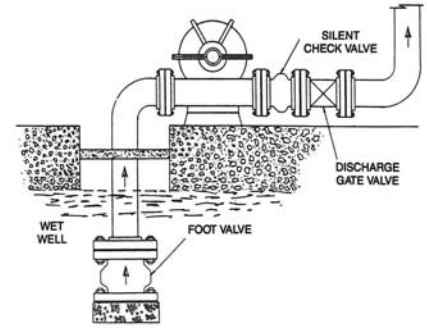
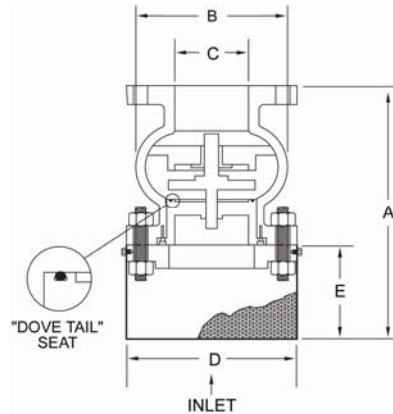
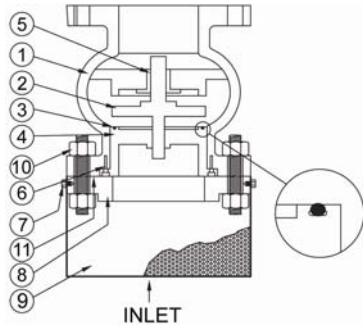


CAST IRON FOOT VALVES



Model 125FVFI



FEATURES

- Inexpensive way to maintain pump prime
- Designed for installation at the bottom of a pump suction line, inside a wet well
- 1/8" perforated 304SS screen material as standard. Other meshes, perforations and materials are available upon request
- Class 125 flat face flanges in accordance with ASME B16.1.
- "Dove Tail" resilient seating

RATINGS

PMO (maximum operating pressure) 2 to 12": 200 psi @ 150°F

PMO (maximum operating pressure) 14" to 16": 150 psi @ 150°F

MATERIALS

| Part | Description |
|---------------------|------------------------------|
| (1) Body | A126-B Cast Iron |
| (2) Plug | B148 C954 Aluminum Bronze |
| (3) Seal | Buna-N |
| (4) Seat | B148 C954 Aluminum Bronze |
| (5) Bushing | B148 C954 Aluminum Bronze |
| (6) Set Screw | 300 Series Stainless Steel |
| (7) Screen Retainer | 300 Series Stainless Steel |
| (8) Ring Plate | A105 Carbon Steel |
| (9) Screen | 304 Stainless Steel |
| (10) Bolting | A193-B7/A194-2H Carbon Steel |
| (11) Gasket | Rubber |

DIMENSIONS AND WEIGHTS

| Size | | DIMENSIONS | | | | | | | | | | Flow Coefficient (Cv) | | Weight | |
|------|-------|------------|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----------------------|-------|--------|--|
| | | A | | B | | C | | D | | E | | | | | |
| mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | kg | lbs | | |
| 50 | 2 | 273 | 10-3/4 | 121 | 4-3/4 | 51 | 2 | 152 | 6 | 111 | 4-3/8 | 61 | 10.4 | 23 | |
| 65 | 2-1/2 | 295 | 11-5/8 | 140 | 5-1/2 | 64 | 2-1/2 | 178 | 7 | 114 | 4-1/2 | 94 | 15.4 | 34 | |
| 80 | 3 | 295 | 11-5/8 | 162 | 6-3/8 | 76 | 3 | 191 | 7-1/2 | 102 | 4 | 140 | 19.5 | 43 | |
| 100 | 4 | 321 | 12-5/8 | 229 | 9 | 102 | 4 | 229 | 9 | 102 | 4 | 246 | 30.0 | 66 | |
| 125 | 5 | 372 | 14-5/8 | 254 | 10 | 127 | 5 | 254 | 10 | 127 | 5 | 388 | 43.1 | 95 | |
| 150 | 6 | 422 | 16-5/8 | 279 | 11 | 152 | 6 | 279 | 11 | 152 | 6 | 556 | 54.5 | 120 | |
| 200 | 8 | 527 | 20-3/4 | 394 | 15-1/2 | 203 | 8 | 343 | 13-1/2 | 181 | 7-1/8 | 989 | 97.6 | 215 | |
| 250 | 10 | 645 | 25-3/8 | 457 | 18 | 254 | 10 | 406 | 16 | 229 | 9 | 1561 | 152.1 | 335 | |
| 300 | 12 | 791 | 31-1/8 | 533 | 21 | 305 | 12 | 483 | 19 | 273 | 10-3/4 | 2241 | 238.8 | 526 | |
| 350 | 14 | 927 | 36-1/2 | 635 | 25 | 349 | 13-3/4 | 533 | 21 | 346 | 13-5/8 | 3034 | 306.5 | 675 | |
| 400 | 16 | 1041 | 41 | 660 | 26 | 400 | 15-3/4 | 597 | 23-1/2 | 410 | 16-1/8 | 3891 | 435.8 | 960 | |

NOTES: 1. Full face gaskets are recommended for installation.

Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice



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