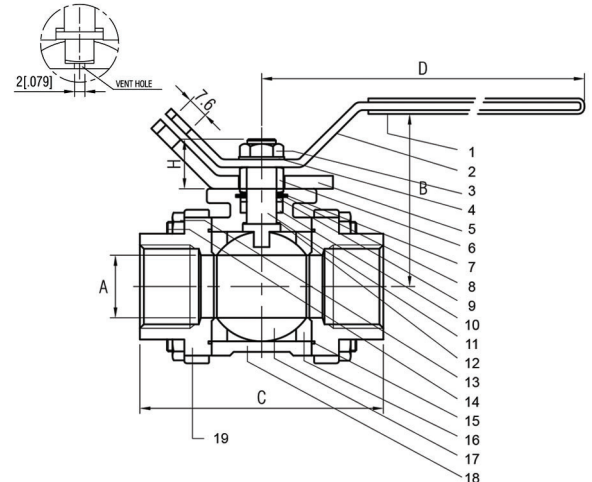
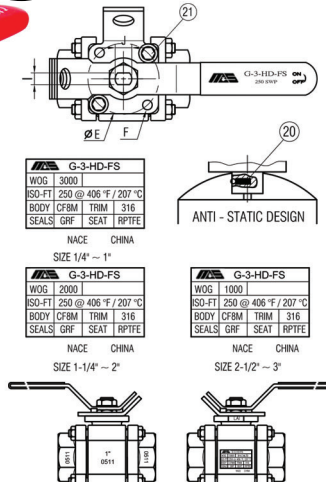


G Series Investment Cast Stainless Steel High Pressure API 607 Ball Valves

G3-HDFS

G3-HDFS-TSW (NPT x SW ends)
G3-HDFS-SW (SW ends)

2.10

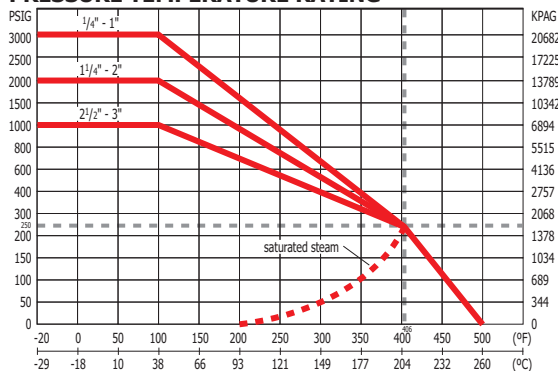


- Full port / Floating ball
- NPT threads to ANSI B1.20.1
- 3 piece body with blowout-proof stem
- Encapsulated bolt design
- Adjustable live loaded packing nut
- **250 PSIG saturated steam rated**
- Fire-safe certified to API 607
- Anti-static design
- Positive Lock-out device
- ISO 5211 mounting pad
- 3000 PSI, WOG 1/4" to 1"
- 2000 PSI, WOG 1-1/4" to 2"
- 1000 PSI, WOG 2-1/2" to 3"
- Complies to NACE MR-0103
- Complies with manufacturer requirements of NACE MR0175/ISO15156
- ASME B16.34 Class 600,900 & 1500 Wall Thickness

Also available;
• Model G3-HDFS-TSW (NPT x SW ends)
• Model G3-HDFS-SW (SW ends)

NAME / MATERIAL		
NO.	PART NAME	MATERIAL
1	Handle Grip	Vinyl
2	Handle	A276 TYPE 304
3	Handle Nut	A276 TYPE 304
4	Handle Washer	A276 TYPE 304
5	Lock-Out Plate	A276 TYPE 304
6	Gland Nut	A276 TYPE 304
7	Lock Washer	A276 TYPE 304
8	Belleville Washer	S.S.301
9	Gland	A276 TYPE 304
10	Packing	GRAPHITE
11	Stem	A276 TYPE 316
12	Thrust Washer	R-PTFE (TFM4215)
13	Hex Nut	A194 GRADE 8MA
14	Stud Bolt	A193 GRADE B8MA
15	Gasket	S.S. 304 + GRAPHITE
16	Seat	R-PTFE (TFM4215)
17	Ball	A351 GRADE CF8M
18	Body	A351 GRADE CF8M
19	Cap	A351 GRADE CF8M A351 GRADE CF3M (FOR SW)
20	Spring & pin	A276 TYPE 304
21	Stopper	A276 TYPE 304

PRESSURE TEMPERATURE RATING



DIMENSIONS													
SIZE		mm/in A	mm/in B	mm/in C	mm/in D	mm/in E	mm/in H	mm/in I	mm/in J	mm/in F	ISO 5211 FLANGE TYPE	CV	WEIGHT KGS/ LBS
8	1/4	10	65.8	64.5	120	36	15.5	5.5	8.1	M6	F03	11	0.68
		0.37	2.59	2.54	4.72	1.417	0.61	0.22	0.32				1.499
10	3/8	10	65.8	64.5	120	36	15.5	5.5	8.1	M6	F03	11	0.68
		0.37	2.59	2.54	4.72	1.417	0.61	0.22	0.32				1.499
15	1/2	15	68.5	68.5	120	36	15.5	5.5	8.1	M6	F03	26	0.82
		0.50	2.70	2.70	4.72	1.417	0.61	0.22	0.32				1.808
20	3/4	20	75	80.5	139	42	18.5	6.5	9.6	M6	F04	50	1.35
		0.75	2.95	3.17	5.47	1.654	0.73	0.26	0.38				2.976
25	1	25	79	91.5	139	42	18.5	6.5	9.6	M6	F04	68	1.82
		1.00	3.11	3.60	5.47	1.654	0.73	0.26	0.38				4.012
32	1 1/4	32	88.5	100.5	193	50	23.5	8	12.8	M8	F05	120	2.81
		1.25	3.48	3.96	7.60	1.969	0.93	0.32	0.50				6.195
40	1 1/2	38	94.5	117	193	70	23.5	8	12.8	M8	F07	170	4.64
		1.50	3.72	4.61	7.60	2.756	0.93	0.32	0.50				10.299
50	2	50	107	133.5	193	70	27.0	10	16.1	M8	F07	360	7.64
		2.00	4.21	5.26	7.60	2.756	1.06	0.39	0.63				16.843
65	2 1/2	65	129.5	157.8	244	102	30.0	12	19.25	M8	F10	510	10.77
		2.50	5.10	6.21	9.61	4.016	1.18	0.47	0.76				23.744
80	3	78	139.5	178	244	102	30.0	12	19.25	M8	F10	900	15.70
		3.00	5.49	7.01	9.61	4.016	1.18	0.47	0.76				34.612