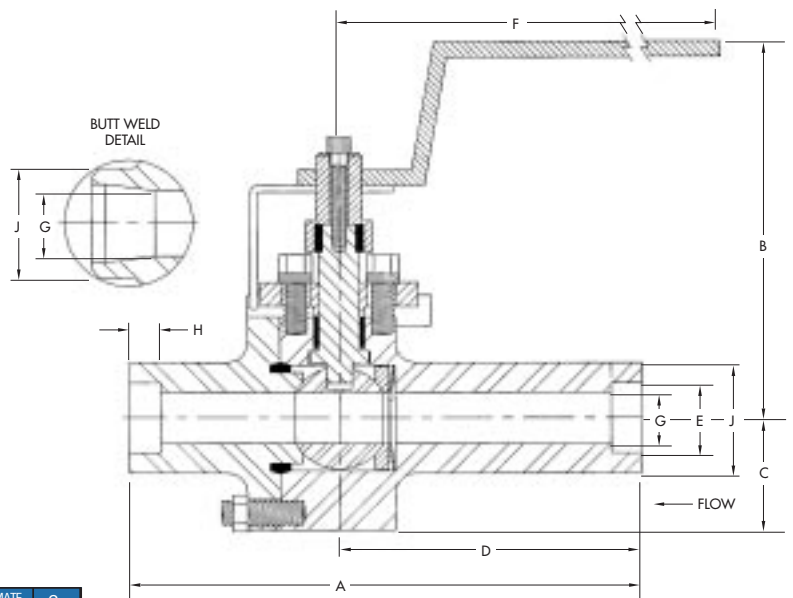


Investment Cast Ball Valves ANSI 150-600 15mm-50mm



Note: Drawing represents 13mm and 19mm valves only.

BUTT WELD ENDS

NOMINAL SIZE		A	B	C	D	F	G	J	STEM DIA.	APPROXIMATE WEIGHT (kg)	C _v
IN	DN										
1/2	15	160	117	35	95	181	16	21	13	4	20
3/4	20	160	117	35	95	181	16	27	13	4	32
1	25	160	117	35	107	181	16	33	13	5	38
1	25	197	144	48	103	381	27	33	19	10	117
1 1/2	40	197	144	48	137	381	27	48	19	11	73
2	50	349	144	48	137	381	27	48	19	12	49

SOCKET WELD ENDS

NOMINAL SIZE		A	B	C	D	E	F	G	H	J	STEM DIA.	APPROXIMATE WEIGHT (kg)	C _v
IN	DN												
1/2	15	160	117	35	95	22	181	16	10	34	13	4	24
3/4	20	160	117	35	95	27	181	16	13	38	13	5	24
1	25	160	117	35	95	34	181	16	13	48	13	5	18
1	25	197	144	48	105	34	381	27	13	61	19	10	104
1 1/2	40	197	144	48	103	49	381	27	19	61	19	10	59
1 1/2	40	241	160	57	127	49	457	38	19	76	19	13	270
2	50	286	144	48	147	61	381	27	19	76	19	11	46
2	50	249	160	57	127	61	457	38	19	76	19	13	114
2	50	292	184	73	127	61	457	54	19	76	25	16	467

* Symmetric about stem centerline.

BILLS OF MATERIAL

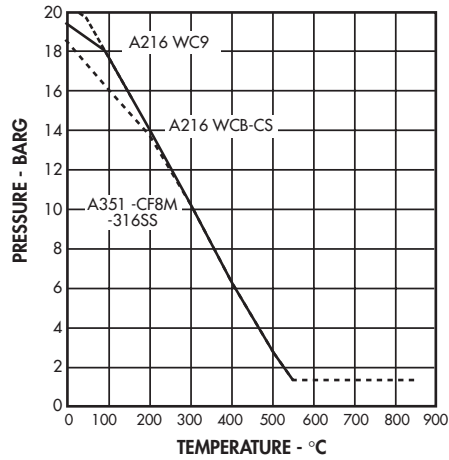
ITEM	DESCRIPTION	A105 CARBON STEEL BODY TRIM	316 STAINLESS STEEL BODY TRIM	F22 (2 1/4 Cr.-1 Mo.) ALLOY STEEL	QTY.
1	BALL	A182-F316/RAM31	A182-F316/RAM31	410S.S./RAM31	1
2	UPSTREAM SEAT	A182-F316/H.F.	A182-F316/H.F.	A182-F316/H.F.	1
3	BELLEVILLE SPRING	INCONEL 718	INCONEL 718	INCONEL 718	1
4	STEM	316 S.S.	316 S.S.	316 S.S.	1
5	GLAND	A182-F22/H.F.	A182-F22/H.F.	A182-F22/H.F.	1
6	GLAND LOAD SPRING	302 S.S.	302 S.S.	302 S.S.	24
7	GLAND NUT	A194 Gr. 8M	A194 Gr. 8M	A194 Gr. 8M	4
8	GLAND STUD	A193 Gr. B8M	A193 Gr. B8M	A193 Gr. B8M	4
9	END CAP/INTEGRAL SEAT	A105/RAM31	A182 -F316/RAM31	A182 -F22/RAM31	1
10	BODY	A216-WCB	A351 GR CF8M	A217-WC9	1
11	BODY GASKET	17-4 <small>consult factory for other materials</small>	17-4	17-4	1
12	GLAND PACKING	316 S.S./GRAFOIL	316 S.S./GRAFOIL	316 S.S./GRAFOIL	1
13	KEY	STEEL	STEEL	STEEL	2
15	DRIVE SLEEVE	4130	4130	4130	1
16	HANDLE	STEEL	STEEL	STEEL	1
17	BODY STUD	A193 Gr. B8M	A193 Gr. B8M	A193 Gr. B8M	4**
18	BODY NUT	A194 Gr. 8M	A194 Gr. 8M	A194 Gr. 8M	4**

AVAILABLE BODY OPTIONS:

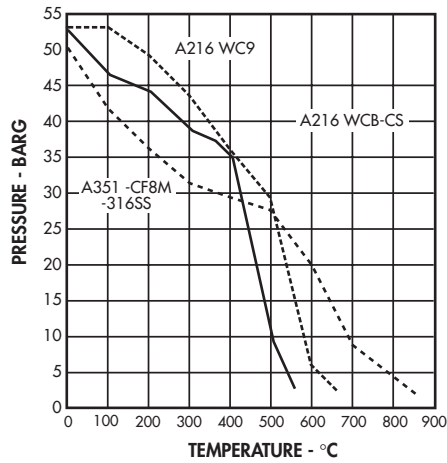
- Titanium
- Inconel
- Monel
- Nickel
- Duplex Stainless Steel
- 347 Stainless Steel
- 5 Chrome
- 9 Chrome
- WCB
- Hastelloy

V1-3 PRESSURE - TEMPERATURE RATINGS

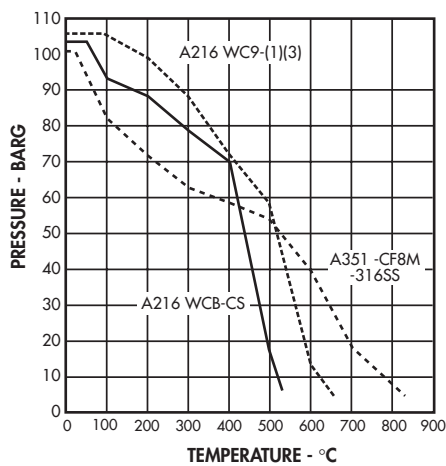
ANSI 150



ANSI 300



ANSI 600



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



ASME International