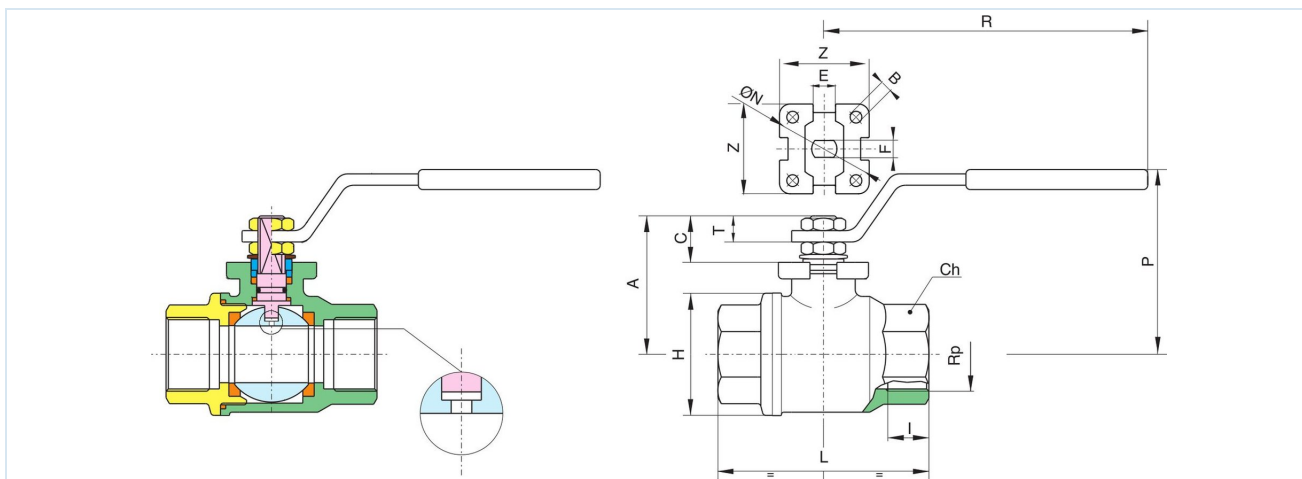


Stainless steel ball valves Series BA210



Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole, antistatic version, in oil- and grease-free version for oxygen
Actuation	by 90° rotation of the hand lever
Connection	RP1/8" ... RP4" according to ISO7/1
Materials	Body and ball stainless steel 1.4401, Ball seal PTFE, Spindle seal PTFE/FKM Stainless steel hand lever 1.4016 plasticized, RP 21/2" up to RP4" made of steel
Application range	Oxygen, other media on request
Medium temperature	-20...+160°C
Operating pressure	Vacuum max. 10^{-2} Torr up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping systems
Mounting position	any
Approvals	TA air
Special versions	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, NPT, Fire-safe
Application note	This ball valve is supplied oil- and grease-free and individually packaged. It is particularly important here, that this ball valve is handled with care and installed free of oil and grease. Observe the respective UVV regulations for oxygen.

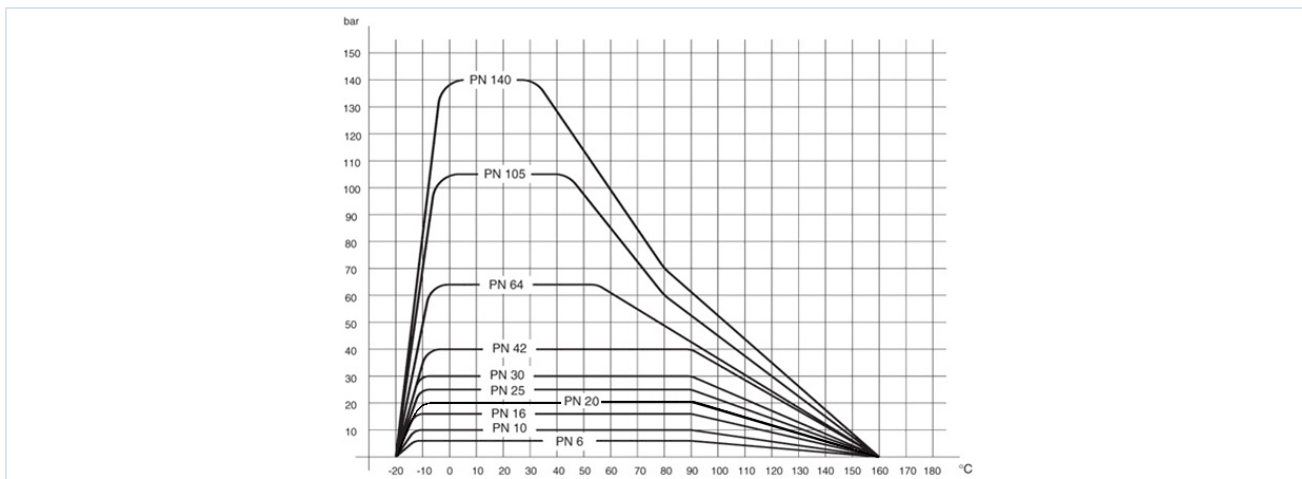




RP	Nominal size DN[mm]	PN [bar]	A	B	C	CH	E	F	H	I	L	N	R	P	T	Z	Kv value [m³/h]	Weight [approx. kg]	Type
1/8"	6	140	35	5,5	13,5	22	8	5	30	7,7	55	36	110	50	9	36	5	0,29	BA210-18-L
1/4"	8	140	35	5,5	13,5	22	8	5	30	11	55	36	110	50	9	36	5,5	0,27	BA210-14-L
3/8"	10	140	35	5,5	13,5	22	8	5	30	11,4	55	36	110	50	9	36	8,5	0,26	BA210-38-L
1/2"	15	140	38	5,5	13,5	27	8	5	36	15	66	36	110	53	9	36	19,2	0,35	BA210-12-L
3/4"	20	105	55	5,5	15	32	10	7	45	16,3	79	42	131	68	10	42	35,0	0,65	BA210-34-L
1"	25	105	60	5,5	19,5	41	12	8	54	19,1	93	42	174	79	12,5	42	64,5	1,02	BA210-10-L
1 1/4"	32	64	64,5	5,5	19,5	50	12	8	64	21,4	100	42	174	83	12,5	42	103,8	1,40	BA210-114-L
1 1/2"	40	64	79	6,5	24	55	16	10	80	21,4	110	50	250	100	16,5	50	174	2,35	BA210-112-L
2"	50	64	86	6,5	24	70	16	10	95	25,7	131	50	250	107	16,5	50	301,3	3,54	BA210-20-L
2 1/2"	65	25	104	M8	28,5	90	20	14	122	30,2	159	70	321	126	18,5	64	545,7	6,95	BA210-212-L
3"	80	25	114	M8	28	105	20	14	144	33,3	185	70	321	137	18	64	872,5	10,53	BA210-30-L
4"	100	25	137	M10	34,5	130	24	18	177	39,3	222	102	381	156	22	92	1363,3	18,70	BA210-40-L

For ATEX versions, the type is suffixed with -A at the end.

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Ball valve made of stainless steel Series BA210

Version 2

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