

- Design:** ASME B16.34 & API6D or BS-1868
- Sizes:** 1/2" - 48" (other sizes under request)
- ANSI Class:** 150 - 2500
- 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
  - Bolted Cover
- Accessories:** 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 150 lbs**  
42801 Raised face  
42701 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 900 lbs**  
42809 Raised face  
427069 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 300 lbs**  
42803 Raised face  
42703 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI1500 lbs**  
42815 Raised face  
42715 Butt weld

**All sizes**  
RF ends  
BW ends

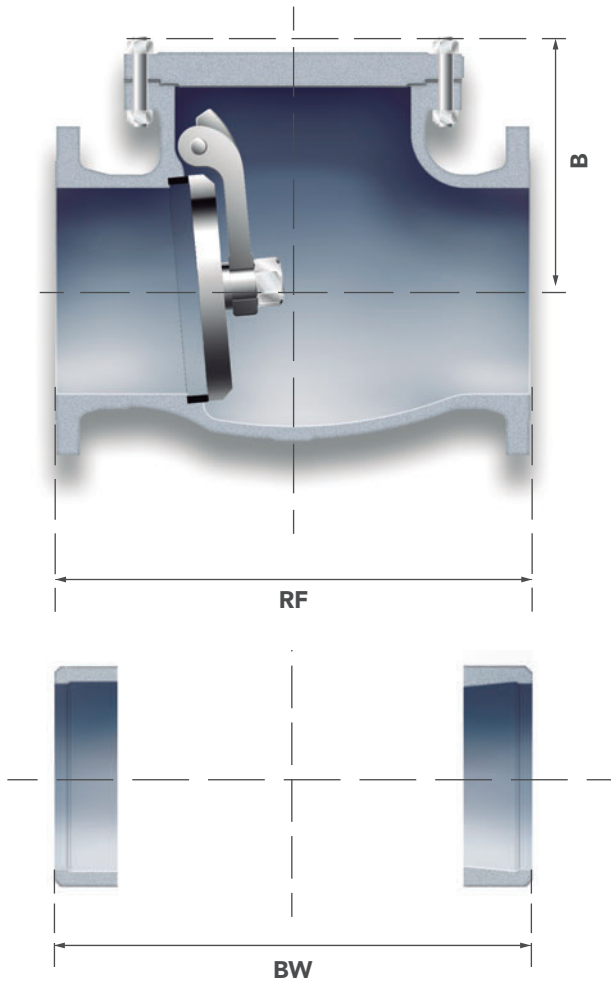
**ANSI 600 lbs**  
42806 Raised face  
42706 Butt weld

**All sizes**  
RF ends  
BW ends

**ANSI 2500 lbs**  
42825 Raised face  
42725 Butt weld

**All sizes**  
RF ends  
BW ends

### dimensions & weights chart



asme class

asme class	SIZE	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	34"	36"
150	RF-BW	203.2	215.9	241.3	292.1	355.6	495.3	622.3	698.5	787.4	863.6	915	977.9	1295.4	1447.8	1524	1651	1955.7
	B	160	168	178	210	260	305	388	434	520	406	540	546	635	700	812	960	980
	WEIGHT (BW)	13	15	20	25	58	99	148	233	293	466	559	446	852	1410	1780	2250	2900
	WEIGHT (RF)	18	25	32	46	80	135	178	290	395	541	628	858	996	1590	1995	2625	3080
300	SIZE	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	34"	36"
	RF-BW	266.7	292.1	317.5	355.6	444.5	533.4	622.3	711.2	838.2	863.6	977.9	1016	1346.2	-	1593.9	-	2082.8
	B	178	138	209	240	304	356	405	468	420	447	505	672	786	-	830	-	1015
	WEIGHT (BW)	17	19	33	63	108	158	244	420	455	706	756	660	1760	2230	2740	3600	4510
WEIGHT (RF)	22	29	42	72	118	196	325	453	604	848	935	1240	1850	2610	3660	4400	6100	
600	SIZE	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"				
	RF-BW	292.1	330.2	355.6	431.8	558.8	660.4	787.4	838.2	889	990.5	1092.2	1193.8	1397				
	B	200	215	235	296	355	425	508	552	648	673	698	862	990				
	WEIGHT (BW)	24	37	47	68	155	270	390	610	690	920	1290	1760	3425				
WEIGHT (RF)	33	44	59	93	215	347	560	730	885	1320	1630	2110	3090					
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				
	BW	368.3	254	304.8	355.6	508	660.4	787.4	914.4	990.6	1092.2	1219.2	1320.8	1584.4				
	B	240	240	245	292	330	406	432	521	572	622	658	722	824				
WEIGHT (BW)	53	65	74	116	235	392	635	875	1100	1590	2650	3500	4700					
WEIGHT (RF)	72	95	114	162	315	495	825	1090	1355	1870	2980	3970	5200					
1500	SIZE	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"				
	RF	368.3	419.1	469.9	546.1	704.9	831.9	990.6	1130.3	157.3	1384.3	1536.7	1663.7	1943.1				
	BW	215.9	254	304.8	406.4	558.8	711.2	863.6	990.6	1066.8	1193.8	1536.7	1663.7	1943.1				
	B	260	260	265	318	360	457	558	660	762	914	969	1194	1448				
WEIGHT (BW)	55	70	120	180	460	790	1080	1820	2340	3450	5300	7650	8300					
WEIGHT (RF)	75	100	150	250	560	1100	1510	2320	3100	4600	6200	8200	9900					
2500	SIZE	2"	2 1/2"	3"	4"	6"	8"											
	RF	-	-	577.8	673.1	914.4	1022.3											
	BW	-	-	368.3	457.2	609.6	762											
	B	-	-	275	325	415	533											
WEIGHT (BW)	-	-	250	550	670	2050												
WEIGHT (RF)	-	-	300	670	820	2460												

All dimensions are shown in millimeters and weights in Kg.