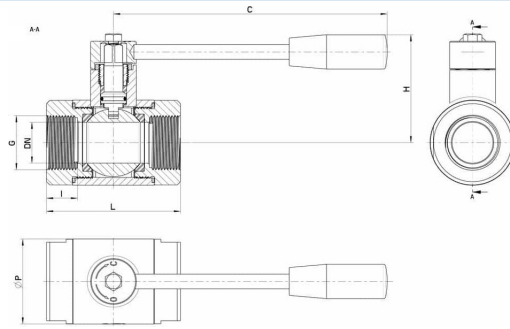


Stainless steel ball valves Series BA168

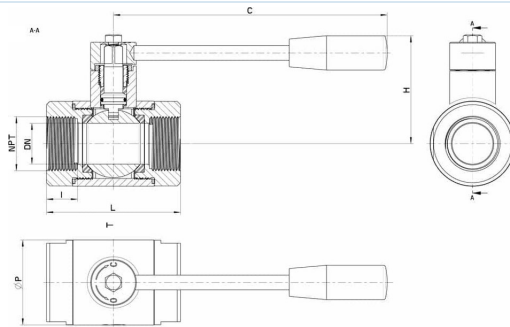


Design type	Full port ball valve with floating ball, full bore passage
Connection	G1/4"...G4" according to ISO228 1/4"-NPT...4"-NPT
Materials	Housing Stainless steel AISI316L polished, Ball Stainless steel AISI316L, Stainless steel hand lever 1.4307 plasticized, Ball seal MPTFE, Spindle seal PTFE, O-ring FKM
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	-20...+170°C
Operating pressure	0bar up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Special versions	antistatic version ATEX II 2G/D T4, oil-, grease- and silicone-free for oxygen, Oil- and grease-free version for hydrogen, Special seals on request





Connection G	Nominal size DN[mm]	PN [bar]	C	H	I	L	ØP	Kv value [m ³ /h]	Weight [approx. kg]	Type
1/4"	9	100	110	50	13	52	30	6,5	0,34	BA168-14-L
3/8"	10	100	110	50	13	52	30	11	0,32	BA168-38-L
1/2"	15	100	110	55	15	62	35	20	0,44	BA168-12-L
3/4"	20	100	110	60	17	72	42	60	0,62	BA168-34-L
1"	25	64	160	65	19	82	52	100	1,10	BA168-10-L
1 1/4"	32	64	160	70	19	92	60	130	1,35	BA168-114-L
1 1/2"	40	64	190	80	20	104	73	170	2,33	BA168-112-L
2"	50	40	190	90	20	116	88	280	3,42	BA168-20-L
2 1/2"	65	40	220	110	20	128	113	510	5,75	BA168-212-L
3"	80	40	285	130	24	150	135	770	8,98	BA168-30-L
4"	100	25	310	150	24	178	167	1200	15,50	BA168-40-L



Connection NPT	Nominal size DN[mm]	PN [bar]	C	H	I	L	ØP	Kv value [m ³ /h]	Weight [approx. kg]	Type
1/4"	9	100	110	50	13	52	30	6,5	0,34	BA168-14N-L
3/8"	10	100	110	50	13	52	30	11	0,32	BA168-38N-L
1/2"	15	100	110	55	16	62	35	20	0,44	BA168-12N-L
3/4"	20	100	110	60	18	72	42	60	0,62	BA168-34N-L
1"	25	64	160	65	19	82	52	100	1,10	BA168-10N-L
1 1/4"	32	64	160	70	20	92	60	130	1,35	BA168-114N-L
1 1/2"	40	64	190	80	20	104	73	170	2,33	BA168-112N-L
2"	50	40	190	90	20	116	88	280	3,42	BA168-20N-L
2 1/2"	65	40	220	110	26	136	113	510	-	BA168-212N-L
3"	80	40	285	130	28	160	135	770	-	BA168-30N-L
4"	100	25	310	150	30	192	167	1200	-	BA168-40N-L



