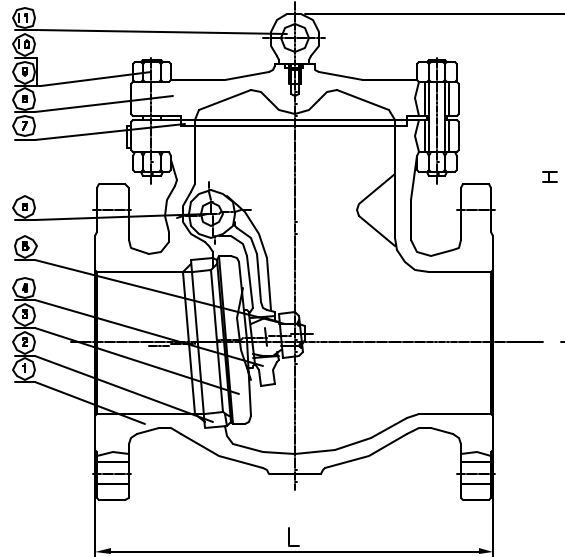


Cast Steel Swing Check Valve

Class 900 Flanged (2" to 16") - 90FCHW

Class 900 Butt Weld (2" to 16") - 90BCHW

| NO. | PART NAME | MATERIAL |
|-----|-----------|--------------------------|
| 1 | BODY | A216 WCB |
| 2 | SEAT | A105+HF |
| 3 | DISC | WCB+F6 |
| 4 | HINGE | A216 WCB |
| 5 | NUT | SS-410 |
| 6 | PIN | SS-410 |
| 7 | GASKET | Spiral Wound SS/Graphite |
| 8 | BONNET | A216 WCB |
| 9 | BOLT | A193 B7 Steel |
| 10 | NUT | A194 2H Steel |
| 11 | EYE BOLT | FS A105 |



Davis cast steel valves comply with the following applicable specifications: ANSI B16.10, ANSI B16.5, API 6D: Tested to API 598

Working Pressure: 2220 WOG
 Body Testing Pressure: 3330 psi
 Seat Testing Pressure: 2442 psi
 Air Testing Pressure: 80 psi

| NPS d | in | 2 | 2-1/2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
|----------------|----|------|-------|-------|------|-------|-------|-------|-------|------|-------|
| | mm | 47 | 57 | 73 | 98 | 146 | 190 | 238 | 282 | 311 | 356 |
| L (RF & BW) | in | 14.5 | 16.5 | 15 | 18 | 24 | 29 | 33 | 38 | 40.5 | 44.5 |
| | mm | 368 | 410 | 381 | 457 | 610 | 737 | 838 | 965 | 1029 | 1130 |
| H | in | 9.45 | 10.24 | 10.24 | 12.6 | 15.04 | 20.87 | 22.05 | 23.23 | 24.8 | 27.56 |
| | mm | 240 | 260 | 260 | 320 | 382 | 530 | 560 | 590 | 630 | 700 |
| WT (Lbs) | RF | 152 | 205 | 201 | 320 | 571 | 1246 | 1984 | 2646 | 3307 | 4696 |
| | BW | 115 | 163 | 154 | 247 | 481 | 988 | 1616 | 2150 | 2734 | 3880 |

