

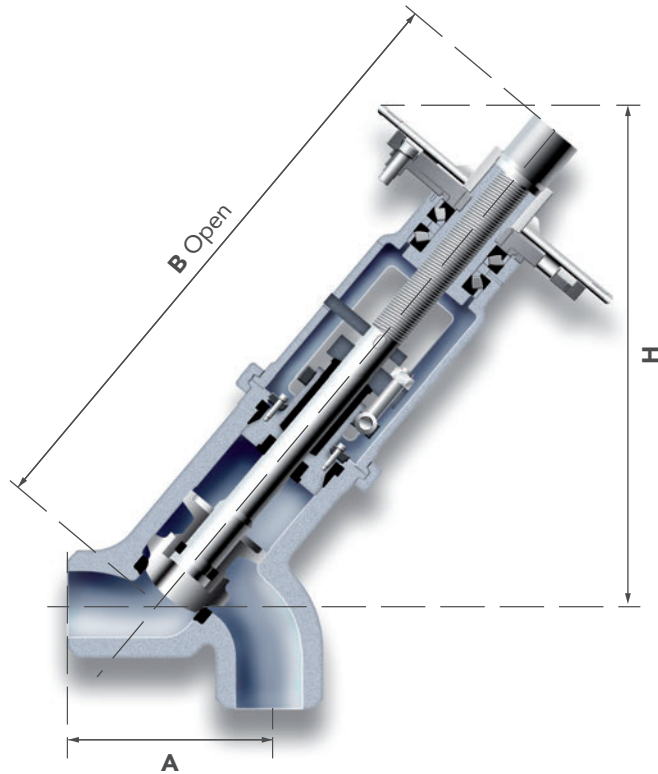


- Design:** ASME B16.34 & API-600 or BS-1873
- Sizes:** 2" - 24" (other sizes under request)
- ANSI Class:** 600 - 4500
- Face to Face:** ASME B16.10
- Flanged Ends:** From 2" to 24" as per ASME B16.5; above 24" as per ASME B16.47 or MSS-SP-44. Others upon request
- Butt Weld Ends:** ASME B16.25
- Test:** ASME B16.34, API 598, BS EN 12266-2 (BS 6755), ISO 5208. Others under request.
- Construction / Features:**
- Low pressure drop
  - Excellent resistance to thermal changes
  - Quick and easy repair in the line
  - Equalizer increases disc lift
  - Seat integrally stellite
  - Disc fully guided
  - Renewable disc guide bushing
  - Drop-tight shut-off
  - Pressure seal desing with clamp, easy to disassemble
  - Narrow tapered cone seat faces
  - Stem guide collar to prevent stem rotation
  - Impact gear operator with heavy weight construction
  - A portable air wrench operating from 90 psi plant compressed air supply permits turning the valve stem
  - Combined radial and thrust bearings transmit heavy opening and closing loads
- Accessories:** Bypass, overpressure protection device, handwheel with chain, balance hole, lantern ring, belows seal, limit micro switches, spring loading packing
- 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, 310, 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**

<b>ANSI 600 lbs</b>	<b>All sizes</b>	<b>ANSI 2500 lbs</b>	<b>All sizes</b>
14806 Raised face	RF ends	14825 Raised face	RF ends
14706 Butt weld	BW ends	14725 Butt weld	BW ends
<b>ANSI 900 lbs</b>	<b>All sizes</b>	<b>ANSI 4500 lbs</b>	<b>All sizes</b>
14809 Raised face	RF ends	14845 Raised face	RF ends
14709 Butt weld	BW ends	14745 Butt weld	BW ends
<b>ANSI 1500 lbs</b>	<b>All sizes</b>		
14815 Raised face	RF ends		
14715 Butt weld	BW ends		



dimensions & weights chart

asme class	1500					
	SIZE	8"	10"	12"	14"	16"
	A	521	660	717	862	914
	B	1520	1875	2200	2650	3250
	H	1250	1650	1780	2000	2650
	WEIGHT (BW)	1500	2800	3100	4200	5900

asme class	2500					
	SIZE	8"	10"	12"	14"	16"
	A	635	790	855	950	1020
	B	1660	1930	2320	2780	3370
	H	1320	1770	1840	2110	2760
	WEIGHT (BW)	1800	3010	3350	4550	6550

All dimensions are shown in milimeters and weights in Kg.  
Gear actuator or Impactor gear operator is recommended for all sizes.