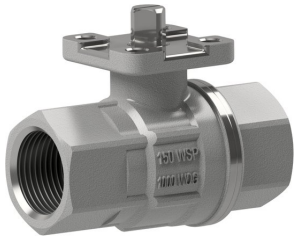
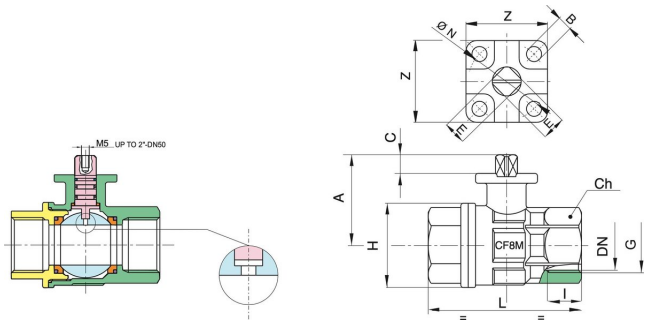
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Stainless steel ball valves
Series BA081



Design type	Full port ball valve with floating ball, full bore passage, antistatic version, free shaft end, Compensation hole
Connection	RP1/2"...RP3" according to ISO7/1 or rather NPT1/2"...NPT3" after ANSI B 1.20.1
Materials	Body and ball stainless steel 1.4401, Ball seal PTFE, Spindle seal PTFE/FKM
Application range	Fluids and gases of group 1 and 2 according to PED 2014/68/EU that do not attack the materials used. For steam applications we recommend using special steam valves.
Medium temperature	-20...+160°C
Operating pressure	0bar up to Rated pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, SIL 3
Special versions	oil-, grease- and silicone-free for oxygen

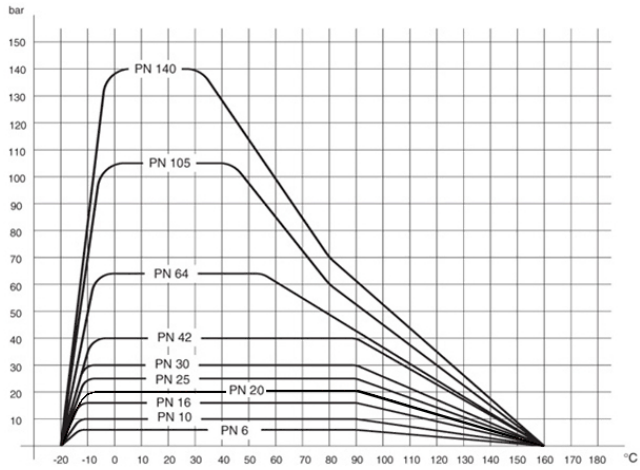
+43 512 52076
austria@stasto.eu
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G	Nominal size DN[mm]	PN [bar]	A	B	C	CH	E	H	I	L	ØN	Z	Kv value [m³/h]	Weight [approx. kg]	Type
1/2"	15	64	41,5	6	9	27	9	34,5	15	67	36	38	19,2	0,3	BA081-12-B-A
3/4"	20	64	43,5	6	9	32	9	42	16,3	78	36	38	35,0	0,4	BA081-34-B-A
1"	25	64	53,5	6	9	41	9	51,5	19,1	90	36	38	64,5	0,7	BA081-10-B-A
11/4"	32	64	57	6	9	50	9	64,5	21,4	100	36	38	103,8	1,04	BA081-114-B-A
11/2"	40	64	74	7	11	55	11	77	21,4	112	50	50	174	1,68	BA081-112-B-A
2"	50	64	83,3	7	11	70	11	97	25,7	135	50	50	301,3	2,95	BA081-20-B-A
21/2"	65	25	111	9	15,5	87	14	124	30,2	160	70	64	545,7	6,06	BA081-212-B-A
3"	80	25	120	9	17,5	105	14/17	145	33,3	160	70	64	872,5	9,50	BA081-30-B-A

G	Nominal size DN[mm]	PN [bar]	A	B	C	CH	E	H	I	L	ØN	Z	Kv value [m³/h]	Weight [approx. kg]	Type
1/2"NPT	15	64	41,5	6	9	27	9	34,5	15	67	36	38	19,2	0,3	BA081-12N-B-A
3/4"NPT	20	64	43,5	6	9	32	9	42	16,3	78	36	38	35,0	0,4	BA081-34N-B-A
1"NPT	25	64	53,5	6	9	41	9	51,5	19,1	90	36	38	64,5	0,7	BA081-10N-B-A
11/4"NPT	32	64	57	6	9	50	9	64,5	21,4	100	36	38	103,8	1,04	BA081-114N-B-A
11/2"NPT	40	64	74	7	11	55	11	77	21,4	112	50	50	174	1,68	BA081-112N-B-A
2"NPT	50	64	83,3	7	11	70	11	97	25,7	135	50	50	301,3	2,95	BA081-20N-B-A
21/2"NPT	65	25	111	9	15,5	87	14	124	30,2	160	70	64	545,7	6,06	BA081-212N-B-A
3"NPT	80	25	120	9	17,5	105	14/17	145	33,3	180	70	64	872,5	9,5	BA081-30N-B-A

Pressure-temperature diagram



Illustrations non-binding

+43 512 52076
austria@stasto.eu
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austria@stasto.eu
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