

Valvault - High performance ball valve

H-7100 - THREE-PIECE BALL VALVE WITH ISO 5211 TOP MOUNTING

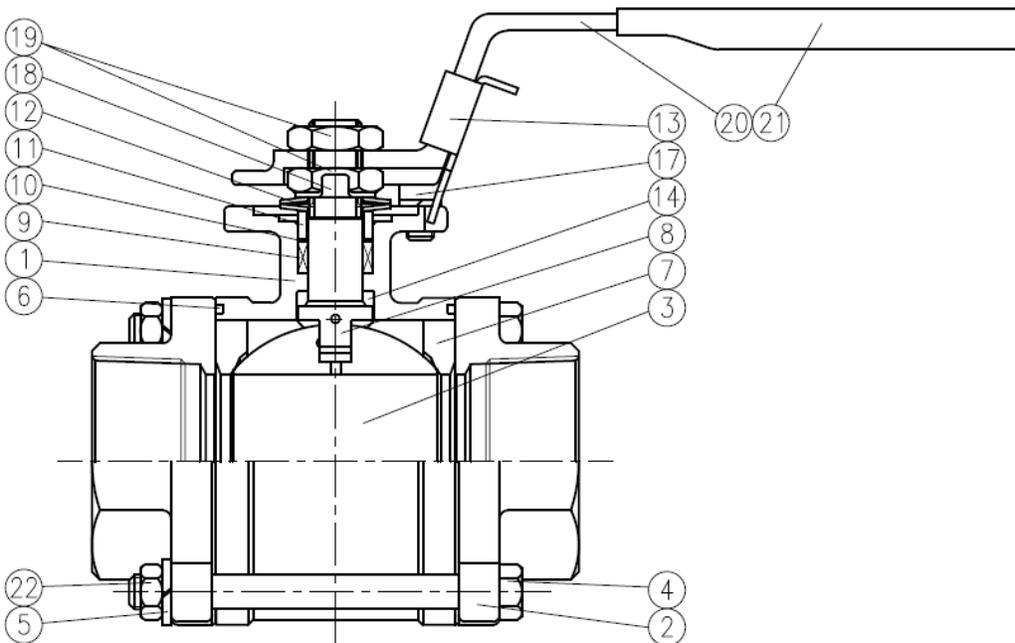
MATERIALS OF CONSTRUCTION

No.	Part name	Material	Quantity
1	Body	CF8M / WCB, 1.4408 / 1.0619	1
2	Cap*1	CF8M / WCB, 1.4408 / 1.0619	2
3	Ball	ASTM A351 Gr. CF8M	1
4	Bolt	A2-70	4
5	Bolt Washer	304SS	4
6	Body gasket	PTFE	2
7	Ball seat	PTFE	2
8	Anti-static stem	A276 TYPE 316	1
9	Stem packing	PTFE	1 set
10	Thrust washer	50% S.S powder / 50% PTFE	1
11	Gland	304SS	1
12	Belleville disc spring	Stainless steel	2
13	Locking trigger	Stainless steel	1
14	Stem seal	TFM1600	1
17	Stop bolt	Stainless steel	1
18	Lock saddle	Stainless steel	1
19	Stem nut	304SS	1-2
20	Handle	304SS	1
21	Handle sleeve	Vinyl	1
22	Bolt nut	A2-70	4

*1: Stainless steel welded connectors are CF3M / 1.4409

FEATURES

- Complies with TA - Luft fugitive emission requirements
- ISO 15848-1 CO3 qualified
- Three-piece swing out design
Carbon steel or stainless steel bodies
- Size range DN 15 (NPS 1/4) to DN50 (NPS 2) - Full bore
- Valve pressure rating:
DN 8 - 40 (NPS 1/2 - 1-1/2) - PN63
DN 50 (NPS 2) - PN40
- ISO 5211 top mounting plate
- Blow-out proof stem and anti-static design
- End connections flanged (PN25/40 F1),
screwed, butt weld or socket weld, extended
butt weld sch5 & sch10, A-Lock



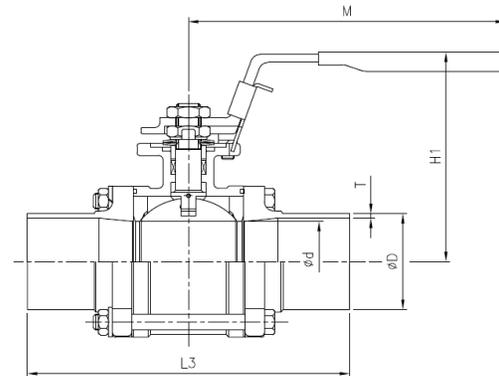
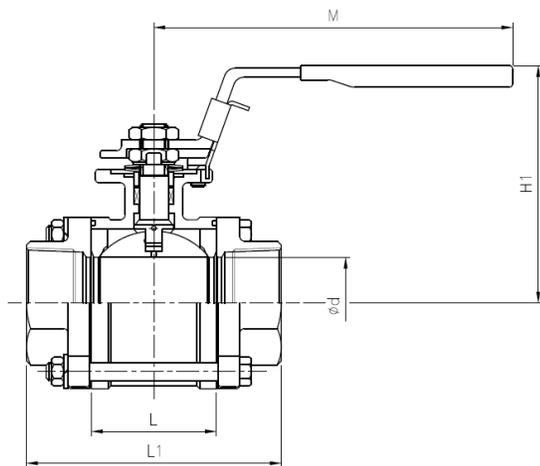
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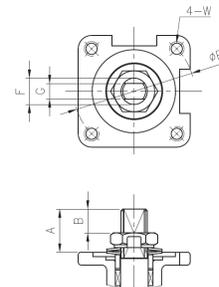
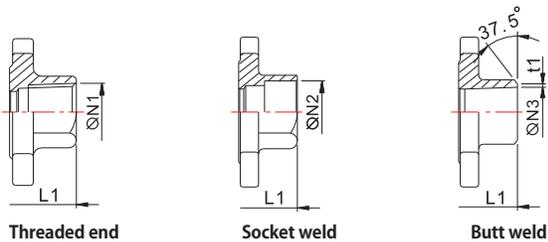
DIMENSIONS (mm)

NPS	DN	ød	ØN1	ØN2	ØN3	t1	L	L1	H1±1	M	A	B	G	F	ØP	W	Wt(kg) Threaded SW,BW
1/2	15	15.0	BSPP BSPT NPT	21.7	15.8	0.8	26.5	72.1	84.0	135.0	19.8	12.5	6.3	9.7	42.0	M5	0.45
3/4	20	20.0		27.1	20.9	1.0	33.2	85.0	87.0	135.0	20.0	12.5	6.3	9.7	42.0	M5	0.95
1	25	25.0		33.8	26.6	1.6	37.7	92.0	97.0	165.0	21.0	13.7	8.0	11.2	50.0	M6	1.40
1-1/2	40	38.0		48.6	40.9	1.6	58.8	123.0	116.0	200.0	24.6	13.9	9.5	16.0	70.0	M8	3.10
2	50	50.8		61.1	52.5	1.6	69.6	142.0	125.5	200.0	25.1	13.9	9.5	16.0	70.0	M8	4.70
2-1/2	65	65.0		77.1	62.7	2.0	86.5	174.0	161.0	250.0	41.6	26.1	17.0	22.3	102.0	M10	8.90
3	80	76.0		90.2	78.0	2.0	102.6	193.0	170.0	250.0	42.0	25.4	17.0	22.3	102.0	M10	14.1
4	100	97.4		115.1	104.3	1.6	125.4	221.4	182.0	500	47.8	29.2	17.0	22.3	102.0	M10	22.0

NPS	DN	ød	T			ØD	M	H1	L3	Wt (kg)
			5S	10S	Ext. BW					
1/2	15	15.0	1.65	2.1	21.7	135	84	139.7	0.98	
3/4	20	20.0	1.65	2.1	27.2	135	87	139.7	1.18	
1	25	25.0	1.65	2.8	34.0	165	97	154.2	1.80	
1-1/2	40	38.0	1.65	2.8	48.6	200	116	190.5	3.90	
2	50	50.8	1.65	2.8	60.5	200	125	203.2	5.42	
2-1/2	65	65.0	2.10	3.0	76.3	250	161	254.0	10.42	
3	80	76.0	2.10	3.0	89.1	250	170	279.4	15.74	
4	100	97.4	2.10	3.0	114.3	595	182	317.5	23.06	



Extended butt welded
DN15-50 (NPS 1/2-2)
SCH#5/SCH#10



Top work