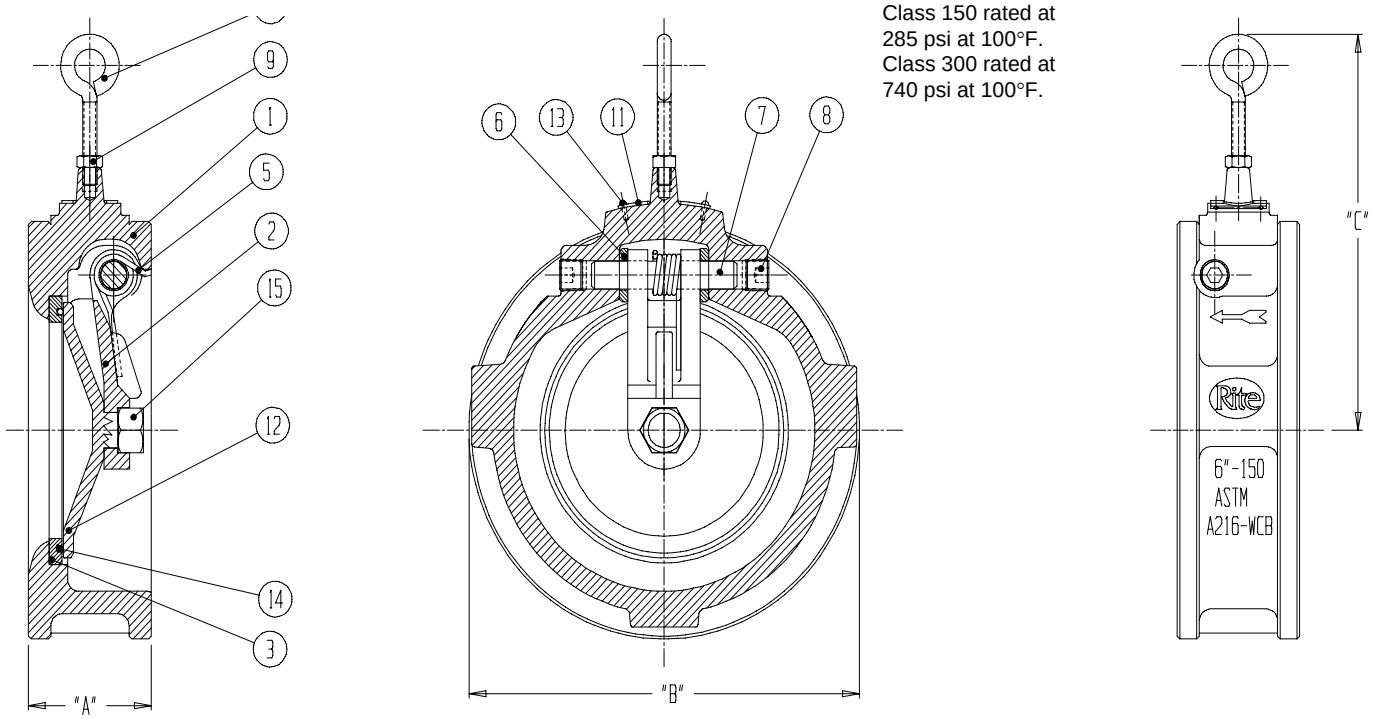
Ritepro Corporation
A Subsidiary of Bray International, Inc

# *STANDARD SPECIFICATION SHEET*
## *Check Rite Wafer Type Swing Check Valve*
## *ANSI Series 150/300 Model 210 SVZ*
## *Date: Sept. 2008*

Designed to meet ANSI B16.34.
Class 150 rated at 285 psi at 100°F.
Class 300 rated at 740 psi at 100°F.




| Item | Description | Standard Material |
|---|---|---|
| 1 | Body | ASTM A216-WCB |
| 2 | Hinge | ASTM A351-CF8M |
| 3 | Seat | ASTM A351-CF8 |
| 5 | Spring | ASTM A313-316 |
| 6 | Spacer | ASTM A479-316 |
| 7 | Pin | ASTM A479-316 |
| 8 | Plug | Steel |

| Item | Description | Standard Material |
|---|---|---|
| 9 | Lock Nut | Steel Zinc Plated |
| 10 | Eye Bolt | Steel Zinc Plated |
| 11 | Name Plate | Aluminium |
| 12 | Disc | ASTM A351-CF8M |
| 13 | Rivet | Steel Cad. Plated |
| 14 | O-Ring | Viton |
| 15 | Disc Nut | Stainless Steel |

| Nominal Pipe Size | | A | | B Class 150 | | B Class 300 | | C | | D | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lbs | kg |
| 2 | 50 | 1.75 | 44.5 | 4.13 | 104.8 | 4.38 | 111.1 | 4.63 | 117.5 | 1.19 | 30 | 3.5 | 1.6 |
| 2 1/2 | 65 | 1.88 | 47.6 | 4.88 | 123.8 | 5.13 | 130.2 | 5.00 | 127.0 | 1.50 | 38 | 5.0 | 2.3 |
| 3 | 80 | 2.00 | 50.8 | 5.38 | 136.5 | 5.88 | 149.2 | 5.44 | 138.1 | 1.69 | 43 | 6.5 | 2.9 |
| 4 | 100 | 2.25 | 57.2 | 6.88 | 174.6 | 7.13 | 181.0 | 6.25 | 158.7 | 2.75 | 69.8 | 11.6 | 5.3 |
| 5 | 125 | 2.50 | 63.5 | 7.75 | 196.9 | 8.50 | 215.9 | 6.75 | 171.4 | 3.63 | 92.0 | 15.5 | 7.0 |
| 6 | 150 | 2.75 | 69.9 | 8.75 | 222.3 | 9.88 | 250.8 | 7.50 | 190.5 | 4.50 | 114.3 | 20.6 | 9.4 |
| 8 | 200 | 2.88 | 73.0 | 11.00 | 279.4 | 12.13 | 308.0 | 8.75 | 222.2 | 5.75 | 146.0 | 33.0 | 15.0 |
| 10 | 250 | 3.13 | 79.4 | 13.38 | 339.7 | 14.25 | 362.0 | 10.00 | 254.0 | 7.50 | 190.5 | 48.5 | 22.0 |
| 12 | 300 | 3.38 | 85.7 | 16.13 | 409.6 | 16.63 | 422.3 | 11.25 | 285.7 | 8.75 | 222.2 | 72.8 | 33.0 |

**FOR REFERENCE ONLY**