

Direct mount Cavity-Filled 4-Way Ball Valve Full-Port Threaded End

1000PSI, DN8~DN40

800PSI, DN50

Series M5F(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

Standards

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

PMA: 1000PSI@50°C

800PSI@50°C

TMA: 180°C

Selection:

Material of Body:
CF8M/1.4408

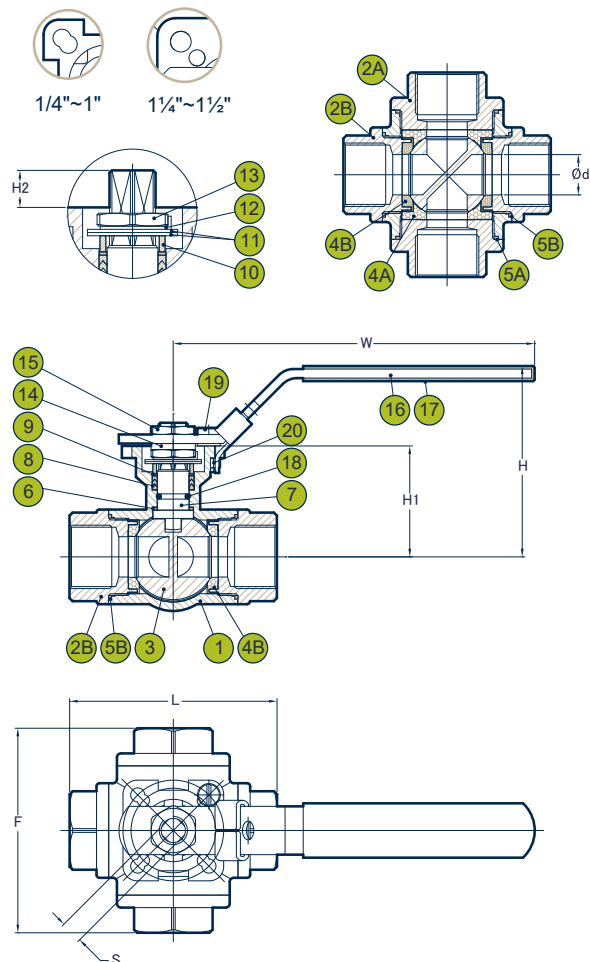
Material List

No.	PARTS NAME	MATERIALS
1	BODY	CF8M
2A	CAP	CF8M
2B	CAP	CF8M
3	BALL	SS316
4A	BALL SEAT	PTFE
4B	BALL SEAT	PTFE
5A	BODY SEAL	PTFE
5B	BODY SEAL	PTFE
6	THRUST WASHER	PTFE
7	STEM	SS316
8	STEM PACKING	PTFE
9	UPPER THRUST WASHER	TFM1600
10	GLAND	SS304
11	BELLEVILLE WASHER	SUS304-CSP
12	LOCK SADDLE	SS304
13	STEM NUT	SS304
14	HANDLE WASHER	SS304
15	HANDLE NUT	SS304
16	HANDLE	SS304
17	HANDLE SLEEVE	VINYL
18	O-RING	VITON
19	STOP PIN BOLT	SS304
20	STOP PIN NUT	SS304

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

Dimensions (mm)

Size		d	L	H	W	S	H1	H2	F	ISO 5211
IN	DN									
1/4"	8	11 / 8	75.7	68	131	9	36.8	8.2	76.5	F03/F04
3/8"	10	11 / 8	75.7	68	131	9	36.8	8.2	76.5	F03/F04
1/2"	15	16	86.6	74	131	9	44.1	9	89.4	F03/F04
3/4"	20	20	103	94	184	11	55.1	11.5	101.6	F04/F05
1"	25	25	118.2	100	184	11	60.7	11.5	115.4	F04/F05
1 1/4"	32	32	125.8	114	227	14	75.2	15.1	125.2	F05/F07
1 1/2"	40	38	149	123	227	14	84.4	15.1	148.6	F05/F07



PORT TYPE	1	2	3	4
T				
L				
X				

Direct mount Cavity-Filled 4-Way Ball Valve Standard-Port Threaded End

1000PSI, DN8~DN40

800PSI, DN50

Series M5F(a)

Features

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- Integral twin pattern ISO 5211 mounting pad for direct mounting of actuators

Standards

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PMA: 1000PSI@50°C

800PSI@50°C

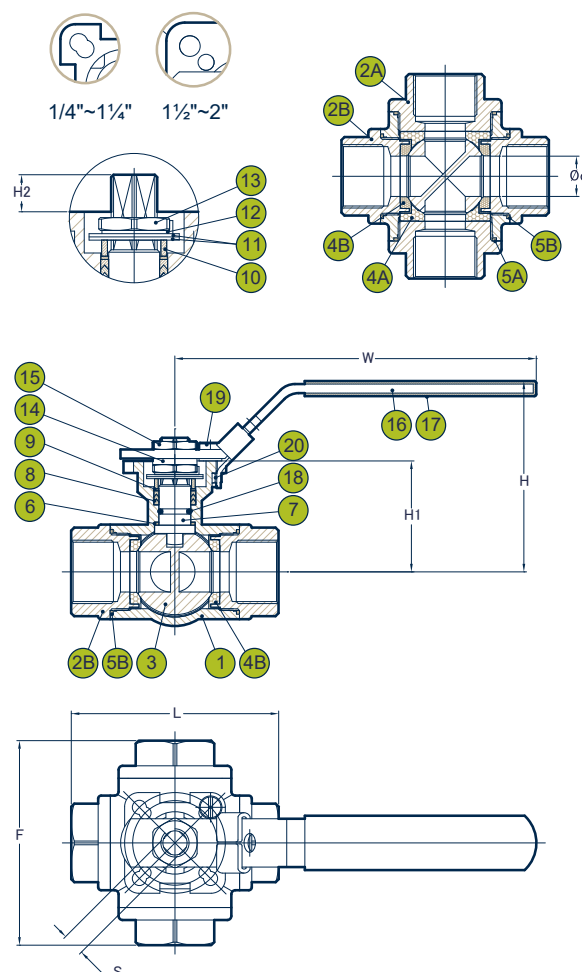
TMA: 180°C

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Material of Body:
CF8M/1.4408

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3/8"	10	11 / 8	75.7	68	131	9	36.8	8.2	76.5	F03/F04
1/2"	15	12.5	75.7	68	131	9	36.8	8.2	76.5	F03/F04
3/4"	20	16	86.6	74	131	9	44.1	9	89.4	F03/F04
1"	25	20	103	94	184	11	55.1	11.5	101.6	F04/F05
1 1/4"	32	25	118.2	100	184	11	60.7	11.5	115.4	F04/F05
1 1/2"	40	32	125.8	114	227	14	75.2	15.1	125.2	F05/F07
2"	50	38	149	123	227	14	84.4	15.1	148.6	F05/F07

PORT TYPE	1	2	3	4
T				
L				
X				

Direct mount Cavity-Filled 4-Way Ball Valve

Standard-Port Tri-Clamp End

1000PSI, DN8~DN40

800PSI, DN50

Series M5F(a)

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800PSI@50°C

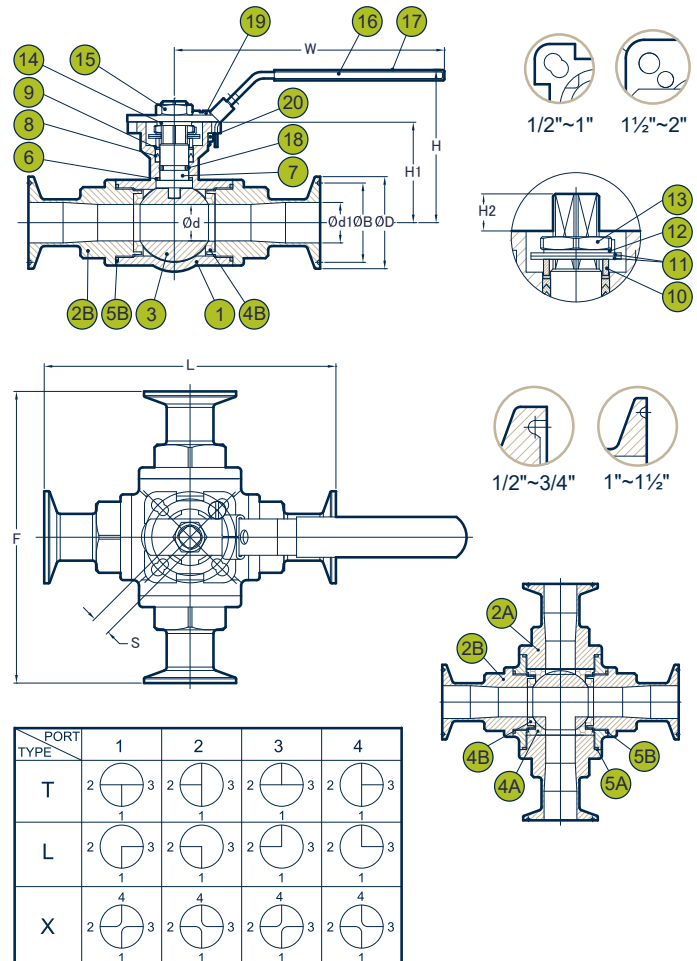
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Size		d	L	H	W	S	H1	H2	F	d1	D	B	ISO 5211
IN	DN												
1/2"	15	12.5	133	68	131	9	36.8	8.2	134	9.4	25.0	20.32	F03/F04
3/4"	20	12.5	142	68	131	9	36.8	8.2	142	15.75	25.0	20.32	F03/F04
1"	25	20	160	94	184	11	55.1	11.5	160	22.1	50.4	43.64	F04/F05
1 1/2"	40	32	182	114	227	14	75.2	15.1	182	34.8	50.4	43.64	F05/F07
2"	50	38	216	123	227	14	84.4	15.1	216	47.5	64.0	56.34	F05/F07