

X3444B

Ball valve

Shut off system

Technical Data Sheet



Description

The Ball valve X3444B can equip all types of installations. it's a ball valves particularly suitable for smaller sizes.

- 3-piece ball valve
- Full bore
- Handle can be locked in open or closed position



X3444B

Ball valve - Shut off system

DN	mm	PFA in bar	PS in bar				Cat.	Ref.	Weight Kg
			L1	L2	G1	G2			
1/4	8	63	63	63	63	63	4.3	149B12540B	0,39
3/8	10	63	63	63	63	63	4.3	149B12541B	0,40
1/2	15	63	63	63	63	63	4.3	149B12542B	0,41
3/4	20	63	63	63	63	63	4.3	149B12543B	0,69
1	25	63	63	63	63	63	4.3	149B12544B	0,93
1 1/4	32	63	63	63	63	63	4.3	149B12545B	1,62
1 1/2	40	63	63	63	63	25	4.3	149B12546B	2,33
2	50	40	40	40	40	20	4.3	149B12547B	3,26
2 1/2	65	25	25	25	25	15	4.3	149B12548B	6,81
3	80	25	25	25	25	12	4.3	149B12549B	11,40
4	100	25	25	25	25	10	4.3	149B12550B	19,70

Important notice :

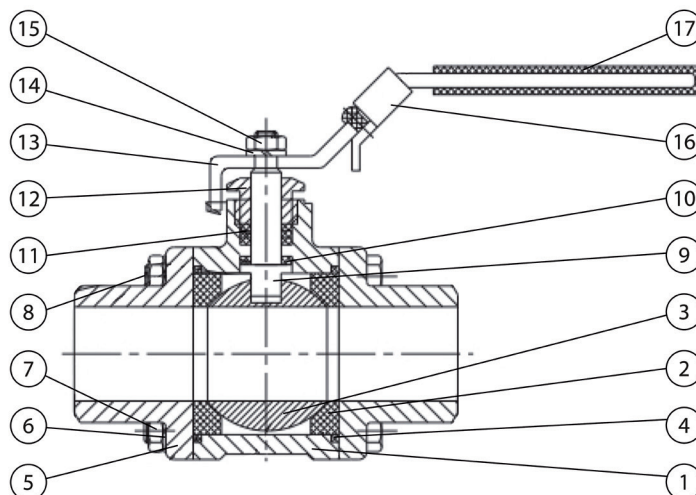
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

Technical features

Operating temperature	-25°C to 180°C
Permissible operating pressure (PFA) in water	See table above and Pressure/Temperature diagram
Maximum permissible pressure (PS) other mediums	See table above and Pressure/Temperature diagram (L1 only)
Connection	Butt welding
Mediums	Various fluids, water

Nomenclature and materials

N°	Description	Materials
1	Body	Carbon steel
2	Ball Seat	R-PTFE
3	Ball	SS316
4	Body gasket	PTFE
5	Cap	Carbon steel
6	Spring Washer	SS304
7	Nut	SS304
8	Bolt	SS304
9	Stem	SS316
10	Thrust washer	PTFE
11	Stem packing	PTFE
12	Gland nut	SS304
13	Handle	SS304
14	Spring washer	SS304
15	Nut	SS304
16	Lock device	SS304
17	Handle cover	Plastic



Approvals

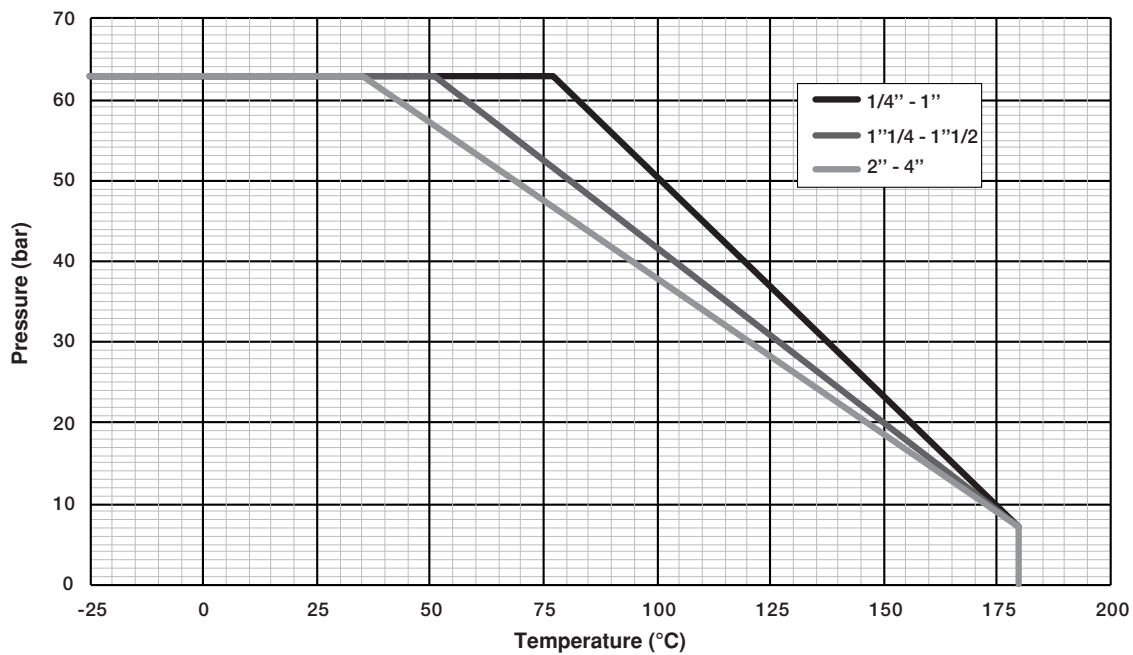
International construction Standards :
Directive 2014/68/UE

Application

Industry, high pressure, high temperature.

Operation

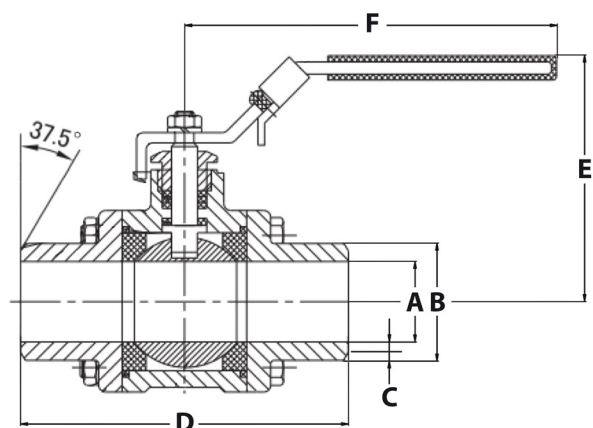
X3444 B - Pressure / Temperature diagram



Medium : Water - Liquid L1

Sizing

DN		A	B	C	D	E	F
"	mm	mm	mm	mm	mm	mm	mm
1/4	8	11	18.1	1.10	70	51	105
3/8	10	12,5	18.1	1.10	70	51	105
1/2	15	15	21.7	1.75	75	53	118
3/4	20	20	27.2	2.00	90	60	118
1	25	25	34	2.50	100	75	150
1 1/4	32	32	42.7	8.75	110	80	150
1 1/2	40	40	48.7	3.00	125	88	182
2	50	50	60.5	3.25	150	95	182
2 1/2	65	65	76	3.50	190	121	254
3	80	80	93	4.00	220	135	254
4	100	100	116	5.50	270	158	285



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