

- Design:** ASME B16.34 & API6D or BS-1868
- Sizes:** 2" - 48" (other sizes under request)
- ANSI Class:** 600 - 4500
- Face to Face:** ASME B16.10 & API6D
- Flanged Ends:** From 2" to 24" as per ASME B16.5; above 24" as per ASME B16.47 or MSS-SP-44. Others upon request
- Butt Weld Ends:** ASME B16.25
- Test:** API 6D, ASME B16.34, API 598, BS EN 12266-2 (BS 6755), ISO 5208. Others under request
- Construction:**
- Swing Type Disc
  - Threaded, welded or integral seat ring
  - Pressure seal desing
- Accesories:** Internal shaft. blowing device. check valve with external lever and counterweight. adjustable non return / check valve. dashpot
- Materials:** A216-WCB / WCC. A352-LCB. A217-WC6. A217-WC9. A217-C5. A217-C12. A217-C12A. A351-CF8. A351-CF3. A351-CF8M. A351-CF3M. A351-CF8C. Alloy 20. Duplex. Super Duplex. Incoloy. Monel. Inconel. Titanium
- Trim:** F6. 304. 316. Hard 410. 410 Full Hard faced. 410 and Ni-Cu. 410 and Hard faced. Monel. 316. Monel and Hard faced. 316 and Hard faced. Alloy 20. Alloy 20 & Hard faced. 304 Full Hard faced. 316 Full Hard faced. 347 Full Hard faced. Alloy 20 Full Hard faced. Alloy 625

*Other trim and materials under request*

**Babcock Figure**

**ANSI 600 lbs**  
45806 Raised face  
45706 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 2500 lbs**  
45825 Raised face  
45725 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 900 lbs**  
45809 Raised face  
45709 Butt weld

**All sizes**  
RF ends  
BW ends

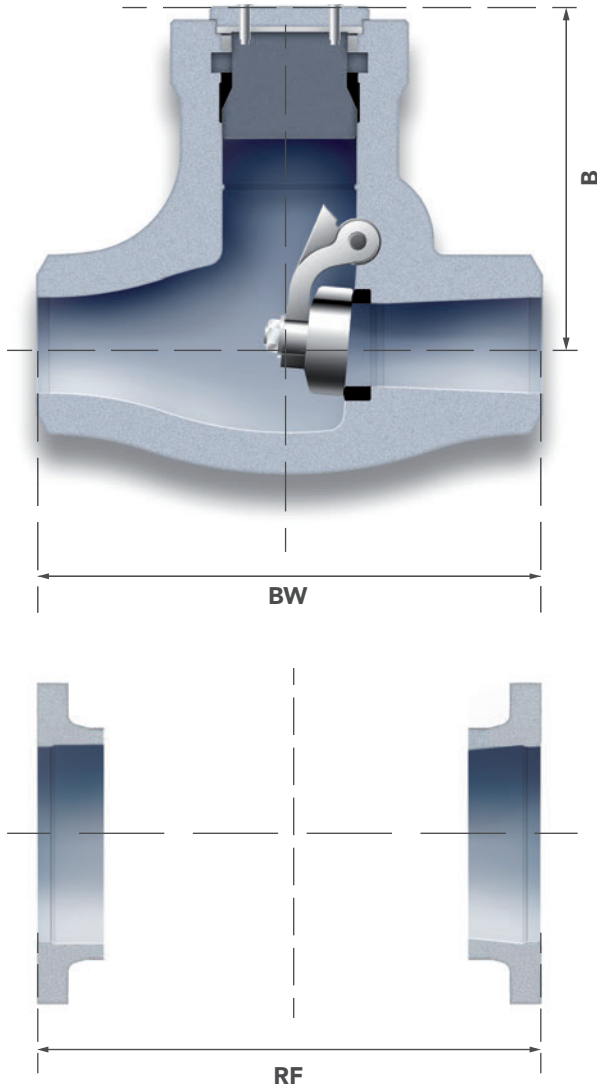
**ANSI 4500 lbs**  
45845 Raised face  
45745 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 1500 lbs**  
45815 Raised face  
45715 Butt weld

**All sizes**  
RF ends  
BW ends

### dimensions & weights chart



| asme class | SIZE        | 600   |        |       |       |       |        |       |        |        |        |        |        |        |
|------------|-------------|-------|--------|-------|-------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
|            |             | 2"    | 2 1/2" | 3"    | 4"    | 6"    | 8"     | 10"   | 12"    | 14"    | 16"    | 18"    | 20"    | 24"    |
| 600        | RF          | 292.1 | 330.2  | 355.6 | 431.8 | 558.8 | 660.4  | 787.4 | 838.2  | 889    | 990.5  | 1092.2 | 1193.8 | 1397   |
|            | RJ          | 295.3 | 333.2  | 358.6 | 434.8 | 561.8 | 663.4  | 790.4 | 841.2  | 892.2  | 993.8  | 1095.4 | 1200.2 | 1406.6 |
|            | BW          | 177.8 | 215.9  | 254   | 304.8 | 457.2 | 584.2  | 711.2 | 812.8  | 889    | 990.5  | 1092.2 | 1193.8 | 1397   |
|            | B           | 102   | 127    | 178   | 228   | 330   | 356    | 457   | 508    | 584    | 610    | 635    | 787    | 914    |
|            | WEIGHT (BW) | 17    | 24     | 30    | 53    | 128   | 250    | 360   | 480    | 640    | 830    | 1080   | 1420   | 2000   |
|            | WEIGHT (RF) | 26    | 34     | 44    | 82    | 188   | 340    | 480   | 350    | 860    | 1100   | 1420   | 1850   | 2500   |
| 900        | SIZE        | 2"    | 2 1/2" | 3"    | 4"    | 6"    | 8"     | 10"   | 12"    | 14"    | 16"    | 18"    | 20"    | 24"    |
|            | RF          | 368.3 | 419.1  | 381   | 457.2 | 609.6 | 736.6  | 838.2 | 965.2  | 1028.7 | 1130.3 | 1219.2 | 1320.8 | 1549.4 |
|            | RJ          | 371.3 | 422.1  | 384   | 460.2 | 612.6 | 739.6  | 841.2 | 968.2  | 1038.3 | 1140   | 1231.9 | 133.5  | 1568.4 |
|            | BW          | 368.3 | 254    | 304.8 | 355.6 | 508   | 660.4  | 787.4 | 914.4  | 990.6  | 1092.2 | 1168.4 | 1270   | 1498.6 |
|            | B           | 270   | 188    | 222   | 244   | 294   | 363    | 428   | 493    | 558    | 620    | 687    | 753    | 826    |
|            | WEIGHT (BW) | 20    | 30     | 33    | 65    | 165   | 455    | 705   | 1050   | 1260   | 1390   | 1790   | 2300   | 2800   |
|            | WEIGHT (RF) | 40    | 50     | 55    | 105   | 238   | 585    | 880   | 1350   | 1590   | 1725   | 2200   | 2900   | 3980   |
| 1500       | SIZE        | 2"    | 2 1/2" | 3"    | 4"    | 6"    | 8"     | 10"   | 12"    | 14"    | 16"    | 18"    | 20"    | 24"    |
|            | RF          | 368.3 | 419.1  | 469.9 | 546   | 704.8 | 831.8  | 990.6 | 1130.3 | 1257.3 | 1384.3 | 1536.7 | 1663.7 | 1943.1 |
|            | RJ          | 371.5 | 422.1  | 472.9 | 549   | 711.1 | 841.4  | 100.2 | 1146   | 1276.3 | 1364   | 1559   | 1686   | 1971.4 |
|            | BW          | 215.9 | 254    | 304.8 | 406.4 | 558.8 | 711.2  | 863.5 | 990.6  | 1066.8 | 1193.8 | 1346.7 | 1473.2 | 1727.2 |
|            | B           | 156   | 188    | 222   | 258   | 380   | 453    | 570   | 609    | 644    | 690    | 735    | 780    | 826    |
|            | WEIGHT (BW) | 22    | 35     | 45    | 70    | 235   | 495    | 780   | 1190   | 1500   | 1620   | 2150   | 2500   | 3400   |
|            | WEIGHT (RF) | 42    | 60     | 95    | 145   | 365   | 650    | 1085  | 1640   | 2100   | 2760   | 3200   | 4000   | 5700   |
| 2500       | SIZE        | 2"    | 2 1/2" | 3"    | 4"    | 6"    | 8"     | 10"   | 12"    | 14"    | 16"    | 18"    | 20"    | 24"    |
|            | RF          | 450.9 | 508    | 577.8 | 673.1 | 914.4 | 1022.3 | 1270  | 1422.4 | -      | -      | -      | -      | -      |
|            | RJ          | 454.1 | 514    | 584   | 683   | 927   | 1038   | 1292  | 1444   | -      | -      | -      | -      | -      |
|            | BW          | 279.4 | 330.2  | 368.3 | 457.2 | 609.6 | 762    | 914.4 | 1041.4 | 1118   | 1244.5 | -      | -      | -      |
|            | B           | 186   | 227    | 284   | 340   | 426   | 530    | 660   | 660    | 722    | 835    | -      | -      | -      |
|            | WEIGHT (BW) | 55    | 75     | 89    | 145   | 280   | 615    | 785   | 1530   | 2400   | 3100   | -      | -      | -      |
|            | WEIGHT (RF) | 88    | 120    | 160   | 280   | 595   | 1050   | 1690  | 2810   | 3220   | 3900   | -      | -      | -      |

All dimensions are shown in millimeters and weights in Kg.