

BVH23 - Ball valve (stainless steel, 3-piece body) 1/4" - 4"

Description

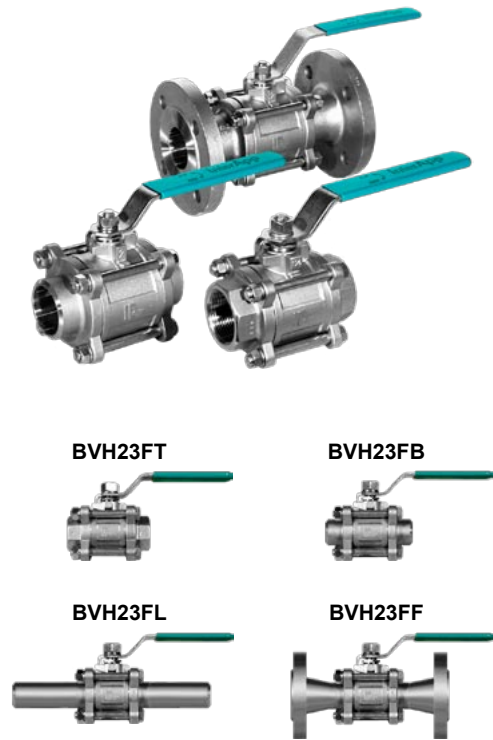
Stainless steel ball valve with 3-piece body, full bore with handlever

Product features

- Connection
(Face to face dimension)
 - BVH23FT threaded ends DIN EN 10226-1 Rp 1/4" - 4" (DIN 3202-M3)
 - BVH23FB buttweld ends DN10-100 (DIN 3202-S13)
 - BVH23FL buttweld ends long DN15-100
 - BVH23FF flanged ends PN40 DN15-100 (DIN 3202-F1)
- Max. working pressure 63 bar (BVH23FF 40bar)
- Temperature range -10°C + 230°C, Versions for lower temperatures on request

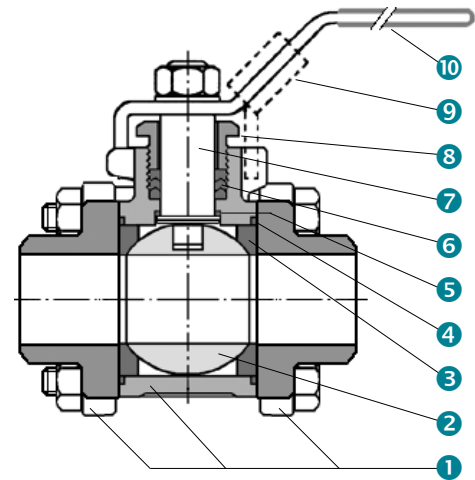


The ball valves BVH23 meet the safety requirements of the pressure Equipments Directive 97/23/EC (PED) appendix 1 for fluids of the groups 1 and 2.

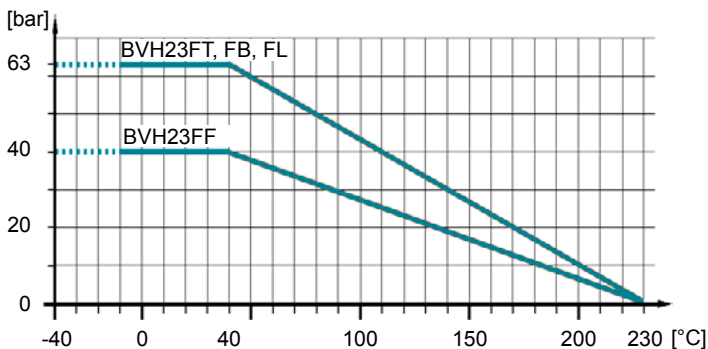


Construction

1	3-piece body	CF8M (1.4408)
2	Ball	AISI 316 (1.4401)
3	Seat ring white (standard)	PTFE + 15% GF
	Seat ring grey (for steam)	PTFE-C, 25% Carbon
4	Seal ring	PTFE
5	Washer	PTFE
6	Stem seal	PTFE
7	Stem	AISI 316 (1.4401)
8	Gland nut	AISI 304 (1.4301)
9	Locking pad (option)	AISI 304 (1.4301)
10	Handle cover by plastic	AISI 304 (1.4301)



Pressure / temperature diagram



For applications with steam:
 - use seat ring „S“ PTFE-C, 25% Carbon
 - $t_{max} = 160^{\circ}\text{C}$, $p_{max} = 6 \text{ bar}$

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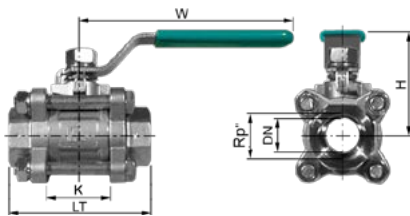
Type code

BVH	23	F	T	014	SS	T
①	②	③	④	⑤	⑥	⑦

① Type	BVH	Ball valve with handlever
② Construction	23	2/2 ways, two-piece body
③ Bore	F	Full bore
④ Connection	T	Threaded ends DIN EN 10226-1 (DIN 2999)
	B	Buttweld ends ≈ according to DIN EN 12627
	L	Buttweld ends long ≈ according to DIN EN 12627
	F	Flanged ends PN40
⑤ Size	014-400	Rp 1/4" - 4"
	015-100	DN15-100 (BVH23FF)
⑥ Materials body / ball	S	Body stainless steel CF8M (1.4408)
	S	Ball stainless steel AISI 316 (1.4401)
⑦ Materials seat ring	T	Seat ring white (standard) PTFE + 15% GF
	S	Seat ring grey (for steam tmax = 160°C, pmax = 5 bar) PTFE-C, 25% Carbon

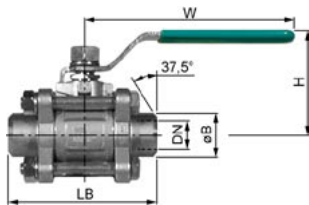
Dimensions

BVH23FT



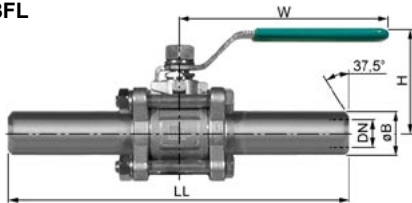
	Rp"	DN	LT	K	H	W	kv[m³/h]	kg
BVH23FT.014.SST	¼	10	60	21	55	95	8,6	0,35
BVH23FT.038.SST	⅜	12	60	21	55	95	21	0,40
BVH23FT.012.SST	½	15	75	26	64	125	35	0,65
BVH23FT.034.SST	¾	20	80	33	67	125	46	0,80
BVH23FT.100.SST	1	25	90	39	83	140	72	1,20
BVH23FT.114.SST	1¼	32	110	51	89	140	105	1,95
BVH23FT.112.SST	1½	40	120	58	100	200	170	2,75
BVH23FT.200.SST	2	50	140	71	108	200	275	4,50
BVH23FT.212.SST	2½	65	185	77	150	250	507	8,90
BVH23FT.300.SST	3	80	205	105	161	250	905	12,9
BVH23FT.400.SST	4	100	240	130	180	290	1414	22,5

BVH23FB



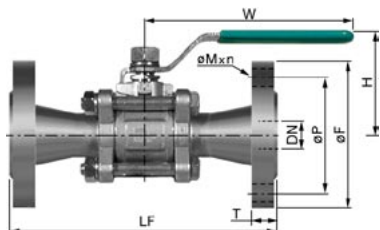
	DN	øB	LB	H	W	kv[m³/h]	kg	
BVH23FB.014.SST	¼	10	20	70	55	95	8,6	0,35
BVH23FB.038.SST	⅜	12	20	70	55	95	21	0,40
BVH23FB.012.SST	½	15	23	75	64	125	35	0,65
BVH23FB.034.SST	¾	20	28	90	67	125	46	0,80
BVH23FB.100.SST	1	25	34	100	83	140	72	1,20
BVH23FB.114.SST	1¼	32	41	110	89	140	105	1,95
BVH23FB.112.SST	1½	40	49	125	100	200	170	2,75
BVH23FB.200.SST	2	50	62	150	108	200	275	4,50
BVH23FB.212.SST	2½	65	78	190	150	250	507	8,90
BVH23FB.300.SST	3	80	94	220	161	250	905	12,9
BVH23FB.400.SST	4	100	125	270	180	290	1414	22,5

BVH23FL



	DN	øB	LL	H	W	kv[m³/h]	kg	
BVH23FL.012.SST	½	15	23	225	64	125	35	0,72
BVH23FL.034.SST	¾	20	28	225	67	125	46	0,88
BVH23FL.100.SST	1	25	34	245	83	140	72	1,32
BVH23FL.114.SST	1¼	32	41	255	89	140	105	2,15
BVH23FL.112.SST	1½	40	49	260	100	200	170	3,03
BVH23FL.200.SST	2	50	62	275	108	200	275	4,95
BVH23FL.212.SST	2½	65	78	335	150	250	507	9,79
BVH23FL.300.SST	3	80	94	355	161	250	905	14,2
BVH23FL.400.SST	4	100	125	365	180	290	1414	24,8

BVH23FF



	DN	øF	øP	T	øMxn	LF	H	W	kv[m³/h]	kg
BVH23FF.015.SST	15	95	65	16	14x4	130	64	125	35	2,45
BVH23FF.020.SST	20	105	75	18	14x4	150	67	125	46	3,50
BVH23FF.025.SST	25	115	85	18	14x4	160	83	140	72	4,70
BVH23FF.032.SST	32	140	100	18	18x4	180	89	140	105	5,90
BVH23FF.040.SST	40	150	110	18	18x4	200	100	200	170	7,80
BVH23FF.050.SST	50	165	125	20	18x4	230	108	200	275	11,3
BVH23FF.065.SST	65	185	145	22	18x8	290	150	250	507	16,9
BVH23FF.080.SST	80	200	160	24	18x8	310	161	250	905	23,9
BVH23FF.100.SST	100	235	190	24	22x8	350	180	290	1414	34,9

InterApp AG
Grundstrasse 24
CH-6343 Rotkreuz
Phone +41 (0) 41 7982233
Fax +41 (0) 41 7982234
info@ch.interapp.net

InterApp Germany
AVK Mittelmann Armaturen
Schillerstrasse 50
D-42489 Wülfrath
Phone +49 (0) 2058 901 01
Fax +49 (0) 2058 901 110
info@avkmittelmann.com

InterApp Austria
Kolpingstrasse 19
A-1230 Wien
Phone +43 (0) 1 6162371-0
Fax +43 (0) 1 6162371-99
info@at.interapp.net

InterApp Italy
Via Gramsci 29
I-20016 Pero (MI)
Phone +39 02 339371
Fax +39 02 33937200
info@it.interapp.net

InterApp Válvulas
Calderón de la Barca 12
E-28860 Paracuellos de Jarama
Phone +34 (0) 91 6584360
Fax +34 (0) 91 6581430
info@es.interapp.net

AVK Válvulas
Poligono Industrial
Francoli, parcela 27
E-46006 Tarragona
Phone +34 977 543 008
Fax +34 977 541 622
avk@avkvalvulas.com

InterApp Singapore
11, Changi North Street 1, #03-11
Singapore 498823
Phone +65 62141048
Fax +65 62140481
info@sg.interapp.net

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