

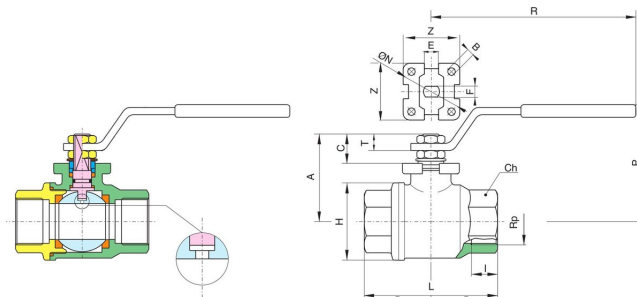
Stainless steel ball valves

Series BA069



Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole
Actuation	by 90° rotation of the hand lever
Connection	RP1/8"...RP4" according to ISO7/1 or rather NPT1/8"...NPT4" after ANSI B 1.20.1
Materials	Body and ball stainless steel 1.4401, Ball seal PTFE, Spindle seal PTFE/FKM Stainless steel hand lever 1.4016 plasticized, RP 2 1/2" up to RP4" made of steel
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	Vacuum max. 10 ⁻² Torr up to Rated pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	TA air
Special versions	antistatic version ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, Fire-safe, oil-, grease- and silicone-free 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	0,26	BA069-18-L
1/4"	8	140	35	5,5	13,5	22	8	5	30	11	55	36	110	50	9	36	5,5	0,26	BA069-14-L
3/8"	10	140	35	5,5	13,5	22	8	5	30	11,4	55	36	110	50	9	36	8,5	0,25	BA069-38-L
1/2"	15	140	38	5,5	13,5	27	8	5	36	15	66	36	110	53	9	36	19,2	0,34	BA069-12-L
3/4"	20	105	55	5,5	15	32	10	7	45	16,3	79	42	131	68	10	42	35,0	0,59	BA069-34-L
1"	25	105	60	5,5	19,5	41	12	8	54	19,1	93	42	174	79	12,5	42	64,5	0,96	BA069-10-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	1,29	BA069-114-L
1 1/2"	40	64	79	6,5	24	55	16	10	80	21,4	110	50	250	100	16,5	50	174	2,15	BA069-112-L
2"	50	64	86	6,5	24	70	16	10	95	25,7	131	50	250	107	16,5	50	301,3	3,30	BA069-20-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	6,74	BA069-212-L
3"	80	25	114	M8	28	105	20	14	144	33,3	185	70	321	137	18	64	872,5	10,15	BA069-30-L
4"	100	25	137	M10	34,5	130	24	18	177	39,3	222	102	381	156	22	92	1363,3	17,40	BA069-40-L

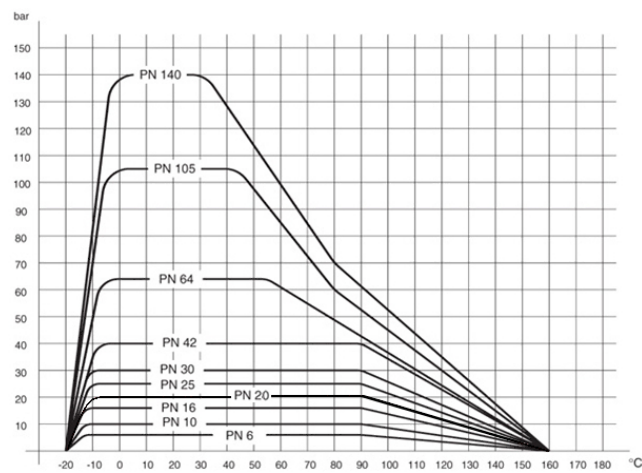
For ATEX versions, the type is suffixed with -A at the end.

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"NPT	6	140	35	5,5	13,5	22	8	5	30	7,7	55	36	110	50	9	36	5	0,26	BA069-18N-L
1/4"NPT	8	140	35	5,5	13,5	22	8	5	30	11	55	36	110	50	9	36	5,5	0,26	BA069-14N-L
3/8"NPT	10	140	35	5,5	13,5	22	8	5	30	11,4	55	36	110	50	9	36	8,5	0,25	BA069-38N-L
1/2"NPT	15	140	38	5,5	13,5	27	8	5	36	15	66	36	110	53	9	36	19,2	0,34	BA069-12N-L
3/4"NPT	20	105	55	5,5	15	32	10	7	45	16,3	79	42	131	68	10	42	35,0	0,59	BA069-34N-L
1"NPT	25	105	60	5,5	19,5	41	12	8	54	19,1	93	42	174	79	12,5	42	64,5	0,96	BA069-10N-L
1 1/4"NPT	32	64	64,5	5,5	19,5	50	12	8	64	21,4	100	42	174	83	12,5	42	103,8	1,29	BA069-114N-L
1 1/2"NPT	40	64	79	6,5	24	55	16	10	80	21,4	110	50	250	100	16,5	50	174	2,15	BA069-112N-L
2"NPT	50	64	86	6,5	24	70	16	10	95	25,7	131	50	250	107	16,5	50	301,3	3,30	BA069-20N-L
2 1/2"NPT	65	25	104	M8	28,5	90	20	14	122	30,2	159	70	321	126	18,5	64	545,7	6,74	BA069-212N-L
3"NPT	80	25	114	M8	28	105	20	14	144	33,3	185	70	321	137	18	64	872,5	10,15	BA069-30N-L
4"NPT	100	25	137	M10	34,5	130	24	18	177	39,3	222	102	381	156	22	92	1363,3	17,40	BA069-40N-L

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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 BA069-L