

3-Piece Cavity-Filler Ball Valve Tri-Clamp

1000PSI, DN15~DN100

Series 31T(a)

Features

- Cavity-filled reducing area for product build up associated with conventional ball valves
- Internal polished to 0.4, others upon request
- 3-piece bolted design
- Available in Tri-clamp and Extended Tube Butt-Welding ends

Standards

- Inspection & test acc. to API598, EN 12266-1

PMA: 1000PSI@50°C

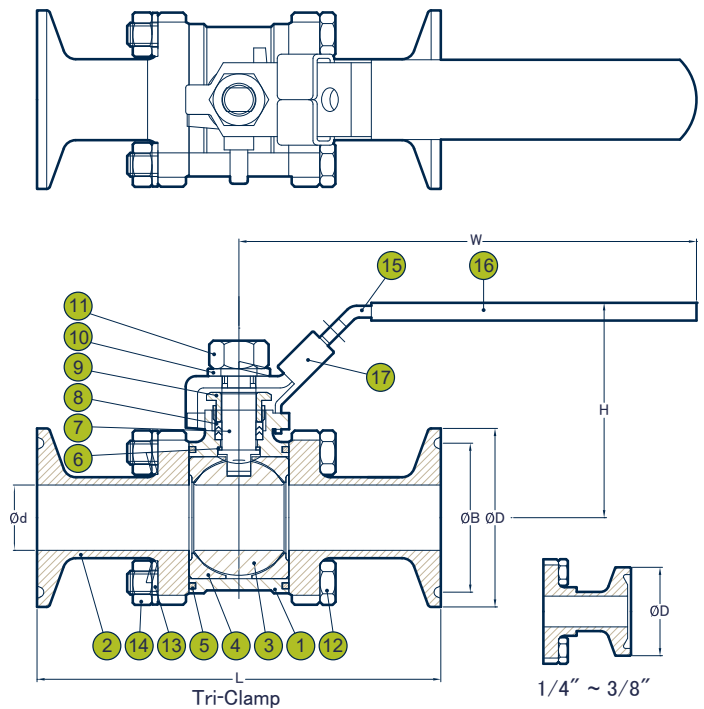
TMA: 180°C

Selection:

Material of Body:
CF8M/1.4408
CF8/1.4308

Material List		
No.	PARTS NAME	MATERIALS
1	BODY	CF8M / CF8
2	CAP	CF3M / CF3
3	BALL	CF8M / CF8
4	BALL SEAT	PTFE
5	BODY SEAL	PTFE
6	THRUST WASHER	PTFE
7	STEM	SS316
8	STEM PACKING	PTFE
9	STEM NUT	SS304
10	HANDLE WASHER	SS304
11	HANDLE NUT	SS304
12	BODY BOLT	SS304
13	BOLT WASHER	SS304
14	BOLT NUT	SS304
15	HANDLE	SS304
16	HANDLE SLEEVE	VINYL
17	HANDLE BLOT	SS304

* Enclosed is a condensed table. For complete options, contact PVS FLOW CONTROL directly.



Dimensions (mm)

Size		d	L	H	W	D	B
IN	DN						
1/2"	15	10.2	93	58	103	25.25	-
3/4"	20	15.8	105	63	128	25.25	-
1"	25	22.1	114	73	155	50.5	43.5
1 1/4"	32	28.5	120	77	155	50.5	43.5
1 1/2"	40	34.8	124	90	194	50.5	43.5
2"	50	47.5	145	98	194	64.0	56.5
2 1/2"	65	60.2	174	136	257	77.5	70.5
3"	80	72.9	192	146	257	91.0	83.5
4"	100	97.4	220	183	284	119.0	110

3-Piece Cavity-Filler Ball Valve Extended Tube Butt-Welding 1000PSI, DN15~DN100

Series 31T(a)

Features

- Cavity-filled reducing area for product build up associated with conventional ball valves
- Internal polished to 0.4, others upon request
- 3-piece bolted design
- Available in Tri-clamp and Extended Tube Butt-Welding ends

Standards

- Inspection & test acc. to API598, EN 12266-1

PMA: 1000PSI@50°C

TMA: 180°C

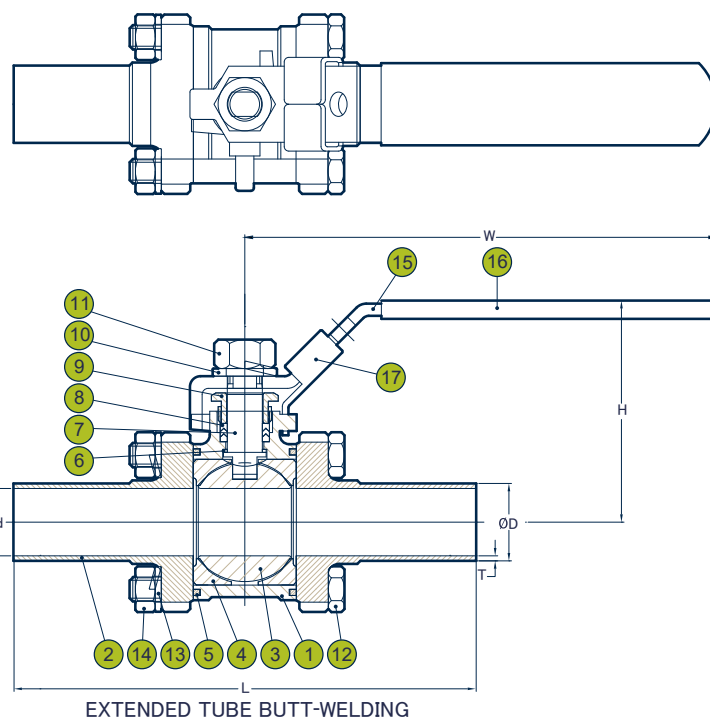
Selection:

Material of Body:
CF8M/1.4408
CF8/1.4308

Material List

No.	PARTS NAME	MATERIALS
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8	STEM PACKING	PTFE
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10	HANDLE WASHER	SS304
11	HANDLE NUT	SS304
12	BODY BOLT	SS304
13	BOLT WASHER	SS304
14	BOLT NUT	SS304
15	HANDLE	SS304
16	HANDLE SLEEVE	VINYL
17	HANDLE BLOT	SS304

* Enclosed is a condensed table. For complete options, contact PVS FLOW CONTROL directly.



Dimensions (mm)

Size		d	L	H	W	D	T
IN	DN						
1/2"	15	10.2	135.4	58	103	12.7	1.24
3/4"	20	15.8	135	63	128	19.05	1.65
1"	25	22.1	162	73	155	25.4	1.65
1 1/4"	32	28.5	157	77	155	31.8	1.65
1 1/2"	40	34.8	200	90	194	38.1	1.65
2"	50	47.5	214	98	194	50.8	1.65
2 1/2"	65	60.2	254	136	257	63.5	1.65
3"	80	72.9	280	146	257	76.2	1.65
4"	100	97.4	306	183	284	101.6	2.11