (355) | |
| 6 | 6"2823AF-CF | 14A&C | 10 | 18 (457) | 18 (476) | 18-3/4 (476) | 8 (203) | 1-1/8 (28) | 7/8 (22) | 30-1/16 (763) | 8 (203) | 9-3/8 (238) | 2-1/8 (53) | 4-3/8 (111) | 20-1/8 (511) | 13-1/4 (337) | 10 (254) | 3-1/2 (88) | 1/2 (12) | 1/4 (6) | 12-1/8 (308) | - | - | 35-7/8 (911) | 18 (457) | |
| 6 | 6"2824CF | 18C | 10 | 22 (558) | 22 (476) | 18-3/4 (476) | 10 (254) | 1-1/8 (28) | 7/8 (22) | 32 (813) | 10 (254) | 9-3/8 (238) | 2-1/8 (53) | 4-3/8 (111) | 20-1/8 (511) | 16 (406) | 11-3/4 (295) | 3-1/2 (88) | 1/2 (12) | 1/4 (6) | 10-1/8 (263) | - | - | 35-7/8 (911) | 20 (508) | |
| 6 | 6"2825AF | 19A | 10 | 22 (558) | 22 (476) | 18-3/4 (476) | 10 (254) | 1-1/8 (28) | 7/8 (22) | 33-5/16 (846) | 10 (254) | 9-3/8 (238) | 2-1/2 (63) | 6 (152) | 22-5/8 (574) | 18 (457) | 12-1/8 (307) | 4 (101) | 5/8 (15) | 5/16 (7) | 12-5/8 (320) | - | - | 39-1/4 (996) | 22 (558) | 1 |
| 8 | 8"2823AF | 14A | 12 | 22 (558) | 22 (546) | 21-1/2 (546) | 10 (254) | 1-1/8 (28) | 7/8 (22) | 33-5/8 (854) | 10 (254) | 10-3/4 (273) | 2-1/8 (53) | 4-3/8 (111) | 20-1/2 (520) | 16 (406) | 10-3/4 (273) | 3-1/2 (88) | 1/2 (12) | 1/4 (6) | 10-1/2 (266) | - | - | 36-5/8 (930) | 22 (558) | |
| 8 | 8"2824AF | 18A | 12 | 22 (558) | 22 (546) | 21-1/2 (546) | 10 (254) | 1-1/8 (28) | 7/8 (22) | 36 (914) | 10 (254) | 10-3/4 (273) | 2-1/2 (63) | 6 (152) | 23-3/4 (603) | 16 (406) | 12-1/2 (317) | 4 (101) | 5/8 (15) | 5/16 (7) | 13-3/4 (349) | - | - | 41-1/2 (1054) | 22 (558) | |
| 10 | 10"2825AF | 20 | 16 | 22 (558) | 22 (609) | 24 (609) | 10 (254) | 1-1/4 (31) | 7/8 (22) | 40-3/8 (1025) | 10 (254) | 13 (330) | 2-3/4 (69) | 6-1/2 (165) | 25-9/16 (649) | 23 (584) | 14-1/4 (361) | 5 (127) | 5/8 (15) | 5/16 (7) | 15-9/16 (395) | - | 1-3/4 (44) | 44-9/16 (1131) | 25 (635) | |

NOTES

- All dimensions are in inches.
- Dimensions may vary ± 3/8".
- Not for construction purposes unless certified.
- Suction & discharge flanges ANSI Standard flat face.

*STD. 125# SUCTION FLANGE, 250# DISCHARGE FLANGE FOR 6" 2876AF AND 10" 2825AF

| | | |
|--|---|---|
| STD. 125# SUCTION AND DISCHARGE FLANGES* | OPT. 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | OPT. 250# SUCTION AND DISCHARGE FLANGES |
|--|---|---|

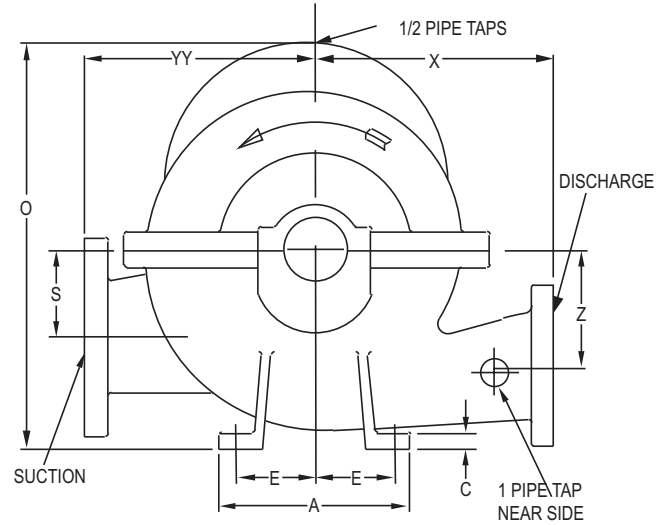
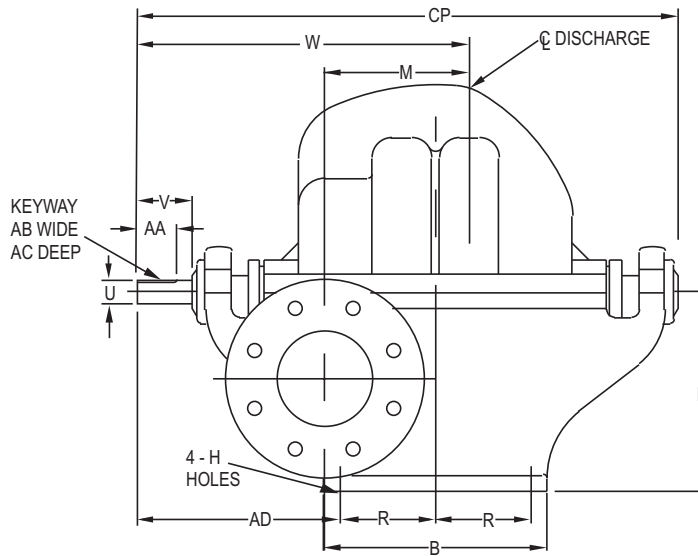


| PUMP SIZE | | | NO. DISCH | DIMENSIONS | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------|-----------|-----------|--------------|--------------|--------------|--------------|------------|------------|---------------|-------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|----------|----------|---------------|----|----------|-----------------|----------|-----|--|
| DISCH | MODEL | CASE BORE | | A | B | D | E | G | H | O | R | S | U | V | W | X | Z | AA | AB | AC | AD | AW | AX | CP | YY | ZZ | |
| 3 | 3"5876F | 10A | 4 | 12 (305) | 11-1/2 (292) | 10-1/2 (267) | 5-1/8 (130) | 2 (50) | 5/8 (16) | 17 (432) | 4-7/8 (124) | 5-1/2 (140) | 1-1/16 (27) | 3-7/8 (98) | 16-1/2 (419) | 10 (254) | 5-1/2 (140) | 3-3/8 (86) | 1/4 (6) | 1/8 (3) | 11-5/8 (295) | - | - | 29-3/16 (741) | 10 (254) | 1 | |
| 4 | 4"5876F | 10 | 6 | 13 (330) | 14 (355) | 13 (330) | 5-1/2 (139) | 1 (25) | 7/8 (22) | 20-5/16 (515) | 6 (152) | 6-1/2 (165) | 1-1/4 (31) | 4 (101) | 16-7/8 (428) | 10-1/4 (260) | 6-1/2 (165) | 2-1/4 (57) | 1/4 (6) | 1/8 (3) | 10-7/8 (276) | - | - | 29-13/16 (757) | 11 (279) | 3/4 | |
| 4 | 4"5823F | 14 | 5 | 14 (355) | 15 (381) | 12-1/2 (317) | 6 (152) | 2 (22) | 7/8 (22) | 21-3/4 (552) | 6-1/2 (165) | 7-3/8 (187) | 1-1/4 (31) | 3-5/8 (92) | 18-3/8 (466) | 13-1/2 (342) | 7-3/8 (187) | 2-5/8 (66) | 1/4 (6) | 1/8 (3) | 11-7/8 (301) | - | 3/8 (9) | 33-3/16 (842) | 14 (355) | 3/4 | |
| 4 | 4"5824F | 18 | 5 | 15 (381) | 16 (406) | 14-3/4 (374) | 6-1/2 (165) | 2 (22) | 7/8 (22) | 25-3/4 (654) | 7 (177) | 9-1/2 (241) | 1-1/4 (31) | 3-1/2 (88) | 18-3/8 (466) | 14 (355) | 9-1/2 (241) | 2-5/8 (66) | 1/4 (6) | 1/8 (3) | 11-3/8 (288) | - | 1/4 (6) | 33-1/4 (844) | 14 (355) | 3/4 | |
| 5 | 5"5876F | 10 | 8 | 16-1/2 (419) | 16-1/2 (419) | 16 (406) | 7 (177) | 1 (25) | 1-1/4 (31) | 23-5/8 (600) | 7 (177) | 8 (203) | 1-5/8 (41) | 4-5/8 (117) | 20 (508) | 12-1/2 (317) | 7 (177) | 4-3/16 (106) | 3/8 (9) | 3/16 (4) | 13 (406) | - | - | 35-1/2 (902) | 13 (330) | 3/4 | |
| 5 | 5"5824F | 18 | 6 | 18 (457) | 16 (406) | 16 (406) | 8 (203) | 2-1/4 (57) | 1 (25) | 27-3/4 (704) | 7 (177) | 10 (254) | 1-11/16 (42) | 4-15/16 (125) | 21 (533) | 14 (355) | 10 (254) | 4-1/8 (104) | 3/8 (9) | 3/16 (4) | 14 (355) | - | 1/4 (6) | 37-1/8 (942) | 14 (355) | 3/4 | |
| 6 | 6"5876F | 10 | 10 | 16-1/2 (419) | 16-1/2 (419) | 18 (457) | 7 (177) | 3/4 (19) | 1-1/4 (31) | 26-7/16 (671) | 7 (177) | 9 (228) | 1-5/8 (41) | 4-5/8 (117) | 20-5/8 (523) | 13 (330) | 7-1/2 (190) | 4-3/16 (106) | 3/8 (9) | 3/16 (4) | 13-5/8 (346) | - | - | 36-3/4 (933) | 15 (381) | 3/4 | |
| 6 | 6"5823F | 15 | 8 | 17-1/2 (444) | 20 (508) | 15-1/2 (394) | 7-3/4 (197) | 2-1/2 (63) | 1 (25) | 25-3/4 (654) | 9 (228) | 8-3/4 (222) | 1-11/16 (42) | 4-3/16 (106) | 22-1/2 (571) | 15.5 (394) | 8-3/4 (222) | 4-1/8 (104) | 3/8 (9) | 3/16 (4) | 13-5/8 (346) | - | 3/4 (19) | 40-1/4 (1022) | 15 (381) | 1 | |
| 8 | 8"5823F | 15 | 10 | 17-1/2 (444) | 20 (508) | 17-1/2 (444) | 7-3/4 (196) | 2-1/2 (63) | 1 (25) | 28-1/8 (714) | 9 (228) | 9-1/4 (234) | 1-11/16 (42) | 4-13/16 (122) | 22-1/2 (571) | 17 (431) | 9-1/4 (234) | 4-1/8 (104) | 3/8 (9) | 3/16 (4) | 13-1/2 (342) | - | 1/2 (12) | 40-1/4 (1022) | 17 (431) | 1 | |
| 10 | 10"5824F | 18 | 12 | 26 (660) | 24 (609) | 21-3/4 (552) | 10-1/2 (266) | 1-1/4 (31) | 1-1/4 (31) | 35-1/4 (895) | 9-1/2 (241) | 11-1/2 (292) | 2 (50) | 5-5/16 (134) | 25-9/16 (649) | 21 (533) | 11-1/2 (292) | 5 (127) | 1/2 (12) | 1/4 (6) | 16-1/16 (407) | - | - | 45-13/16 (1163) | 21 (533) | 1 | |

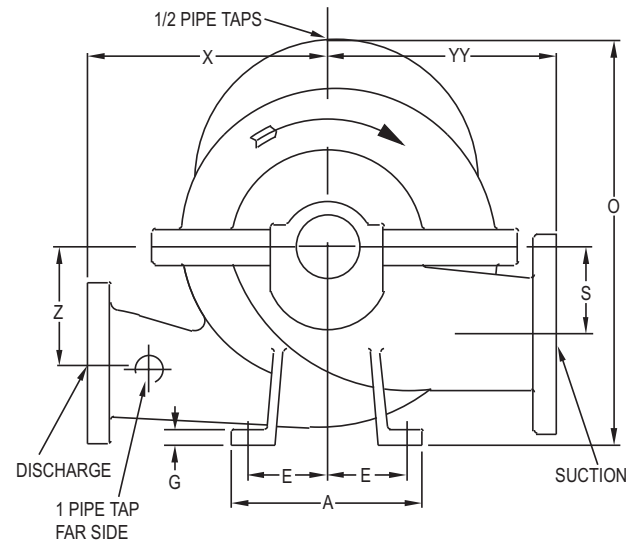
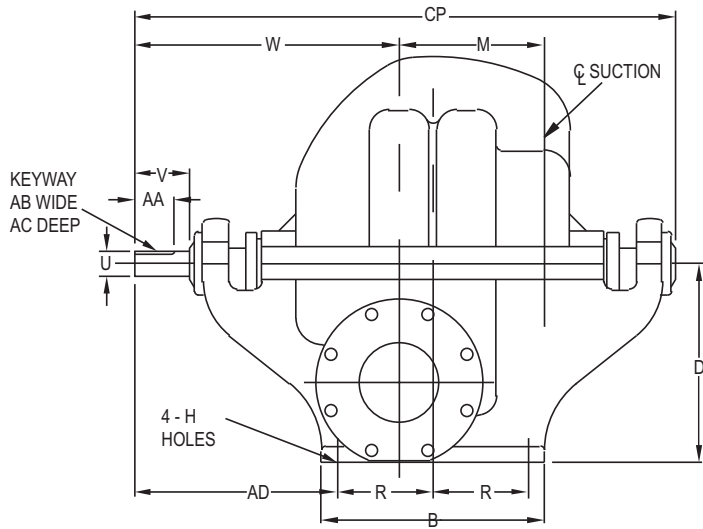
NOTES

- All dimensions are in inches.
- Dimensions may vary ± 3/8".
- Not for construction purposes unless certified.
- Suction & discharge flanges ANSI Standard flat face.

| | | |
|---|---|---|
| STD. 125# SUCTION AND DISCHARGE FLANGES | OPT. 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | OPT. 250# SUCTION AND DISCHARGE FLANGES |
|---|---|---|



RIGHT HAND ROTATION



LEFT HAND ROTATION

| PUMP SIZE | | | SUCTION | A | B | D | E | G | H | M | O | R | S | U | V | RIGHT | LEFT | X | Z | AA | AB | AC | AD | CP | YY |
|-----------|---------|-----------|---------|-------------|-------------|-----------------|----------------|---------------|---------------|-------------|-----------------|-------------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-------------|-------------|-----------------|------------------|-----------------|
| DISCH | MODEL | CASE BORE | | | | | | | | | | | | | | HAND | HAND | | | | | | | | |
| 5 | 5"5922F | 15 | 6 | 20 (508) | 24 (609) | 17 (431) | 9 (228) | 2 (50) | 7/8 (22) | 11 (279) | 27-3/4 (704) | 11 (279) | 9 (228) | 1-11/16 (42) | 5-7/16 (138) | 28-3/8 (720) | 23-3/8 (593) | 15 (381) | 9 (228) | 4 (101) | 3/8 (9) | 3/16 (4) | 14-7/8 (377) | 46-7/8 (1190) | 15 (381) |
| 6 | 6"5922F | 17 | 8 | 22 (558) | 27 (685) | 17-1/2 (444) | 9-3/4 (247) | 2-1/2 (63) | 1-1/8 (28) | 13 (330) | 35-3/8 (898) | 12 (304) | 9 (228) | 2-1/4 (57) | 4-5/8 (117) | 31-5/8 (803) | 25-1/8 (638) | 16-1/2 (419) | 10-1/2 (266) | 4-1/4 (107) | 1/2 (12) | 1/4 (6) | 16-3/8 (415) | 52-1/2 (1333) | 16-1/2 (419) |

NOTES

1. All dimensions are in inches.
2. Dimensions may vary $\pm 3/8"$.
3. Not for construction purposes unless certified.
4. Suction & discharge flanges ANSI Standard flat face.

| | |
|---|---|
| STD. 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | OPT. 250# SUCTION AND DISCHARGE FLANGES |
|---|---|

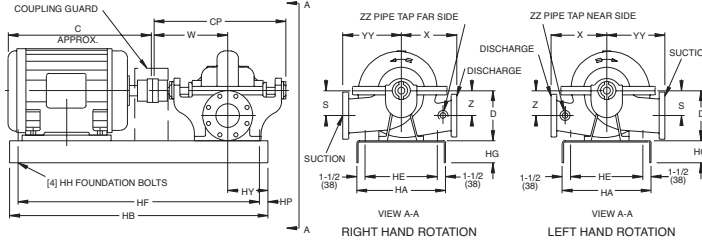
Section **912** Page **214**

Date **April 2013**

Supersedes Section 912 Page 214
Dated November 2005

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ON STANDARD STEEL BASE



| STANDARD 125# SUCTION AND DISCHARGE FLANGES | | | OPTIONAL 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | | | OPTIONAL 250# SUCTION AND DISCHARGE FLANGES | | | MOTOR FRAME | | C APPROX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|-----------|---|--------------|--------------|---|--------------|--------------|--------------|---------------|--------------|--------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| DISCH | MODEL | CASE BORE | SUCTION | POWER SERIES | D | S | W | X | Z | CP | HY | YY | ZZ | 215T | 254T | 256T | 284TS | 284T | 286TS | 324T | 324TS | 326TS | 326T | 364TS | 364T | 365TS | 365T | 404TS | 404T | 405TS | 405T | 444TS | 444T | 445TS | 445T | 447TS | 447T | 449TS | 449T | | |
| | | | | | | | | | | | | | | (457) | (533) | (584) | (609) | (609) | (635) | (635) | (660) | (660) | (711) | (736) | (711) | (761) | (761) | (838) | (888) | (863) | (964) | (914) | (1015) | (1015) | (1117) | (1117) | (1143) | (1143) | (1245) | (1245) | |
| 2-1/2 | 2.5" 1823BF | 10B | 3 | 2 | 8 (203) | 4 (102) | 13-1/2 (343) | 9-3/4 (247) | 4 (102) | 20 (609) | 5 (127) | 10 (254) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3" 1824F | 10 | 4 | 2 | 9* (228) | 4-1/2 (114) | 13-1/2 (343) | 10 (254) | 4-1/2 (114) | 24 (609) | 5 (127) | 11 (279) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4" 1823AF-CF | 11A | 5 | 3 | 10+ (254) | 5 (127) | 14-1/2 (368) | 11-1/4 (286) | 5 (124) | 26 (660) | 6 (152) | 12-3/4 (324) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4" 1823DF | 11D | 5 | 3 | 10+ (254) | 5-1/2 (140) | 14-1/2 (368) | 12 (305) | 5 (124) | 26 (660) | 6 (152) | 12-3/4 (324) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4" 1824F | 15 | 5 | 3 | 11 (279) | 5-1/2 (140) | 14-1/2 (368) | 13 (330) | 5-1/2 (140) | 26 (660) | 6 (152) | 14 (355) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5" 1822BF-CF | 11B | 6 | 4 | 11** (279) | 5-1/2 (140) | 16 (406) | 11-1/4 (286) | 5-1/2 (140) | 28-1/2 (723) | 6 (152) | 13-1/4 (336) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5" 1823F | 15 | 6 | 4 | 12-1/2 (217) | 6-1/4 (159) | 16 (406) | 13-1/4 (336) | 6-1/4 (159) | 26-1/2 (673) | 6 (152) | 15 (381) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5" 1824F | 17 | 6 | 4 | 12-1/2 (217) | 6-1/4 (159) | 16 (406) | 14 (355) | 6-1/4 (159) | 28-1/2 (723) | 6 (152) | 15 (381) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6" 1822F | 11 | 8 | 4 | 12-1/2 (217) | 8-5/8 (219) | 16 (406) | 11-3/4 (298) | 6-1/4 (159) | 28-1/2 (723) | 6 (152) | 14-1/2 (368) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6" 1822HHF | 11HH | 8 | 4A | 16-1/2 (419) | 8/5/8 (219) | 18-1/2 (460) | 10 (254) | 8-5/8 (219) | 32-7/8 (835) | 8 (203) | 15 (381) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6" 1823HHF | 14HH | 8 | 5A | 16-1/2 (419) | 7-1/2 (191) | 20-1/2 (519) | 15 (381) | 7-1/2 (191) | 36-3/4 (933) | 8 (203) | 17 (431) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6" 1823F -BF, -CF | 15 | 8 | 5 | 13-1/2 (343) | 6-3/4 (171) | 18 (457) | 14-1/4 (368) | 6-3/4 (171) | 32 (812) | 7 (178) | 16-3/4 (425) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6" 1824BF-CF | 18B | 8 | 5 | 14-3/4 (374) | 8 (203) | 18 (457) | 16 (406) | 8 (203) | 32 (812) | 7 (178) | 18 (457) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6" 1825F | 20 | 8 | 5 | 14-3/4 (374) | 8 (203) | 18 (457) | 15-3/4 (400) | 8 (203) | 32 (812) | 7 (178) | 18 (457) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8" 1822F | 12 | 10 | 6 | 14-3/4 (374) | 8 (203) | 18 (457) | 17 (431) | 9 (228) | 32 (812) | 7 (178) | 17-3/4 (450) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8" 1824BF | 17B | 10 | 6 | 14-3/4 (374) | 8 (203) | 18 (457) | 17 (431) | 8 (203) | 32 (812) | 7 (178) | 17-3/4 (450) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8" 1825F-AF | 21 | 10 | 6B | 18-1/2 (470) | 9-1/2 (241) | 21-7/8 (555) | 18 (457) | 9-1/2 (241) | 38 (964) | 11 (279) | 21 (533) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8" 1826F | 24 | 12 | 7 | 26 (660) | 15 (381) | 25-1/4 (641) | 20 (508) | 15 (381) | 43-7/8 (1114) | 11 (279) | 25 (635) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10" 1823CF | 15C | 12 | 6B | 25 (635) | 13-1/2 (343) | 21-7/8 (555) | 17 (431) | 13-1/2 (343) | 38 (964) | 11 (279) | 20 (508) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10" 1824F | 18 | 12 | 6B | 25 (635) | 13-1/2 (343) | 21-7/8 (555) | 18 (457) | 13-1/2 (343) | 38 (964) | 11 (279) | 22 (558) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10" 1824DF | 18D | 12 | 7A | 25 (635) | 12-1/4 (311) | 24-1/4 (616) | 20 (508) | 12-1/4 (311) | 43 (1092) | 11-1/2 (292) | 24 (610) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 12" 1824AF | 18A | 14 | 7 | 29 (69) | 15 (381) | 25-1/4 (615) | 18 (457) | 15 (381) | 44 (1117) | 11 (279) | 23 (584) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

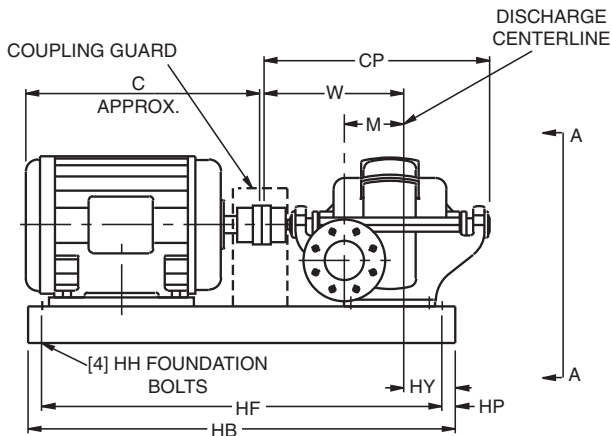
| BASE | HA | HB | HE | HG | HH | HF | HP |
|------|----------|-----------|----------|------------|----------|-----------|----------|
| 5 | 12 (305) | 38 (964) | 9 (228) | 3 (76) | 1/2 (13) | 17 (431) | 20 (508) |
| 7 | 13 (330) | 42 (1066) | 10 (254) | 4 (101) | 5/8 (15) | 17 (431) | 24 (609) |
| 9 | 15 (381) | 44 (1117) | 12 (305) | 3-3/8 (86) | 5/8 (15) | 19 (482) | 24 (609) |
| 10 | 18 (457) | 44 (1117) | 15 (381) | 4 (101) | 5/8 (15) | 42 (1066) | 1 (25) |
| 11 | 18 (457) | 48 (1219) | 15 (381) | 4 (101) | 5/8 (15) | 46 (1168) | 1 (25) |
| 12 | 18 (457) | 54 (1371) | 15 (381) | 4 (101) | 5/8 (15) | 52 (1320) | 1 (25) |
| 13 | 18 (457) | 60 (1524) | 15 (381) | 4 (101) | 5/8 (15) | 35 (888) | 24 (609) |
| 14 | 18 (457) | 65 (1651) | 15 (381) | 4 (101) | 5/8 (15) | 40 (1015) | 24 (609) |
| 15 | 22 (558) | 60 (1524) | 19 (482) | 4 (101) | 5/8 (15) | 58 (1473) | 1 (25) |
| 16 | 22 (558) | 72 (1828) | 19 (482) | 4 (101) | 5/8 (15) | 70 (1778) | 1 (25) |
| 17 | 22 (558) | 84 (2133) | 19 (482) | 4 (101) | 5/8 (15) | 82 (2082) | 1 (25) |

NOTES

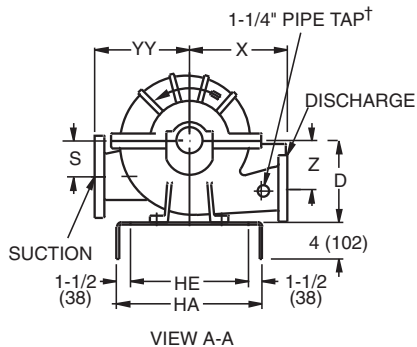
- All dimensions are in inches.
- Dimensions may vary ± 3/8".
- Not for construction purposes unless certified.
- Coupling gap may vary 1/8" thru 2-1/16".
- Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
- Suction and discharge flanges are ANSI standard flat face.
 - D is 9.0" when using frames 364TS and

365TS.

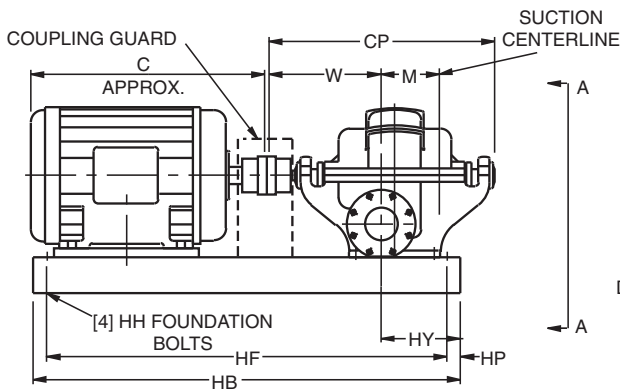
- * D is 10-1/2" when using frames 324TS - 365TS.
- ** D is 12 when using frames 404TS - 445TS.
- *** Pump sizes 6"1822HHF & 6"1823HHF are furnished as standard with 125# suction flange & 250# discharge flange.
- + D is 10-1/2" when using frames 404TS - 405T and D is 11 when using frames 444TS - 445TS.



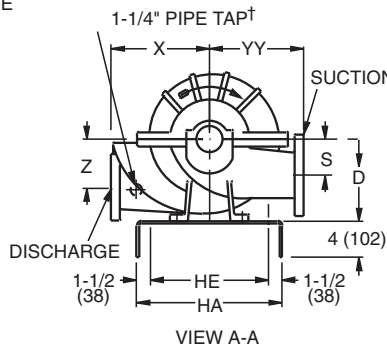
RIGHT HAND ROTATION



† PIPE TAP ON BOTH SIDES OF 5\"/>



LEFT HAND ROTATION



| PUMP SIZE | | STANDARD* 125# SUCTION AND 250# DISCHARGE FLANGE | | | | | | | | | | OPTIONAL* 250# SUCTION AND DISCHARGE FLANGES | | | | | | | | | | MOTOR FRAME | | | | | | | | | |
|-----------|-------|--|--------------|---|---|---|-----------------------|----------------------|---|---|----|--|-----------------------|----|---|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|--------------|-------------|--|--|
| DISCH | MODEL | CASE BORE SUCTION | POWER SERIES | D | M | S | RIGHT HAND ROTATION W | LEFT HAND ROTATION W | X | Z | CP | RIGHT HAND ROTATION HY | LEFT HAND ROTATION HY | YY | C | 326TS (660) | 326T (711) | 364TS (685) | 364T (736) | 365TS (711) | 365T (761) | 404TS (838) | 404T (812) | 405TS (914) | 405T (863) | 445TS (914) | 445T (991) | 447TS (1143) | 447T (1143) | | |
| 4 | 4\"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| BASE | SIZE | HA | HB | HE | HF | HH | HP |
|------|-------------|----------|-----------|----------|-----------|----------|----------|
| 12 | 18x54 (558) | 18 (457) | 54 (1372) | 15 (381) | 52 (1321) | 5/8 (16) | 1 (25) |
| 13 | 18x60 (660) | 18 (457) | 60 (1524) | 15 (381) | 35 (889) | 5/8 (16) | 24 (609) |
| 15 | 22x60 (660) | 22 (559) | 60 (1524) | 19 (483) | 58 (1473) | 3/4 (19) | 1 (25) |
| 16 | 22x72 (660) | 22 (559) | 72 (1829) | 19 (483) | 70 (1777) | 5/8 (16) | 1 (25) |
| 17 | 22x84 (660) | 22 (559) | 84 (2134) | 19 (483) | 80 (2083) | 5/8 (16) | 1 (25) |

NOTES

1. All dimensions are in inches (mm).
2. Dimensions may vary ± 3/8" (10).
3. Not for construction purposes unless certified.
4. Coupling gap may vary 1/8" thru 1".
5. Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
6. Suction and discharge flanges are ANSI standard flat face.

* 150# AND 300# OR 300# AND 300# SUCTION AND DISCHARGE DUCTILE IRON FOR 5\"/>

FAIRBANKS NIJHUIS™ MODEL 2800 PUMPS

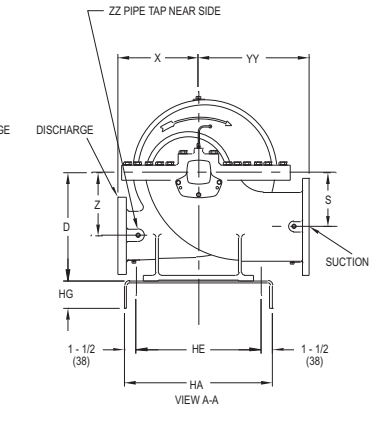
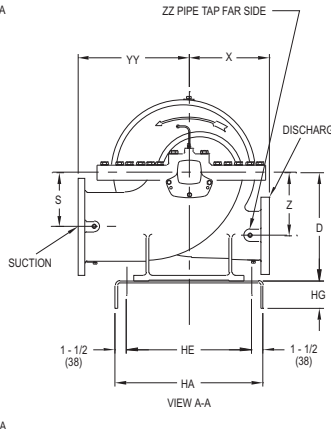
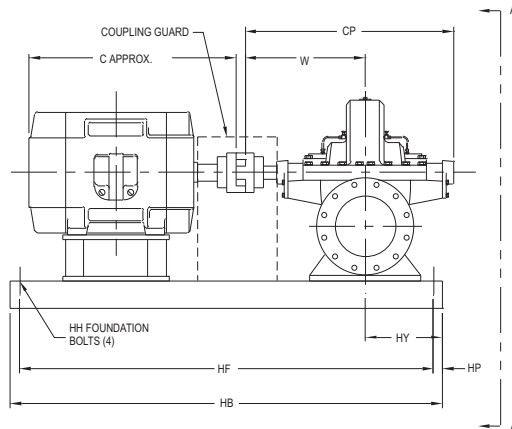
Section **912** Page **241**

ON STANDARD STEEL BASE

Date **April 2013**

Supersedes Section 912 Page 241

Dated April 2006



RIGHT HAND ROTATION

LEFT HAND ROTATION

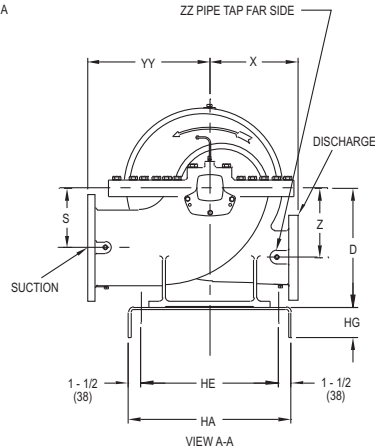
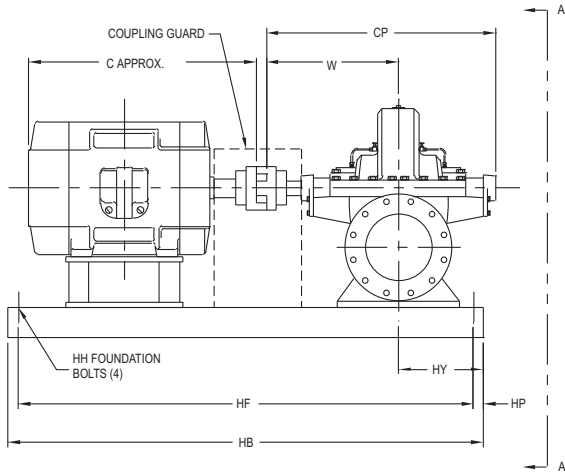
| PUMP SIZE | | STANDARD* 125# SUCTION AND DISCHARGE FLANGES | OPTIONAL 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | OPTIONAL 250# SUCTION AND DISCHARGE FLANGES | MOTOR FRAME | 254T | 256T | 284TS | 284T | 286TS | 286T | 324TS | 324T | 326T | 364TS | 364T | 365TS | 365T | 404TS | 404T | 405TS | 405T | 444TS | 444T | 445TS | 445T | 447TS | 447T | 449TS | 449T | | |
|-----------|-----------------|--|---|---|-----------------|------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------|--------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|----|----|
| DISCH | MODEL | CASE BORE | SUCTION | D | S | W | X | Z | CP | HY | YY | ZZ | APPROX | C | | | | | | | | | | | | | | | | | | |
| 3 | 3"2874AF-CF | 9A&C | 5 | 12 (304) | 6-1/8 (155) | 14-5/8 (371) | 11 (279) | 6-1/8 (155) | 25-15/16 (658) | 10 (254) | 12 (304) | 3/4 | BASE | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| 4 | 4"2873AF | 8A | 6 | 11 (279) | 5-3/4 (146) | 14-5/8 (371) | 10 (254) | 5-1/2 (140) | 25-15/16 (698) | 8 (203) | 11-1/8 (286) | 3/4 | BASE | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| 4 | 4"2876AF -CF | 11A&C | 6 | 13-3/4 (349) | 6-7/8 (174) | 16-5/8 (422) | 11-1/4 (285) | 7-1/8 (180) | 29-11/16 (754) | 10 (254) | 12 (355) | 3/4 | BASE | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| 4 | 4"2823CF | 14C | 6 | 13-3/4 (349) | 6-7/8 (174) | 17-5/8 (447) | 13 (330) | 8-3/8 (212) | 31-11/16 (804) | 12 (304) | 15-1/4 (387) | 3/4 | BASE | - | - | - | - | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | |
| 5 | 5"2823AF | 14A | 8 | 16-1/4 (412) | 8-1/4 (209) | 17-5/8 (447) | 13-1/2 (342) | 9-3/4 (247) | 31-11/16 (804) | 12 (304) | 17-1/4 (438) | 1 | BASE | - | - | - | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | |
| 5 | 5"2824AF | 18A | 8 | 16-1/4 (412) | 8-1/8 (206) | 18-7/8 (479) | 15 (381) | 10-5/8 (269) | 33-3/8 (847) | 12 (304) | 18-3/4 (476) | 1 | BASE | - | - | - | - | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | |
| 6 | 6"2876AF | 12A | 6 | 13-3/4 (349) | 6-7/8 (174) | 16-5/8 (422) | 20-1/2 (520) | 7-1/8 (180) | 29-11/16 (754) | 10 (254) | 14 (355) | 1 | BASE | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| 6 | 6"2823CF | 14C | 10 | 18-3/4 (476) | 9-3/8 (238) | 20-1/8 (511) | 13-1/4 (336) | 10 (254) | 35-7/8 (911) | 12 (304) | 18 (457) | 1 | BASE | - | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | |
| 6 | 6"2824CF | 18C | 10 | 18-3/4 (476) | 9-3/8 (238) | 20-1/8 (511) | 16 (406) | 11-3/4 (298) | 35-7/8 (911) | 13-1/2 (342) | 20 (508) | 1 | BASE | - | - | - | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 6 | 6"2825AF | 19A | 10 | 18-3/4 (476) | 9-3/8 (238) | 22-5/8 (574) | 18 (457) | 12-1/8 (307) | 39-1/4 (996) | 13-1/2 (342) | 22 (558) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 22 | 22 | 22 | 22 |
| 8 | 8"2823AF | 14A | 12 | 21-1/2 (546) | 10-3/4 (273) | 20-1/2 (520) | 16 (406) | 10-3/4 (273) | 36-5/8 (930) | 13-1/2 (342) | 22 (558) | 1 | BASE | - | - | - | - | - | - | - | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| 8 | 8"2824AF | 18A | 12 | 21-1/2 (546) | 10-3/4 (273) | 23-3/4 (603) | 16 (406) | 12-1/2 (317) | 41-1/2 (1054) | 13-1/2 (342) | 22 (558) | 1 | BASE | - | - | - | - | - | - | - | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| 10 | 10"2825AF | 20 | 16 | 24 (609) | 13 (330) | 25-9/16 (649) | 23 (584) | 14-1/4 (361) | 44-9/16 (1131) | 15 (381) | 25 (635) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | 23 | 24 | 24 |

| BASE | HA | HB | HE | HG | HH | HF | HP |
|------|-------------|--------------|-------------|----------------|-------------|--------------|-----------|
| 11 | 18 (457) | 48 (1219) | 15 (381) | 4 (101) | 5/8 (15) | 46 (1168) | 1 (25) |
| 12 | 18 (457) | 54 (1371) | 15 (381) | 4 (101) | 5/8 (15) | 52 (1320) | 1 (25) |
| 13A | 18 (457) | 60 (1524) | 15 (381) | 4 (101) | 5/8 (15) | 58 (1473) | 1 (25) |
| 14A | 18 (457) | 65 (1651) | 15 (381) | 4 (101) | 5/8 (15) | 63 (1600) | 1 (25) |
| 15 | 22 (558) | 60 (1524) | 19 (482) | 4 (101) | 5/8 (15) | 58 (1473) | 1 (25) |
| 16 | 22 (558) | 72 (1828) | 19 (482) | 4 (101) | 5/8 (15) | 70 (1778) | 1 (25) |
| 21 | 24 (609) | 66 (1676) | 21 (533) | 4 (101) | 5/8 (15) | 64 (1625) | 1 (25) |
| 22 | 24 (609) | 78 (1981) | 21 (533) | 4 (101) | 5/8 (15) | 76 (1930) | 1 (25) |
| 23 | 26 (660) | 84 (2133) | 23 (584) | 4-1/2 (114) | 5/8 (15) | 82 (2082) | 1 (25) |
| 24 | 26 (660) | 96 (2438) | 23 (584) | 4-1/2 (114) | 5/8 (15) | 94 (2387) | 1 (25) |

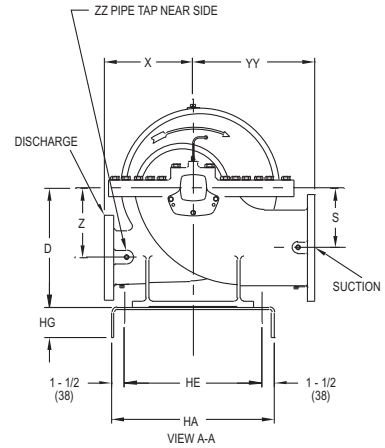
NOTES

- All dimensions are in inches.
- Dimensions may vary $\pm 3/8"$.
- Not for construction purposes unless certified.
- Coupling gap may vary 1/8" thru 3".
- Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
- Suction and discharge flanges are ANSI standard flat face.
- Structural steel bases are used for pumps with motor frames larger than 449T (refer to factory)

*STD 125# SUCTION FLANGE AND 250# DISCHARGE FLANGE FOR 6"2876AF AND 10"2825AF



RIGHT HAND ROTATION



LEFT HAND ROTATION

| STANDARD 125# SUCTION AND DISCHARGE FLANGES | | | OPTIONAL 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | | | OPTIONAL 250# SUCTION AND DISCHARGE FLANGES | | | MOTOR FRAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|-----------|---|--------------|--------------|---|--------------|--------------|-----------------|----------|--------------|-----|--------|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------------|--------------|-------------|--------------|-------------|----|----|----|----|
| PUMP SIZE | | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISCH | MODEL | CASE BORE | SUCTION | D | S | W | X | Z | CP | HY | YY | ZZ | APPROX | 254T (533) | 256T (584) | 284TS (558) | 284T (609) | 286TS (609) | 286T (635) | 324TS (635) | 324T (660) | 326TS (660) | 326T (711) | 364TS (736) | 364T (736) | 365TS (711) | 365T (762) | 404TS (838) | 404T (838) | 405TS (812) | 405T (889) | 444TS (863) | 444T (965) | 445TS (914) | 445T (1016) | 447TS (1016) | 447T (1117) | 449TS (1143) | 449T (1244) | | | | |
| 3 | 3"5876F | 10A | 4 | 10-1/2 (267) | 5-1/2 (140) | 16-1/2 (419) | 10 (254) | 5-1/2 (140) | 29-3/16 (757) | 7 (178) | 10 (254) | 1 | BASE | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 4 | 4"5876F | 10 | 6 | 13 (330) | 6-1/2 (165) | 16-7/8 (428) | 10-1/4 (260) | 6-1/2 (165) | 29-13/16 (757) | 10 (254) | 11 (279) | 3/4 | BASE | - | - | - | - | - | - | 13A | 13A | 13A | 13A | 13A | 13A | 13A | 13A | 15 | 15 | 15 | 16 | - | - | - | - | - | - | - | - | - | - | - | |
| 4 | 4"5823F | 14 | 5 | 12-1/2 (317) | 7-3/8 (187) | 18-3/8 (466) | 13-1/2 (342) | 7-3/8 (187) | 33-3/16 (842) | 10 (254) | 14 (355) | 3/4 | BASE | - | 12 | 12 | 12 | 13A | 13A | 13A | 13A | 13A | 13A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 4 | 4"5824F | 18 | 5 | 14-3/4 (374) | 9-1/2 (241) | 18-3/8 (466) | 14 (355) | 9-1/2 (241) | 33-1/4 (844) | 11 (279) | 14 (355) | 3/4 | BASE | - | - | - | - | - | - | - | 13A | 13A | 13A | 13A | 14A | 14A | 16 | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 5 | 5"5876F | 10 | 8 | 16 (406) | 8 (203) | 20 (508) | 12-1/2 (317) | 7 (178) | 35-1/2 (902) | 11 (279) | 13 (330) | 1 | BASE | 12 | 12 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | - | - | - | - | - | |
| 5 | 5"5824F | 18 | 6 | 16 (406) | 10 (254) | 21 (533) | 14 (355) | 10 (254) | 37-1/8 (942) | 11 (279) | 14 (355) | 1 | BASE | - | - | - | - | - | - | - | 15 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 6 | 6"5876F | 10 | 10 | 18 (457) | 9 (228) | 20-5/8 (523) | 13 (330) | 7-1/2 (190) | 36-3/4 (933) | 11 (279) | 15 (381) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 6 | 6"5823F | 15 | 8 | 15-1/2 (394) | 8-3/4 (222) | 22-1/2 (571) | 15 (381) | 8-3/4 (222) | 40-1/4 (1022) | 13 (330) | 15-1/2 (394) | 1 | BASE | - | - | - | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 8 | 8"5823F | 15 | 10 | 17-1/2 (444) | 9-1/4 (234) | 22-1/2 (571) | 17 (431) | 9-1/4 (234) | 40-1/4 (1022) | 13 (330) | 17 (431) | 1 | BASE | - | - | - | - | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 10 | 10"5824F | 18 | 12 | 21-3/4 (552) | 11-1/2 (292) | 25-9/16 (649) | 21 (533) | 11-1/2 (292) | 45-13/16 (1163) | 15 (381) | 21 (533) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | 23 | 24 | 24 | | |

| BASE | HA | HB | HE | HG | HH | HF | HP |
|------|----------|-----------|----------|-------------|----------|-----------|--------|
| 11 | 18 (457) | 48 (1219) | 15 (381) | 4 (101) | 5/8 (15) | 46 (1168) | 1 (25) |
| 12 | 18 (457) | 54 (1371) | 15 (381) | 4 (101) | 5/8 (15) | 52 (1320) | 1 (25) |
| 13A | 18 (457) | 60 (1524) | 15 (381) | 4 (101) | 5/8 (15) | 58 (1473) | 1 (25) |
| 14A | 18 (457) | 65 (1651) | 15 (381) | 4 (101) | 5/8 (15) | 63 (1600) | 1 (25) |
| 15 | 22 (558) | 60 (1524) | 19 (482) | 4 (101) | 5/8 (15) | 58 (1473) | 1 (25) |
| 16 | 22 (558) | 72 (1828) | 19 (482) | 4 (101) | 5/8 (15) | 70 (1778) | 1 (25) |
| 17 | 22 (558) | 84 (2133) | 19 (482) | 4 (101) | 5/8 (15) | 82 (2082) | 1 (25) |
| 23 | 26 (660) | 84 (2133) | 23 (584) | 4-1/2 (114) | 5/8 (15) | 82 (2082) | 1 (25) |
| 24 | 26 (660) | 96 (2438) | 23 (584) | 4-1/2 (114) | 5/8 (15) | 94 (2387) | 1 (25) |

NOTES

1. All dimensions are in inches.
2. Dimensions may vary ± 3/8".
3. Not for construction purposes unless certified.
4. Coupling gap may vary 1/8" thru 3".
5. Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
6. Suction and discharge flanges are ANSI standard flat face.
7. Structural steel bases are used for pumps with motor frames larger than 449T (refer to factory)

FAIRBANKS NIJHUIS™ MODEL 5900 PUMPS

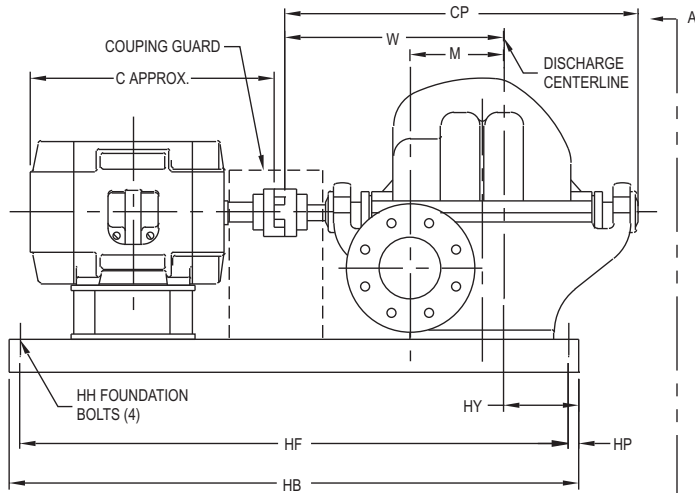
ON STANDARD STEEL BASE

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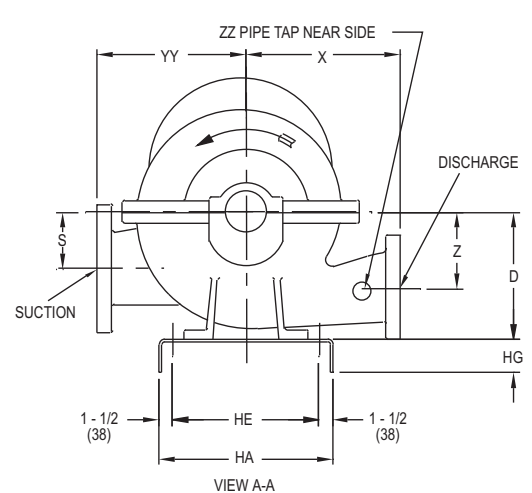
Date **April 2013**

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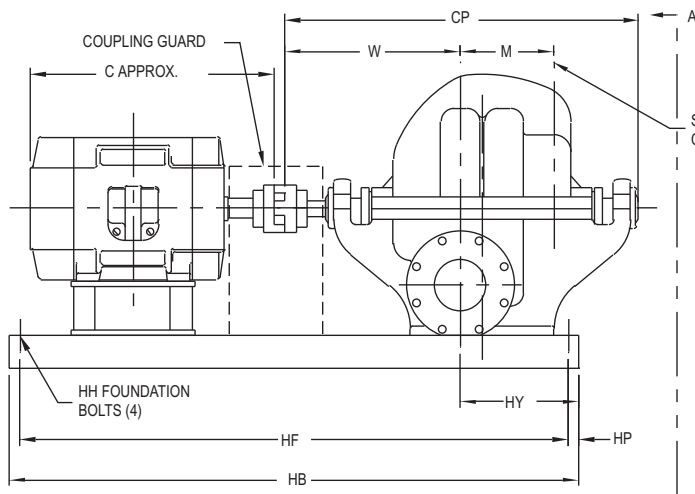
Dated November 2005



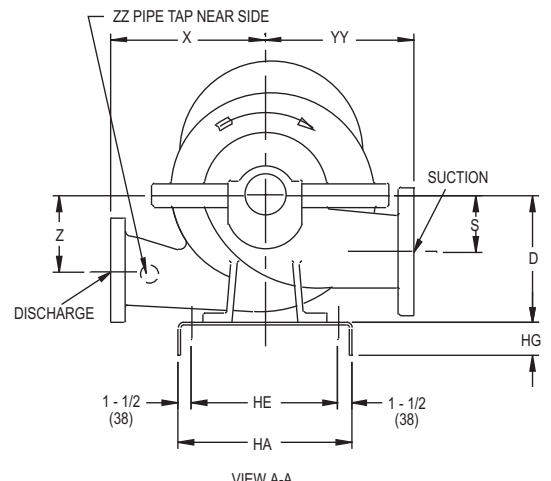
RIGHT HAND ROTATION



VIEW A-A



LEFT HAND ROTATION



VIEW A-A

| PUMP SIZE | | STANDARD 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | | | | | | | | | | | OPTIONAL 250# SUCTION AND DISCHARGE FLANGE | | | | | | | | | | | MOTOR FRAME | | | | |
|-----------|---------|---|---------|-----------------|-------------|------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|--|-----------------|----|----------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|------|
| DISCH | MODEL | CASE BORE | SUCTION | D | M | S | RIGHT HAND W | LEFT HAND W | X | Z | CP | RIGHT HAND HY | LEFT HAND HY | YY | ZZ | C APPROX | 404TS | 404T | 405TS | 405T | 444TS | 444T | 445TS | 445T | 447TS | 447T | 449TS | 449T |
| 5 | 5"5922F | 15 | 6 | 17 (431) | 11 (279) | 9 (228) | 28-3/8 (720) | 23-3/8 (593) | 15 (381) | 9 (228) | 46-7/8 (1190) | 13-1/2 (342) | 18-1/2 (469) | 15 (381) | 1 | BASE | 17 (762) | 17 (838) | 17 (812) | 17 (889) | - | - | - | - | - | - | - | - |
| 6 | 6"5922F | 17 | 8 | 17-1/2 (444) | 13 (330) | 9 (228) | 31-5/8 (803) | 25-1/8 (638) | 16-1/2 (419) | 10-1/2 (266) | 52-1/2 (1333) | 12-3/4 (323) | 19-1/4 (488) | 16-1/2 (419) | 1 | BASE | - | - | - | - | 23 (863) | 23 (914) | 23 (1016) | 23 (1016) | 24 (1117) | 24 (1143) | 24 (1244) | 24 |

NOTES

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- Coupling gap may vary 1/8" thru 3".
- Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
- Suction and discharge flanges are ANSI standard flat face.

| BASE | HA | HB | HE | HG | HH | HF | HP |
|------|-------------|--------------|-------------|----------------|-------------|--------------|-----------|
| 17 | 22 (558) | 84 (2133) | 19 (482) | 4 (101) | 5/8 (15) | 82 (2082) | 1 (25) |
| 23 | 26 (660) | 84 (2133) | 23 (584) | 4-1/2 (114) | 5/8 (15) | 82 (2082) | 1 (25) |
| 24 | 26 (660) | 96 (2438) | 23 (584) | 4-1/2 (114) | 5/8 (15) | 94 (2387) | 1 (25) |

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Date **April 2013**

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Dated November 2005

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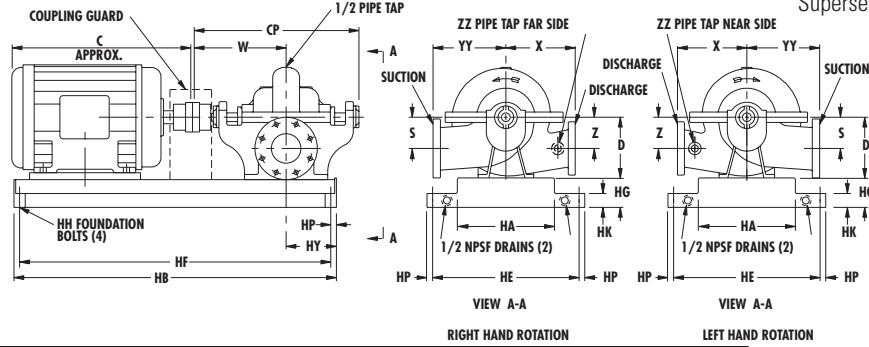
FAIRBANKS NIJHUIS® MODEL 1800 PUMPS

ON STEEL DRIP RIM BASE

Date July 2017

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Dated April 2013

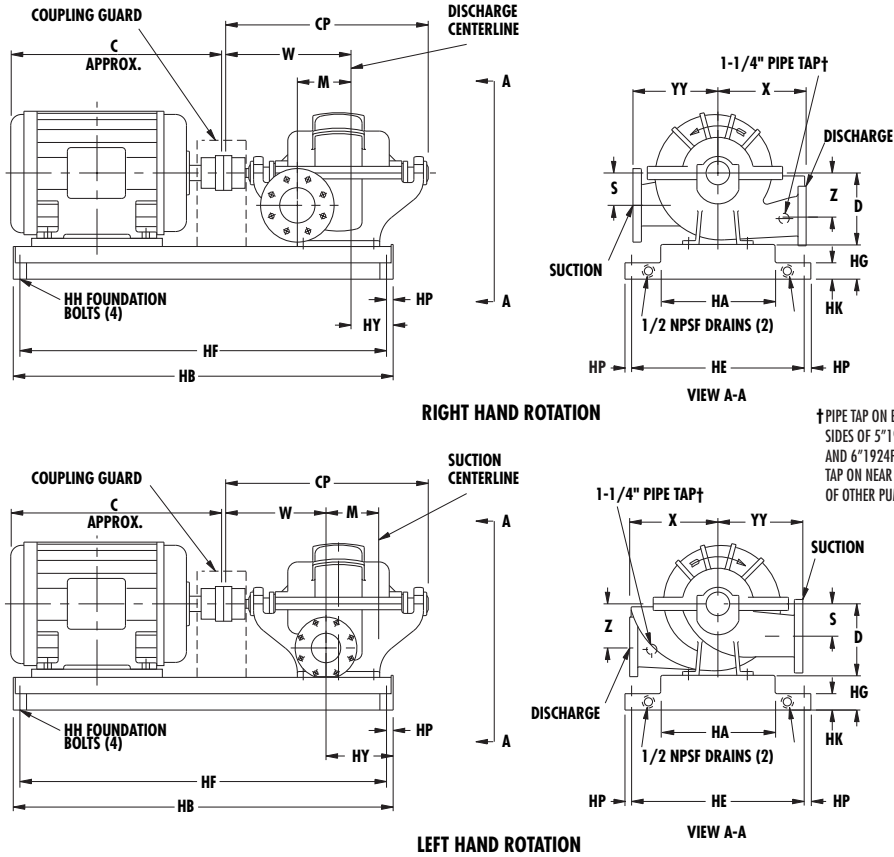


| BASE | SIZE | HA | HB | HE | HF | HG | HH | HK | HP |
|------|-------|----------|---------------|--------------|---------------|-------------|----------|------------|------------|
| 5 | 11x36 | 11 (279) | 36-1/2 (926) | 15-7/8 (403) | 35-1/8 (891) | 3 (76) | 1/2 (13) | 1-1/2 (38) | 11/16 (17) |
| 6 | 11x42 | 11 (279) | 42-1/2 (1079) | 15-7/8 (403) | 41-1/8 (1044) | 3 (76) | 1/2 (13) | 1-1/2 (38) | 11/16 (17) |
| 8 | 14x42 | 14 (355) | 42-1/2 (1079) | 19 (482) | 41 (1041) | 3 (76) | 5/8 (16) | 1-1/2 (38) | 3/4 (19) |
| 9 | 14x48 | 14 (355) | 48-1/2 (1231) | 19 (482) | 47 (1193) | 3 (76) | 5/8 (16) | 1-1/2 (38) | 3/4 (19) |
| 11 | 18x46 | 18 (457) | 46-1/2 (1180) | 25-1/8 (638) | 44-7/8 (1139) | 4 (102) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 12 | 18x54 | 18 (457) | 54-1/2 (1383) | 25-1/8 (638) | 52-7/8 (1342) | 4 (102) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 13 | 18x64 | 18 (457) | 64-1/2 (1637) | 25-1/8 (638) | 62-7/8 (1593) | 4 (102) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 15 | 22x54 | 22 (558) | 54-1/2 (1383) | 29-1/8 (739) | 52-7/8 (1342) | 4-1/2 (114) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 16 | 22x64 | 22 (558) | 64-1/2 (1637) | 29-1/8 (739) | 62-7/8 (1593) | 4-1/2 (114) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 17 | 22x74 | 22 (558) | 74-1/2 (1891) | 29-1/8 (739) | 72-7/8 (1850) | 4-1/2 (114) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 18 | 22x82 | 22 (558) | 82-1/2 (2094) | 29-1/8 (739) | 80-7/8 (2053) | 4-1/2 (114) | 3/4 (19) | 2 (51) | 13/16 (21) |

| STANDARD 125# SUCTION AND DISCHARGE FLANGES | | | OPTIONAL 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | | | | | | | | | | OPTIONAL 250# SUCTION AND DISCHARGE FLANGES | | | | | | | | | | MOTOR FRAME | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|-----------|---|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|---|----------|------------|------------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|--------------|-------------|----|----|----|----|----|---|
| DISCH | MODEL | CASE BORE | SUCTION | POWER SERIES | D | S | W | X | Z | CP | HY | YY | ZZ | C APPROX | 18 | 21 | 23 | 22 | 24 | 24 | 25 | 25 | 26 | 26 | 28 | 28 | 29 | 28 | 30 | 30 | 33 | 32 | 35 | 34 | 38 | 36 | 40 | 40 | 44 | 44 | 45 | 49 | | | | | |
| | | | | | | | | | | | | | | | 215T (305) | 254T (330) | 256T (355) | 284TS (406) | 284T (457) | 286TS (533) | 286T (584) | 324TS (558) | 324T (609) | 326TS (609) | 326T (635) | 364TS (635) | 364T (660) | 365TS (660) | 365T (711) | 404TS (685) | 404T (736) | 405TS (711) | 405T (761) | 444TS (761) | 444T (838) | 445TS (787) | 445T (863) | 447TS (863) | 447T (914) | 449TS (1143) | 449T (1245) | | | | | | |
| 2-1/2 | 2.5" 1823BF | 10B | 3 | 2 | 8+ (203) | 4 (102) | 13-1/2 (343) | 9-3/4 (247) | 4 (102) | 24 (609) | 5 1/2 (127) | 10 (254) | | | BASE | 5 | 8 | 8 | 9 | 9 | 9 | 9 | 11 | 12 | 12 | 12 | 12 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 3 | 3" 1824F | 10 | 4 | 2 | 9* (228) | 4-1/2 (114) | 13-1/2 (343) | 10 (254) | 4-1/2 (114) | 24 (609) | 5-1/2 (140) | 11 (279) | | | BASE | 5 | 8 | 8 | 9 | 9 | 9 | 9 | 11 | 12 | 12 | 12 | 12 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 4 | 4" 1823AF-CF | 11A | 5 | 3 | 10 (254) | 5 (127) | 14-1/2 (368) | 11 1/4 (286) | 5 (124) | 26 (660) | 6-1/2 (165) | 12-3/4 (324) | | | BASE | 8 | 8 | 9 | 9 | 9 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 15 | 15 | 16 | 16 | - | - | - | - | - | - | - | - | - | - | | |
| 4 | 4" 1823DF | 11C | 5 | 3 | 10 (254) | 5 (127) | 14-1/2 (368) | 12 (305) | 5 (140) | 26 (660) | 6-1/2 (165) | 12-3/4 (324) | | | BASE | 8 | 8 | 9 | 9 | 9 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 15 | 16 | 16 | - | - | - | - | - | - | - | - | - | - | - | | |
| 4 | 4" 1824F | 11D | 5 | 3 | 10 (254) | 5 (127) | 14-1/2 (368) | 12 (305) | 5 (140) | 26 (660) | 6-1/2 (165) | 12-3/4 (324) | | | BASE | 8 | 8 | 9 | 9 | 9 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 15 | 16 | 16 | - | - | - | - | - | - | - | - | - | - | - | | |
| 4 | 4" 1824F | 15 | 6 | 2 | 11 (279) | 5-1/2 (140) | 14-1/2 (368) | 13 (330) | 5-1/2 (140) | 26 (660) | 6-1/2 (165) | 14 (355) | | | BASE | - | 8 | 9 | 9 | 9 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 15 | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 5 | 5" 1822BF-CF | 11B | 6 | 4 | 11** (279) | 5-1/2 (140) | 16 (406) | 11-1/4 (286) | 5-1/2 (140) | 28-1/2 (723) | 6 (152) | 13-1/4 (336) | | | BASE | 6 | 9 | 9 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | - | - | - | - | | |
| 5 | 5" 1823F | 15 | 6 | 4 | 12-1/2 (217) | 6-1/4 (159) | 16 (406) | 13-1/4 (336) | 6-1/4 (159) | 28-1/2 (723) | 6-1/2 (165) | 15 (381) | | | BASE | 6 | 9 | 9 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | - | - | - | | |
| 5 | 5" 1824F | 15A | 6 | 4 | 12-1/2 (217) | 6-1/4 (159) | 16 (406) | 14 (355) | 6-1/4 (159) | 28-1/2 (723) | 6-1/2 (165) | 15 (381) | | | BASE | 6 | 9 | 9 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | - | - | | |
| 6 | 6" 1822F | 17 | 8 | 4 | 12-1/2 (217) | 6-1/2 (159) | 16 (406) | 11-3/4 (298) | 6-1/4 (159) | 28-1/2 (723) | 6 (152) | 14-1/2 (368) | | | BASE | 6 | 9 | 9 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | - | - | - | - | | | |
| 6 | 6" 1822HHF | 11HH | 8 | 4A | 16-1/2 (419) | 8/5/08 (219) | 18-1/2 (460) | 10 (254) | 8-5/8 (219) | 32-7/8 (835) | 8 (203) | 15 (381) | | | BASE | 6 | 9 | 9 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | - | - | - | - | | |
| 6 | 6" 1823HHF | 14HH | 8 | 5A | 16-1/2 (419) | 7-1/2 (191) | 20-1/2 (519) | 15 (381) | 7-1/2 (191) | 36-3/4 (933) | 8 (203) | 17 (431) | | | BASE | 6 | 9 | 9 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | - | - | - | - | | |
| 6 | 6" 1823BF | 15B | 8 | 5 | 13-1/2 (343) | 6-3/4 (171) | 18 (457) | 14-1/4 (368) | 6-3/4 (171) | 32 (812) | 7-1/2 (190) | 16-3/4 (425) | | | BASE | - | 9 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | - | - | - | | |
| 6 | 6" 1824BF-CF | 18B | 8 | 5 | 14-3/4 (374) | 8 (203) | 18 (457) | 16 (406) | 8 (203) | 32 (812) | 7-1/2 (190) | 18 (457) | | | BASE | 9 | 9 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | - | - | | |
| 6 | 6" 1825F | 18C | 8 | 5 | 14-3/4 (374) | 8 (203) | 18 (457) | 15-3/4 (400) | 8 (203) | 32 (812) | 7-1/2 (190) | 18 (457) | | | BASE | 9 | 9 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | - | - | |
| 8 | 8" 1822F | 20 | 10 | 7 | 14-3/4 (374) | 8 (203) | 18 (457) | 17 (431) | 9 (32) | 32 (812) | 7-1/2 (190) | 17-3/4 (450) | | | BASE | 9 | 9 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | - | - | | |
| 8 | 8" 1824BF | 17B | 10 | 7 | 14-3/4 (374) | 8 (203) | 18 (457) | 17 (431) | 8 (203) | 32 (812) | 7-1/2 (190) | 17-3/4 (450) | | | BASE | 9 | 9 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | - | - |
| 8 | 8" 1825F-AF | 21 | 10 | 6B | 18-1/2 (470) | 9-1/2 (241) | 21-7/8 (555) | 18 (457) | 9-1/2 (241) | 38 (964) | 11-1/2 (292) | 21 (533) | | | BASE | 9 | 9 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 8 | 8" 1826F | 21A | 10 | 6B | 26 (660) | 15 (381) | 25-1/4 (641) | 20 (508) | 15 (381) | 43-7/8 (1114) | 11 (279) | 25 (635) | | | BASE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10" 1823CF | 15 | 12 | 7 | 25 (635) | 13-1/2 (343) | 21-7/8 (555) | 17 (431) | 13-1/2 (343) | 38 (964) | 11-1/2 (292) | 20 (508) | | | BASE | | | | | | | | | | | | 13 | 13 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | |
| 10 | 10" 1824F | 18 | 12 | 7 | 25 (635) | 13-1/2 (343) | 21-7/8 (555) | 18 (457) | 13-1/2 (343) | 38 (964) | 11-1/2 (292) | 22 (558) | | | BASE | | | | | | | | | | | | 13 | 13 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | |
| 10 | 10" 1824DF | 18D | 12 | 7A | 25 (635) | 12-1/4 (311) | 24-1/4 (616) | 20 (508) | 12-1/4 (311) | 43 (1092) | 11-1/2 (292) | 24 (610) | | | BASE | | | | | | | | | | | | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | |
| 12 | 12" 1824AF | 18A | 14 | 7 | 24 (609) | 15 (381) | 25-1/4 (615) | 18 (457) | 15 (381) | 44 (1117) | 11-1/2 (292) | 23 (584) | | | BASE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- NOTES
- All dimensions are in inches (mm).
 - Dimensions may vary ± 3/8" (10).
 - Not for construction purposes unless certified.
 - Coupling gap may vary 1/8" (3) thru 1" (25).
 - Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
 - Suction and discharge flanges are ANSI standard flat face.
 - Three grout holes are provided in top of base.
- + D is 9" (228) when using frames 364TS-365TS
 * D is 10-1/2" (266) when using frames 324TS-365TS

** D is 12" (305) when using frames 404TS-445TS
 *** Pump sizes 6" 1822HHF & 6" 1823HHF are furnished as standard with 125# suction flange and 250# discharge flange.



† PIPE TAP ON BOTH SIDES OF 5"1924F AND 6"1924F. PIPE TAP ON NEAR SIDE OF OTHER PUMPS.

* 150# AND 300# OR 300# AND 300# SUCTION AND DISCHARGE DUCTILE IRON FOR 5"1924F AND 6"1924F

| PUMP SIZE | | STANDARD* 125# SUCTION AND 250# DISCHARGE FLANGE | | OPTIONAL* 250# SUCTION AND DISCHARGE FLANGES | | | | | | | | | | | | MOTOR FRAME | | | | | | | | | | | | | | | |
|-----------|----------|--|---------|--|--------------|-------------|-------------|-----------------------|----------------------|----------|-------------|--------------|------------------------|-----------------------|---------------|-------------|-------------|-------------|------------|-------------|------------|-------------|------------|------------|-------------|------------|-------------|-------------|-------------|--------------|--|
| DISCH | MODEL | CASE BORE | SUCTION | POWER SERIES | D | M | S | RIGHT HAND ROTATION W | LEFT HAND ROTATION W | X | Z | CP | RIGHT HAND ROTATION HY | LEFT HAND ROTATION HY | YY | C | 326TS (660) | 326TS (711) | 326T (685) | 364TS (736) | 364T (711) | 365TS (761) | 365T (761) | 404S (838) | 405TS (812) | 405T (914) | 444TS (863) | 445TS (914) | 447TS (991) | 449TS (1143) | |
| 4 | 4"1922F | 15 | 5 | 3 | 11 (279) | 7-1/8 (181) | 5 (127) | 18-7/8 (479) | 15-1/8 (384) | 13 (330) | 6-1/2 (165) | 31 (787) | 4-5/8 (117) | 8-3/8 (213) | 13-1/2 (343) | BASE | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 16 | 16 | 16 | 16 | | |
| 5 | 5"1924F | 12 | 5 | 4A | 14 (356) | 6-5/8 (168) | 7 (178) | 20-7/8 (530) | 18-1/8 (460) | 13 (330) | 7 (178) | 35-3/8 (889) | 11-1/8 (283) | 13-7/8 (352) | 13 (330) | BASE | | | | | | | | 17 | 17 | 17 | 17 | 18 | 18 | | |
| 5 | 5"1922F | 15 | 6 | 4 | 12-1/2 (317) | 9-1/8 (232) | 5-1/2 (140) | 21-1/8 (536) | 16-7/8 (428) | 15 (381) | 7-1/2 (190) | 34-1/2 (876) | 5-3/8 (143) | 9-5/8 (244) | 15-7/16 (392) | BASE | 12 | 12 | 12 | 12 | 12 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | | | |
| 6 | 6"1924F | 12 | 6 | 5A | 15 (381) | 7-1/2 (191) | 8 (203) | 22-7/8 (581) | 19-5/8 (498) | 14 (356) | 8 (203) | 38-1/2 (978) | 10-7/8 (276) | 14-1/8 (359) | 14 (356) | BASE | | | | | | | | 17 | 17 | 17 | 18 | 18 | | | |
| 6 | 6"1923F | 16/16B | 8 | 5 | 16.5 (419) | 10.5 (267) | 8.25 (210) | 23.63 (600) | 18.38 (467) | 19 (483) | 7.75 (197) | 37.88 (962) | 5 (127) | 10.25 (260) | 17 (432) | BASE | | | | | | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 18 | |
| 6 | 6"1922AF | 17 | 8 | 5 | 14-3/4 (374) | 11 (279) | 7 (178) | 24-1/2 (622) | 17-1/2 (444) | 16 (406) | 9 (228) | 38 (964) | 4 (102) | 11 (279) | 16-1/2 (419) | BASE | | | | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | | | |

| BASE SIZE | HA | HB | HE | HF | HG | HH | HK | HP |
|----------------|----------|---------------|--------------|---------------|-------------|----------|--------|------------|
| 12 18x54 (457) | 18 (457) | 54-1/2 (1383) | 25-1/8 (638) | 52-7/8 (1342) | 4 (102) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 13 18x64 (457) | 18 (457) | 64-1/2 (1637) | 25-1/8 (638) | 62-7/8 (1593) | 4 (102) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 15 22x54 (559) | 22 (559) | 54-1/2 (1383) | 29-1/8 (740) | 52-7/8 (1342) | 4-1/2 (114) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 16 22x64 (559) | 22 (559) | 64-1/2 (1637) | 29-1/8 (740) | 62-7/8 (1593) | 4-1/2 (114) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 17 22x74 (559) | 22 (559) | 74-1/2 (1892) | 29-1/8 (740) | 72-7/8 (1851) | 4-1/2 (114) | 3/4 (19) | 2 (51) | 13/16 (21) |
| 18 22x82 (559) | 22 (559) | 82-1/2 (2096) | 29-1/8 (740) | 80-7/8 (2054) | 4-1/2 (114) | 3/4 (19) | 2 (51) | 13/16 (21) |

NOTES

- All dimensions are in inches (mm) and may vary ± 3/8" (10).
- Not for construction purposes unless certified.
- Coupling gap may vary 1/8" (3) thru 1" (25).
- Conduit box is shown in approximate location.
- Dimensions are not specified as they vary with each motor manufacturer.
- Suction and discharge flanges are ANSI standard flat face.
- Three groud holes are provided in top of base.

FAIRBANKS NIJHUIS™ MODEL 2800 PUMPS

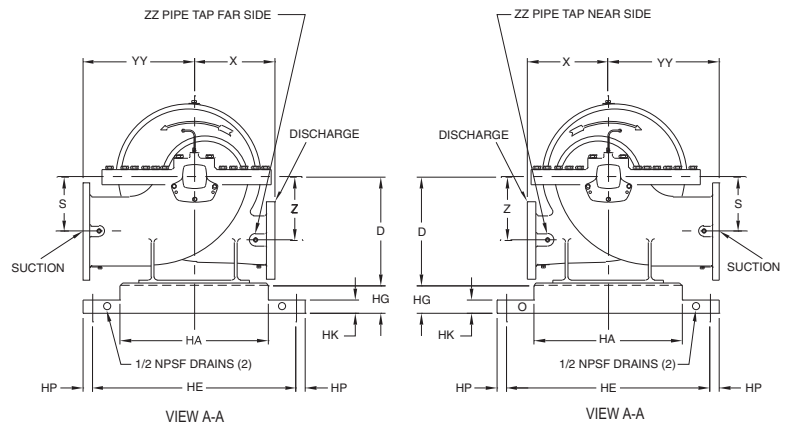
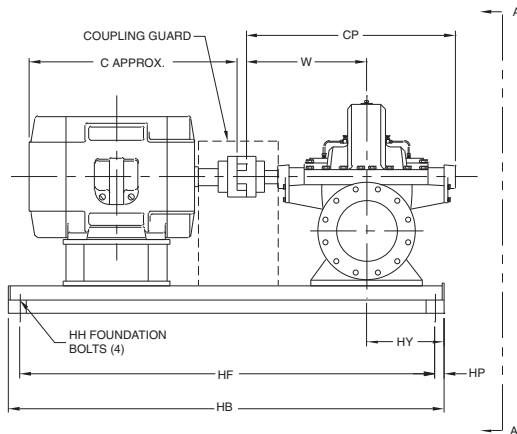
Section **912** Page **271**

ON STEEL DRIP RIM BASE

Date **April 2013**

Supersedes Section 912 Page 271

Dated November 2005



RIGHT HAND ROTATION

LEFT HAND ROTATION

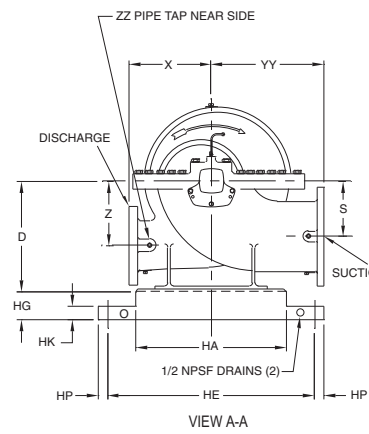
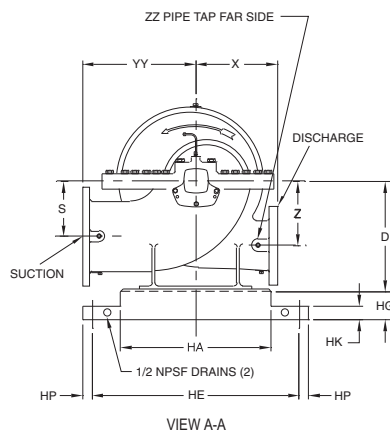
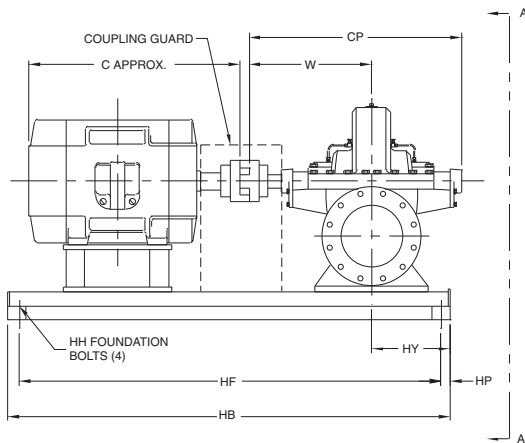
| PUMP SIZE | | | STANDARD* 125# SUCTION AND DISCHARGE FLANGES | OPTIONAL 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | OPTIONAL 250# SUCTION AND DISCHARGE FLANGES | MOTOR FRAME | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------------|-----------|---|---|--|---------------|--------------|--------------|----------------|--------------|--------------|-----|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|
| DISCH | MODEL | CASE BORE | SUCTION | D | S | W | X | Z | CP | HY | YY | ZZ | APPROX | 254T | 256T | 284T | 286T | 286T | 324T | 324T | 326T | 326T | 364T | 364T | 365T | 404T | 404T | 405T | 405T | 444T | 444T | 445T | 445T | 447T | 447T | 449T | 449T | | | |
| 3 | 3"2874AF-CF | 9A&C | 5 | 12 (304) | 6-1/8 (155) | 14-5/8 (371) | 11 (279) | 6-1/8 (155) | 25-15/16 (658) | 10 (254) | 12 (304) | 3/4 | BASE | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 4 | 4"2873AF | 8A | 6 | 11 (279) | 5-3/4 (146) | 14-5/8 (371) | 10 (254) | 5-1/2 (140) | 25-15/16 (658) | 8 (203) | 11-1/4 (286) | 3/4 | BASE | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 4 | 4"2876AF-CF | 11A&C | 6 | 13-3/4 (349) | 6-7/8 (174) | 16-3/8 (415) | 11-1/4 (285) | 7-1/8 (180) | 29-11/16 (754) | 10 (254) | 14 (355) | 3/4 | BASE | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 4 | 4"2823CF | 14C | 6 | 13-3/4 (349) | 6-7/8 (174) | 17-5/8 (447) | 13 (330) | 8-3/8 (212) | 31-11/16 (804) | 12 (304) | 15-1/4 (387) | 3/4 | BASE | - | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 5 | 5"2823AF | 14A | 8 | 16-1/4 (412) | 8-1/4 (209) | 17-5/8 (447) | 13-1/2 (342) | 9-3/4 (247) | 31-11/16 (804) | 12 (304) | 17-1/4 (438) | 1 | BASE | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 5 | 5"2824AF | 18A | 8 | 16-1/4 (412) | 8-1/8 (206) | 18-7/8 (479) | 15 (381) | 10-5/8 (269) | 33-3/8 (847) | 12 (304) | 18-3/4 (476) | 1 | BASE | - | - | - | - | - | - | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 6 | 6"2876AF | 12A | 6 | 13-3/4 (349) | 6-7/8 (174) | 16-5/8 (422) | 20-1/2 (520) | 7-1/8 (180) | 29-11/16 (754) | 10 (254) | 14 (355) | 1 | BASE | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 6 | 6"2823CF | 14C | 10 | 18-3/4 (476) | 9-3/8 (238) | 20-1/8 (511) | 13-1/4 (336) | 10 (254) | 35-7/8 (911) | 12 (304) | 18 (457) | 1 | BASE | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 6 | 6"2824CF | 18C | 10 | 18-3/4 (476) | 9-3/8 (238) | 20-1/8 (511) | 16 (406) | 11-3/4 (298) | 35-7/8 (911) | 13-1/2 (343) | 20 (508) | 1 | BASE | - | - | - | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 23 | 23 | 23 |
| 6 | 6"2825AF | 19A | 10 | 18-3/4 (476) | 9-3/8 (238) | 22-5/8 (574) | 18 (457) | 12-1/8 (307) | 39-1/4 (996) | 13-1/2 (342) | 22 (558) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | |
| 8 | 8"2823AF | 14A | 12 | 21-1/2 (546) | 10-3/4 (273) | 20-1/2 (520) | 16 (406) | 10-3/4 (273) | 36-5/8 (930) | 13-1/2 (342) | 22 (558) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | | |
| 8 | 8"2824AF | 18A | 12 | 21-1/2 (546) | 10-3/4 (273) | 23-3/4 (603) | 16 (406) | 12-1/2 (317) | 41-1/2 (1054) | 13-1/2 (342) | 22 (558) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | | |
| 10 | 10"2825AF | 20 | 16 | 24 (609) | 13 (330) | 25-9/16 (649) | 23 (584) | 14-1/4 (361) | 44-9/16 (1131) | 15 (381) | 25 (635) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | 23 | 23 | 20 | 20 | | | |

*STD 125# SUCTION FLANGE AND 250# DISCHARGE FLANGE FOR 6"2876AF AND 10"2825AF

NOTES

- All dimensions are in inches.
- Dimensions may vary ± 3/8".
- Not for construction purposes unless certified.
- Coupling gap may vary 1/8" thru 3".
- Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
- Suction and discharge flanges are ANSI standard flat face.
- Structural steel bases are used for pumps with motor frames larger than 449T (refer to factory)

| BASE | SIZE | HA | HB | HE | HF | HG | HH | HK | HP |
|------|-------|----------|---------------|--------------|---------------|-------------|----------|--------|------------|
| 12 | 18x54 | 18 (457) | 54-1/2 (1384) | 25-1/8 (638) | 52-7/8 (1343) | 4 (101) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 13 | 18x64 | 18 (457) | 64-1/2 (1638) | 25-1/8 (638) | 62-7/8 (1597) | 4 (101) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 16 | 22x64 | 22 (558) | 64-1/2 (1638) | 29-1/8 (739) | 62-7/8 (1597) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 17 | 22x74 | 22 (558) | 74-1/2 (1892) | 29-1/8 (739) | 72-7/8 (1851) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 20 | 26x90 | 26 (660) | 90-1/2 (2298) | 33-1/8 (841) | 88-7/8 (2257) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 21 | 26x72 | 26 (660) | 72-1/2 (1841) | 33-1/8 (841) | 70-7/8 (1800) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 23 | 26x84 | 26 (660) | 84-1/2 (2146) | 33-1/8 (841) | 82-7/8 (2105) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |



RIGHT HAND ROTATION

LEFT HAND ROTATION

| PUMP SIZE | | STANDARD 125# SUCTION AND DISCHARGE FLANGES | OPTIONAL 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | OPTIONAL 250# SUCTION AND DISCHARGE FLANGES | MOTOR FRAME | 254T | 256T | 284TS | 286TS | 286TS | 324TS | 324T | 326TS | 364TS | 364T | 365TS | 365T | 404TS | 404T | 405TS | 444TS | 444T | 445TS | 445T | 447TS | 447T | 449TS | 449T | | | | | | | | | | | | | |
|-----------|----------|---|---|---|-----------------|------------------|-----------------|-----------------|--------------------|-------------|-----------------|------|--------------|-------|------|-------|------|-------|------|-------|-------|------|-------|------|-------|------|-------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| DISCH | MODEL | CASE BORE | SUCTION | D | S | W | X | Z | CP | HY | YY | ZZ | C APPROX. | 21 | 23 | 22 | 24 | 25 | 25 | 26 | 26 | 28 | 28 | 29 | 29 | 30 | 30 | 33 | 35 | 34 | 38 | 36 | 40 | 40 | 44 | 45 | 49 | | | | |
| 3 | 3"5876F | 10A | 4 | 10-1/2 (267) | 5-1/2 (140) | 16-1/2 (419) | 10 (254) | 5-1/2 (140) | 29-3/16 (738) | 7 (178) | 10 (254) | 1 | BASE | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | |
| 4 | 4"5876F | 10 | 6 | 13 (330) | 6-1/2 (165) | 16-7/8 (428) | 10-1/4 (260) | 6-1/2 (165) | 29-13/16 (757) | 10 (254) | 11 (279) | 3/4 | BASE | - | - | - | - | - | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| 4 | 4"5823F | 14 | 5 | 12-1/2 (317) | 7-3/8 (187) | 18-3/8 (466) | 13-1/2 (342) | 7-3/8 (187) | 33-3/16 (842) | 10 (254) | 14 (355) | 3/4 | BASE | - | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| 4 | 4"5824F | 18 | 5 | 14-3/4 (374) | 9-1/2 (241) | 18-3/8 (466) | 14 (355) | 9-1/2 (241) | 33-1/4 (844) | 11 (279) | 14 (355) | 3/4 | BASE | - | - | - | - | - | - | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | |
| 5 | 5"5876F | 10 | 8 | 16 (406) | 8 (203) | 20 (508) | 12-1/2 (317) | 7 (118) | 35-1/2 (901) | 11 (279) | 13 (330) | 1 | BASE | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | |
| 5 | 5"5824F | 18 | 6 | 16 (406) | 10 (254) | 21 (533) | 14 (355) | 10 (254) | 37-1/8 (942) | 11 (279) | 14 (355) | 1 | BASE | - | - | - | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 6 | 6"5876F | 10 | 10 | 18 (457) | 9 (228) | 20-5/8 (523) | 13 (330) | 7-1/2 (190) | 36-3/4 (933) | 11 (279) | 15 (381) | 1 | BASE | - | - | - | - | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 6 | 6"5823F | 15 | 8 | 15-1/2 (394) | 8-3/4 (222) | 22-1/2 (571) | 15 (381) | 8-3/4 (222) | 40-1/4 (1022) | 13 (330) | 15-1/2 (394) | 1 | BASE | - | - | - | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 8 | 6"5823F | 15 | 10 | 17-1/2 (444) | 9-1/4 (234) | 22-1/2 (571) | 17 (431) | 9-1/4 (234) | 40-1/4 (1022) | 13 (330) | 17 (431) | 1 | BASE | - | - | - | - | - | - | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| 10 | 10"5824F | 18 | 12 | 21-3/4 (552) | 11-1/2 (292) | 25-9/16 (649) | 21 (533) | 11-1/2 (292) | 45-13/16 (1163) | 15 (381) | 21 (533) | 1 | BASE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | 23 | 20 | 20 | 20 | | | |

| BASE | SIZE | HA | HB | HE | HF | HG | HH | HK | HP |
|------|-------|-------------|------------------|-----------------|------------------|----------------|-------------|-----------|---------------|
| 12 | 18x54 | 18 (457) | 54-1/2 (1384) | 25-1/8 (638) | 52-7/8 (1343) | 4 (101) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 13 | 18x64 | 18 (457) | 64-1/2 (1638) | 25-1/8 (638) | 62-7/8 (1597) | 4 (101) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 16 | 22x64 | 22 (558) | 64-1/2 (1638) | 29-1/8 (739) | 62-7/8 (1597) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 17 | 22x74 | 22 (558) | 74-1/2 (1892) | 29-1/8 (739) | 72-7/8 (1851) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 18 | 22x82 | 22 (558) | 82-1/2 (2095) | 29-1/8 (739) | 80-7/8 (2054) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 20 | 26x90 | 26 (660) | 90-1/2 (2298) | 33-1/8 (841) | 88-7/8 (2257) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 21 | 26x72 | 26 (660) | 72-1/2 (1841) | 33-1/8 (841) | 70-7/8 (1800) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |
| 23 | 26x84 | 26 (660) | 84-1/2 (2146) | 33-1/8 (841) | 82-7/8 (2105) | 4-1/2 (114) | 3/4 (19) | 2 (50) | 13/16 (20) |

NOTES

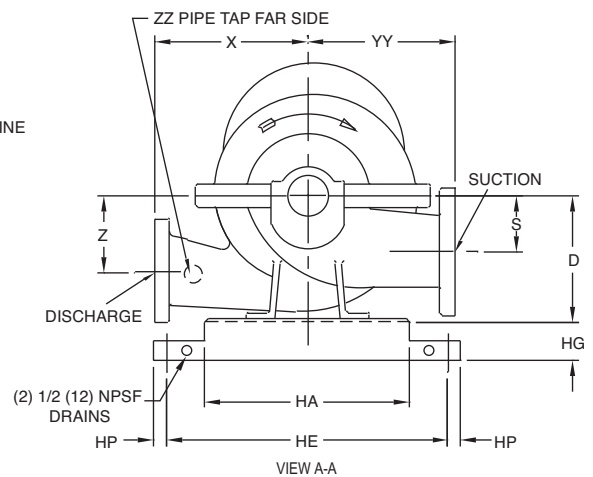
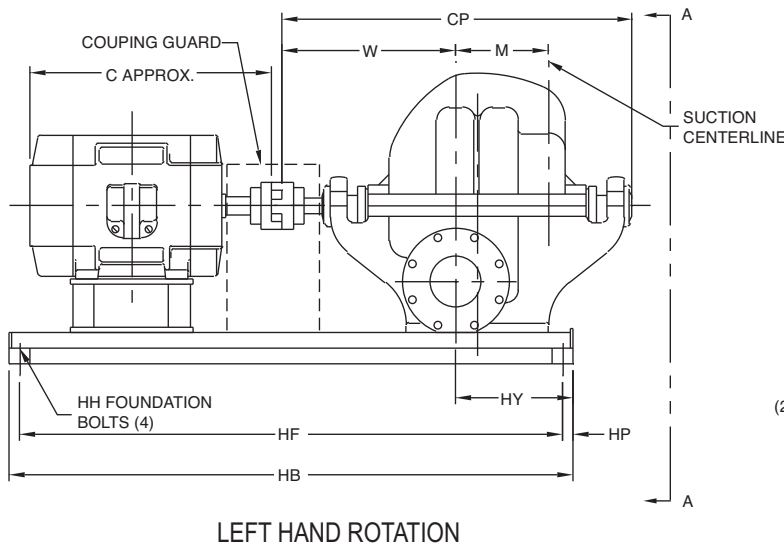
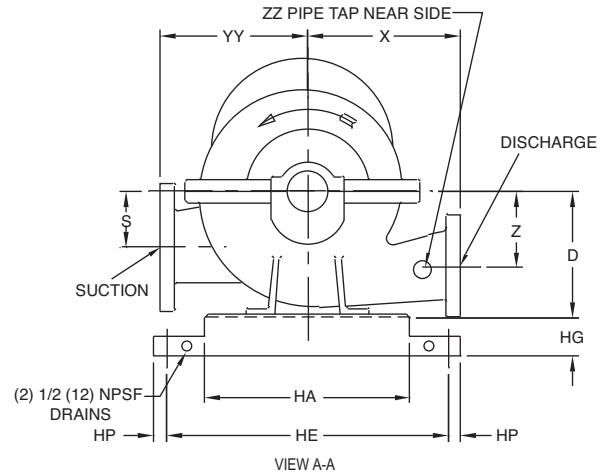
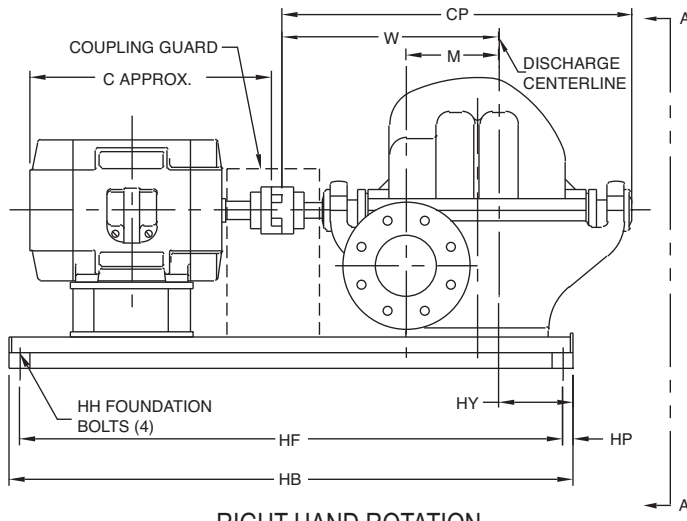
- All dimensions are in inches.
- Dimensions may vary ± 3/8".
- Not for construction purposes unless certified.
- Coupling gap may vary 1/8" thru 3".
- Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
- Suction and discharge flanges are ANSI standard flat face.
- Structural steel bases are used for pumps with motor frames larger than 449T (refer to factory)

ON STEEL DRIP RIM BASE

Date **April 2013**

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Dated November 2005



| PUMP SIZE | | STANDARD 125# SUCTION FLANGE, 250# DISCHARGE FLANGE | | OPTIONAL 250# SUCTION AND DISCHARGE FLANGE | | MOTOR FRAME | | RIGHT HAND | | LEFT HAND | | C APPROX | | 404TS | | 405TS | | 444TS | | 445TS | | 447TS | | 449TS | | |
|-----------|-------|---|---------|--|------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-----------------|-----------------|-------|------|-------|----|-------|----|-------|----|-------|----|-------|----|----|
| DISCH | MODEL | CASE BORE | SUCTION | D | S | RIGHT HAND W | LEFT HAND W | X | Z | CP | RIGHT HAND HY | LEFT HAND HY | YY | ZZ | 30 | 33 | 32 | 35 | 34 | 38 | 36 | 40 | 44 | 45 | 49 | |
| 5 | 495 | 15 | 6 | 17 (431) | 9 (228) | 28-3/8 (720) | 23-3/8 (593) | 15 (381) | 9 (228) | 46-7/8 (1190) | 13-1/2 (342) | 18-1/2 (469) | 15 (381) | 1 | BASE | 17 | 17 | 17 | - | - | - | - | - | - | - | - |
| 6 | 495 | 17 | 8 | 17-1/2 (444) | 9 (228) | 31-5/8 (803) | 25-1/8 (638) | 16-1/2 (419) | 10-1/2 (266) | 52-1/2 (1333) | 12-3/4 (3238) | 19-1/4 (488) | 16-1/2 (419) | 1 | BASE | - | - | - | 23 | 23 | 23 | 23 | 24 | 24 | 24 | 24 |

| BASE | HA | HB | HE | HG | HH | HF | HP |
|------|-------------|--------------|-------------|----------------|-------------|--------------|-----------|
| 17 | 22 (558) | 84 (2133) | 19 (482) | 4 (101) | 5/8 (15) | 82 (2082) | 1 (25) |
| 23 | 26 (660) | 84 (2133) | 23 (584) | 4-1/2 (114) | 5/8 (15) | 82 (2082) | 1 (25) |
| 24 | 26 (660) | 96 (2438) | 23 (584) | 4-1/2 (114) | 5/8 (15) | 94 (2387) | 1 (25) |

NOTES

- All dimensions are in inches.
- Dimensions may vary $\pm 3/8"$.
- Not for construction purposes unless certified.
- Coupling gap may vary 1/8" thru 3".
- Conduit box is shown in approximate location. Dimensions are not specified as they vary with each motor manufacturer.
- Suction and discharge flanges are ANSI standard flat face.

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