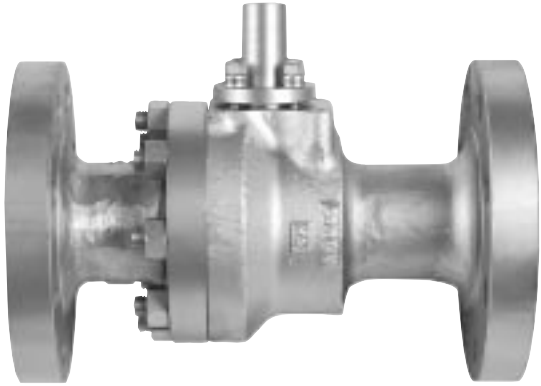
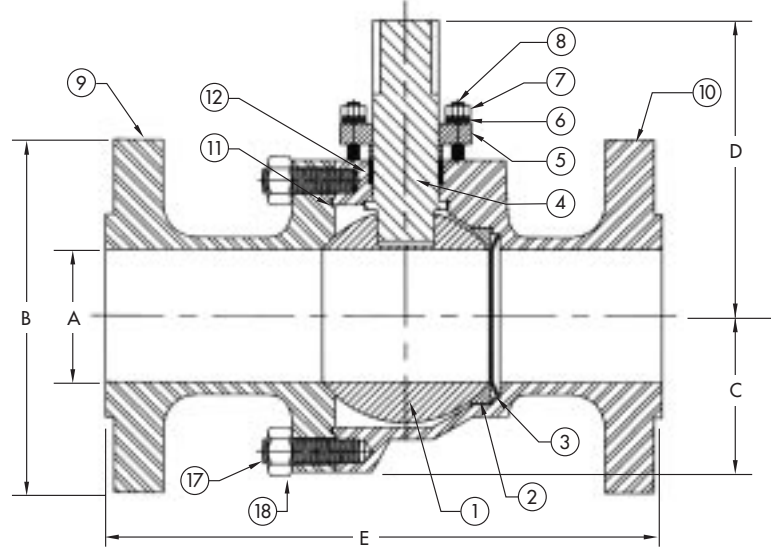


V1-2

VALVTECHNOLOGIES



Flanged Ball Valves ANSI 150-600 15mm-900mm



BILLS OF MATERIAL

ITEM	DESCRIPTION	(MODEL NO. B** C6-RF-RP or FP)	(MODEL NO. B** 22-RF-RP or FP)	QTY.
		CARBON STEEL STD. TRIM	316 STAINLESS STEEL STD. TRIM	
1	BALL	4130/RAM31	316 S.S./RAM31	1
2	UPSTREAM SEAT	4130/H.F.	A182-F316/H.F.	1
3	BELLEVILLE SPRING	17-4ph	17-4ph	1
4	STEM	4130/H.F.	316 S.S./H.F.	1
5	GLAND	4130/H.F.	316 S.S./H.F.	1
6	GLAND LOAD SPRING	302 S.S.	302 S.S.	24
7	GLAND NUT	A194 Gr. 8M	A194 Gr. 8M	4
8	GLAND STUD	A193 Gr. B8M	A193 Gr. B8M	4
9	END CAP	A216-WCB/RAM31	A351 GR CF8M/RAM31	1
10	BODY	A216-WCB	A351 GR CF8M	1
11	BODY GASKET	*GRAFOIL	*GRAFOIL	1
12	GLAND PACKING	GRAFOIL/316 S.S.	GRAFOIL/316 S.S.	3
17	BODY STUD	A193 Gr. B7	A193 Gr. B8M	8
18	BODY NUT	A194 Gr. 2H	A194 Gr. 8M	8

*For ball sizes below 75mm, the body gasket is a pressure seal gasket.
**B3 = 150#, B5 = 300#, B6 = 600# RP = Red. Port; FP = Full Port

FULL PORT DIMENSIONS (ANSI 150/300/600)

NOMINAL SIZE		A			B			C			D			E(RF)			STEM DIA.	APPROXIMATE WEIGHTS (kg)			C _v
IN	DN	150	300	600	150	300	600	150	300	600	150	300	600	150	300	600	ALL CLASSES	150	300	600	ALL CLASSES
1/2	15	16	16	16	89	95	95	32	32	32	51	51	51	108	140	165	13	4	5	6	28
3/4	20	16	16	16	99	117	117	32	32	32	51	51	51	117	152	191	13	4	5	9	26
1	25	27	27	27	108	124	124	48	48	48	74	74	74	127	165	216	19	6	9	11	102
1 1/2	40	27	27	27	127	155	155	48	48	48	74	74	74	165	191	241	19	8	10	14	90
2	50	54	54	54	152	165	165	86	86	86	127	127	127	178	216	292	25	13	14	18	535
3	80	78	78	78	191	210	210	102	102	102	184	184	184	203	282	356	38	43	50	88	1,300
4	100	103	103	103	229	254	273	114	114	114	229	229	229	229	305	432	51	64	77	127	2,575
6	150	154	154	154	279	318	356	152	152	165	325	325	325	325	403	559	64	186	204	304	5,555
8	200	205	205	205	343	381	419	203	203	216	445	445	445	457	502	660	89	313	349	476	10,840
10	250	256	256	256	406	445	508	262	262	262	494	494	494	533	588	787	102	481	522	835	17,825
12	300	306	306	306	483	521	559	318	318	330	559	559	559	610	648	838	127	835	898	1,202	26,745
14	350	306	306	306	533	584	603	318	318	330	559	559	559	686	762	889	127	989	971	1,320	25,215
16	400	387	387	387	597	648	686	368	368	387	775	775	775	762	838	991	178	1,520	1,588	2,177	44,025

Note: Cv values are based upon Class 150 valves with a Sch. 40 Pipe ID. Consult factory for other configurations.

REDUCED PORT DIMENSIONS (ANSI 150/300/600)

NOMINAL SIZE		A			B			C			D			E(RF)			STEM DIA.	APPROXIMATE WEIGHTS (kg)			C _v
IN	DN	150	300	600	150	300	600	150	300	600	150	300	600	150	300	600	ALL CLASSES	150	300	600	ALL CLASSES
1	25	16	16	16	108	124	124	32	32	32	51	51	51	127	165	216	13	5	6	10	38
2	50	38	38	38	152	165	165	54	54	54	95	95	95	178	216	292	19	11	13	18	220
3	80	54	54	54	191	210	210	86	86	86	127	127	127	203	282	356	25	16	19	29	500
4	100	78	78	78	229	254	273	102	102	102	184	184	184	229	305	432	38	45	57	64	1,220
6	150	103	103	103	279	318	356	114	114	114	229	229	229	267	403	559	51	82	98	116	1,950
8	200	130	130	130	343	381	419	137	152	165	284	325	325	292	502	660	64	163	277	345	4,165
10	250	181	205	205	406	445	508	181	203	216	343	445	445	330	568	787	89	218	526	676	9,245
12	300	205	256	256	483	521	559	203	262	262	494	494	494	356	648	838	102	404	812	1,111	12,230
14	350	256	256	256	533	584	603	262	262	262	494	494	494	381	762	889	102	640	1,043	1,338	21,130
16	400	306	306	306	597	648	686	262	318	330	559	559	559	406	838	991	127	789	1,157	1,497	20,460

Note: Cv values are based upon Class 150 valves with a Sch. 40 Pipe ID. Consult factory for other configurations.

AVAILABLE OPTIONS:

Bi-Directional Sealing

Control Trim

Special End Connections

Special Hard Coatings

Various Materials of Construction

Sizes up to 900mm

Elevated Temperature Options

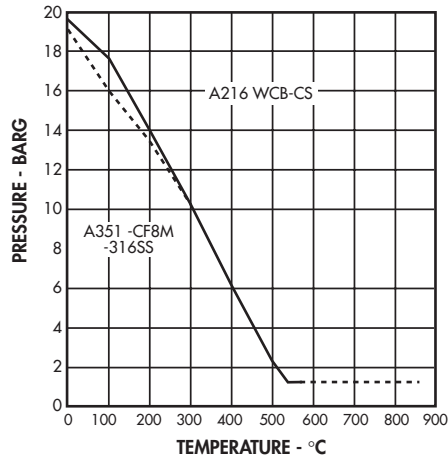
Wafer Style

Forged Steel Construction

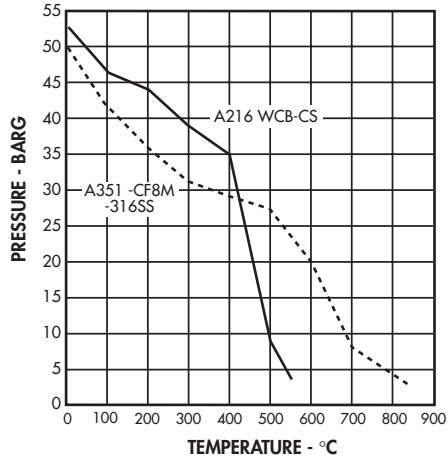
Integral Seat, Zero Leakage, Severe Service Metal Seated Ball Valves

V1-2 PRESSURE - TEMPERATURE RATINGS

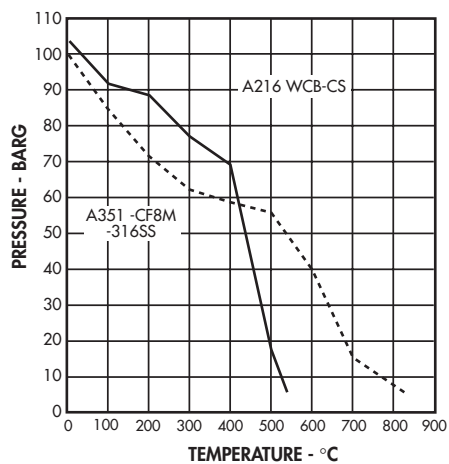
ANSI 150



ANSI 300



ANSI 600



Pressure-Temperature ratings are in accordance with ASME/ANSI B16.34 - 1996



ASME International