

- Design:** ASME B16.34 & API-600 or BS-1414
- Sizes:** 2" - 48" (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:**
- O.S & Y. Rising Stem
  - Double Wedge with double discs with parallel seat rings
  - Threaded. Welded or integral Seat Ring
  - Metal Seats
  - Pressure seal desing with clamp. easy to disassemble
  - Manual and actuator operated (electric. pneumatic. hydraulic...)
- 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**

**ANSI 600 lbs**  
85806 Raised face  
85706 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 2500 lbs**  
85825 Raised face  
85725 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 900 lbs**  
85809 Raised face  
85709 Butt weld

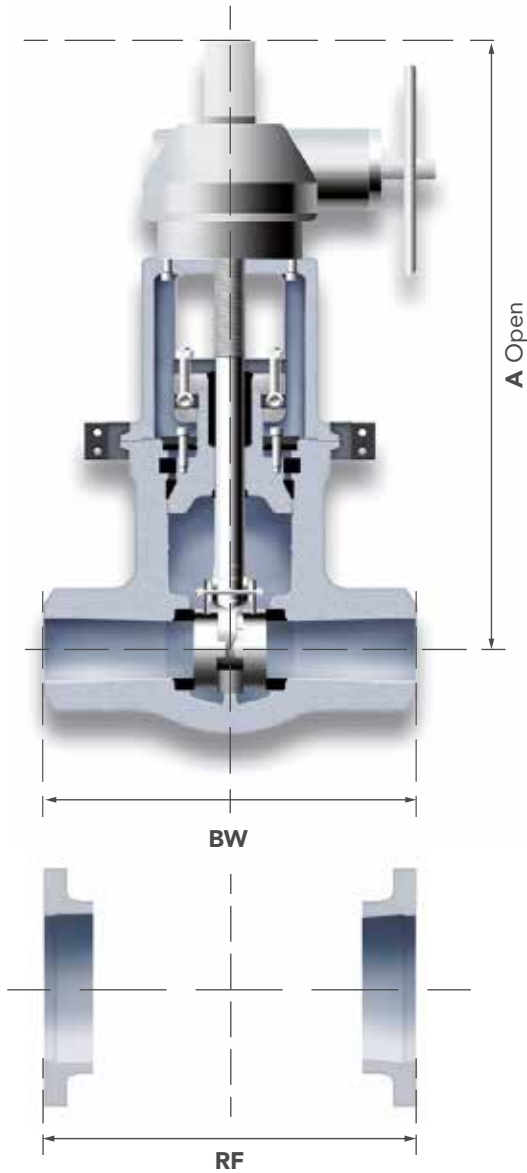
**All sizes**  
RF ends  
BW ends

**ANSI 4500 lbs**  
85845 Raised face  
85745 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 1500 lbs**  
85815 Raised face  
85715 Butt weld

**All sizes**  
RF ends  
BW ends



### dimensions & weights chart

asme class	SIZE	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
		RF	419.1	381	457.2	609.6	736.6	838.2	965.2	1028.7	1130.3	1219.2	1320.8
	BW	254	304.8	355.6	508	660.4	787.4	914.4	990.6	1092.2	1219.2	1320.8	1549.4
	A	665	690	725	1040	1200	1400	1462	1700	1885	2265	2500	-
	WEIGHT (BW)	80	83	106	254	445	763	996	1770	2205	3222	4134	6254
	SIZE	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
900	RF	419.1	469.9	546.1	704.8	831.8	990.6	1130.3	1257.3	1384.3	1536.7	1663.7	1943.1
	BW	254	304.8	406.4	558.8	711.2	863.6	990.6	1066.8	1193.8	1346.2	1473.2	1943.1
	A	675	700	900	1134	1293	1510	1530	2230	2238	2250	2320	-
	WEIGHT (BW)	85	87	191	382	641	1113	1495	2396	2841	4346	5247	8353
	SIZE	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
1500	RF	508	577.8	673.1	914.4	1022.3	1270	1422.4	-	-	-	-	-
	BW	330.2	368.3	457.2	609.6	762	614.4	1041.4	1117.6	1244.6	1397	1397	-
	A	818	835	960	981	1330	1405	1682	2106	2200	2300	2445	-
	WEIGHT (BW)	159	167	254	477	795	1558	2459	3138	3795	5056	6487	9540
	SIZE	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
2500	RF	508	577.8	673.1	914.4	1022.3	1270	1422.4	-	-	-	-	-
	BW	330.2	368.3	457.2	609.6	762	614.4	1041.4	1117.6	1244.6	1397	1397	-
	A	818	835	960	981	1330	1405	1682	2106	2200	2300	2445	-
	WEIGHT (BW)	159	167	254	477	795	1558	2459	3138	3795	5056	6487	9540

*All dimensions are shown in millimeters and weights in Kg. (weights for BW)*

*Gear actuator is recommended for: ASME Class 600/900/1500: ≥10"*

*ASME Class 2500: ≥6"*