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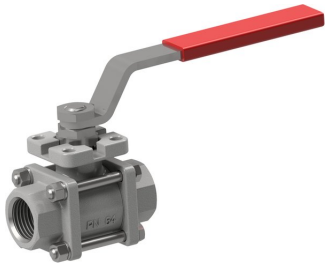
Three-piece stainless steel ball valves
Series BA364



Design type	Full port ball valve with floating ball, full bore passage, antistatic version, Compensation hole
Actuation	by 90° rotation of the hand lever
Connection	RP1/4"...RP4" according to ISO7/1 or rather 1/4"NPT...4"NPT according to ANSI B1.20.1
Materials	Body and ball stainless steel 1.4401, PTFE-carbon-graphite reinforced, Spindle seal PTFE-carbon-graphite reinforced/EPDM Hand lever: RP1/4"...2" Stainless steel 1.4016 plasticized, RP21/2"...4" Steel plasticized Tie rods and nuts: RP1/4"...2" Stainless steel 1.4301, RP21/2"...4" Galvanized steel
Application range	Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used
Medium temperature	-40...+160°C
Operating pressure	Vacuum max. 10^{-3} Torr up to Nominal pressure according to table and pressure-temperature diagram
Flow direction	any
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, TA-Luft, SIL3

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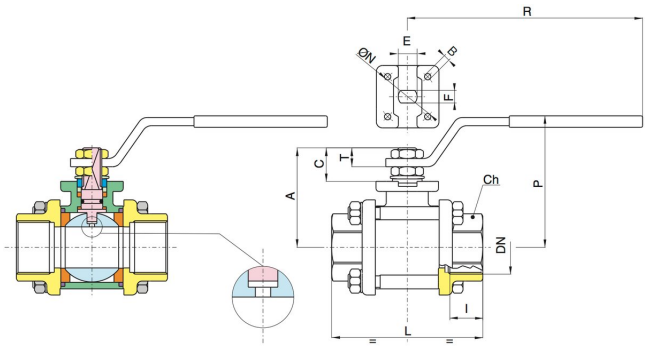
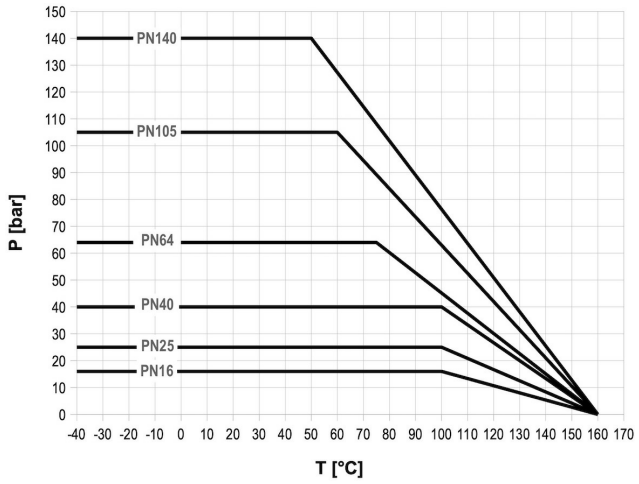


Connection	Nominal size DN[mm]	PN [bar]	A	CH	E	F	I	L	R	P	C	T	N	B	Kv value [m 3 /h]	Weight [approx. kg]	Type
1/4"	8	64	35	22	8	5	11	57	110	50	13,5	9	-	-	5,5	0,28	BA364-14-L-A
3/8"	10	64	35	22	8	5	11,4	57	110	50	13,5	9	-	-	8,5	0,26	BA364-38-L-A
1/2"	15	64	47	27	10	7	15	65	131	64	15	10	36	6	19,2	0,48	BA364-12-L-A
3/4"	20	40	52	32	10	7	16,3	76	131	68	16	10	42	5,5	35,0	0,70	BA364-34-L-A
1"	25	40	60	41	12	8	19,1	92	174	79	19,5	12,5	42	6	64,5	1,23	BA364-10-L-A
11/4"	32	25	64	50	12	8	21,4	106	174	83	19,5	12,5	42	5,5	103,8	1,69	BA364-114-L-A
11/2"	40	25	79	55	16	10	21,4	116	250	100	24	16,5	50	6,5	174,0	2,50	BA364-112-L-A
2"	50	25	86	70	16	10	25,7	136	250	107	24	16,5	50	6,5	301,3	3,88	BA364-20-L-A
21/2"	65	16	103	90	20	14	30,2	153	321	126	28	18	70	M8	545,7	8,06	BA364-212-L-A
3"	80	16	114	105	20	14	33,3	180	321	137	28	18	70	M8	872,5	12,88	BA364-30-L-A
4"	100	16	137	130	24	18	39,3	217	381	156	34,5	22	102	M10	1363,3	21,50	BA364-40-L-A

Connection	Nominal size DN[mm]	PN [bar]	A	CH	E	F	I	L	R	P	C	T	N	B	Kv value [m 3 /h]	Weight [approx. kg]	Type
1/4"NPT	8	64	35	22	8	5	11	57	110	50	13,5	9	-	-	5,5	0,28	BA364-14N-L-A
3/8"NPT	10	64	35	22	8	5	11,4	57	110	50	13,5	9	-	-	8,5	0,26	BA364-38N-L-A
1/2"NPT	15	64	47	27	10	7	15	65	131	64	15	10	36	6	19,2	0,48	BA364-12N-L-A
3/4"NPT	20	40	52	32	10	7	16,3	76	131	68	16	10	42	5,5	35,0	0,70	BA364-34N-L-A
1"NPT	25	40	60	41	12	8	19,1	92	174	79	19,5	12,5	42	6	64,5	1,23	BA364-10N-L-A
11/4"NPT	32	25	64	50	12	8	21,4	106	174	83	19,5	12,5	42	5,5	103,8	1,69	BA364-114N-L-A
11/2"NPT	40	25	79	55	16	10	21,4	116	250	100	24	16,5	50	6,5	174,0	2,50	BA364-112N-L-A
2"NPT	50	25	86	70	16	10	25,7	136	250	107	24	16,5	50	6,5	301,3	3,88	BA364-20N-L-A
21/2"NPT	65	16	103	90	20	14	30,2	153	321	126	28	18	70	M8	545,7	8,06	BA364-212N-L-A
3"NPT	80	16	114	105	20	14	33,3	180	321	137	28	18	70	M8	872,5	12,88	BA364-30N-L-A
4"NPT	100	16	137	130	24	18	39,3	217	381	156	34,5	22	102	M10	1363,3	21,50	BA364-40N-L-A

Pressure-temperature diagram



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