



High Pressure Direct Mount High Purity 3-Piece Ball Valve 2000PSI, DN8~DN50

Series 35TS(a)

Features

- Cavity-filled reducing area for product build up associated with conventional ball valves
- Integral twin pattern ISO 5211 mounting pad for direct mounting of actuators
- Internal polished to 0.4, others upon request
- 3-piece bolted design
- Also available in Tri-clamp ends

PMA: 2000PSI@50°C

TMA: 180°C

Selection:

Material of Body:
CF8M/1.4408

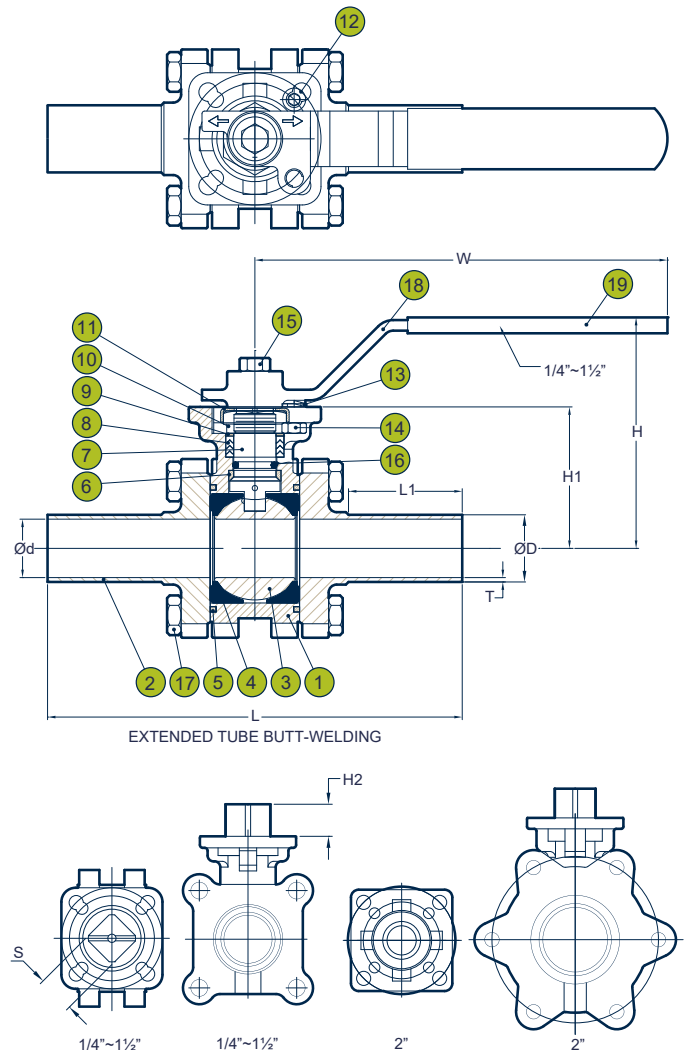
Standards

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

Material List

No.	PARTS NAME	MATERIALS
1	BODY	CF8M
2	CAP	CF3M / CF8M
3	BALL	CF8M
4	BALL SEAT	PTFE
5	BODY SEAL	PTFE
6	THRUST WASHER	PTFE
7	STEM	SS316
8	STEM PACKING	PTFE
9	UPPER THRUST WASHER	50% PTFE + 50% S.S
10	STEM NUT	SS304
11	LOCK SADDLE	SS304
12	STOP PIN BOLT	SS304
13	STOP PIN WASHER	SS304
14	STOP PIN NUT	SS304
15	HANDLE BLOT	SS304
16	O-RING	VITON
17	BODY BOLT	SS304
18	HANDLE	SS304
19	HANDLE SLEEVE	VINYL

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



Dimensions (mm)

Size		d	L	H	W	D	T	S	H1	H2	L1	ISO 5211	Torque lbs.in	Cv
IN	DN													
1/4"	8	4.35	79	75	126	6.35	1	9	43	8	15.5	F03/F04	60	5.0
3/8"	10	7.53	79	75	126	9.53	1	9	43	8	15.5	F03/F04	60	5.7
1/2"	15	10.2	139	75	126	12.70	1.24	9	43	8	38	F03/F04	80	19.0
3/4"	20	15.8	149.6	78	126	19.05	1.65	9	46	8	39	F03/F04	80	35.0
1"	25	22.1	158.8	87	156	25.40	1.65	11	53	10	42	F04/F05	130	50.0
1 1/2"	40	34.7	200.8	114	181	38.10	1.65	14	75	13	52	F05/F07	200	200.0
2"	50	47.5	215.2	122	181	50.80	1.65	14	83	13	60	F05/F07	280	350.0

Note: Torque measured at ambient temperature with no loading; safety factor is not included.