

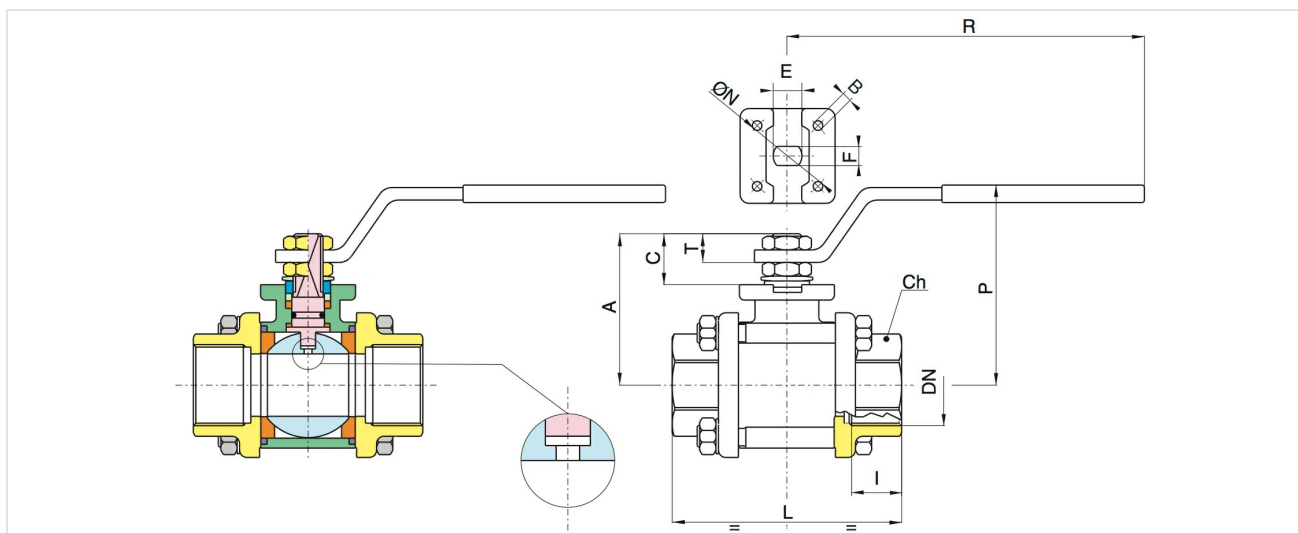
Three-piece steel ball valves Series BA145



Design type	Shut-off valve with floating ball, full bore passage, Compensation hole, for steam
Actuation	by 90° rotation of the hand lever
Connection	RP1/4"...RP4" according to ISO7/1
Materials	Steel housing, Ball stainless steel 1.4301, Ball seal made of graphite-reinforced PTFE, Stem seal made of graphite-reinforced PTFE, Spindle O-ring FKM, Steel hand lever plasticized
Application range	Steam, other applications on request
Medium temperature	-10...+198°C
Operating pressure	Vacuum max. 10 ⁻³ Torr up to 15bar
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	TA-Luft
Special versions	antistatic version ATEX II 2G/D c T3, Fire-safe, NPT thread, low dead-volume seals, oil-, grease- and silicone-free for oxygen



Dimensions



Connection	Nominal size DN[mm]	PN [bar]	A	B	C	CH	E	F	I	L	N	P	R	T	Kv value [m³/h]	Weight [approx. kg]	Type
1/4"	8	64	35	-	13,5	22	8	5	11	57	-	50	110	9	5,5	0,28	BA145-14-L
3/8"	10	64	35	-	13,5	22	8	5	11,4	57	-	50	110	9	8,5	0,25	BA145-38-L
1/2"	15	64	47	6	15	27	10	7	15	65	36	64	131	10	19,2	0,48	BA145-12-L
3/4"	20	40	52	5,5	16	32	10	7	16,3	76	42	68	131	10	35	0,67	BA145-34-L
1"	25	40	60	6	19,5	41	12	8	19,1	92	42	79	174	12,5	64,5	1,22	BA145-10-L
1 1/4"	32	25	64	5,5	19,5	50	12	8	21,4	106	42	83	174	12,5	103,8	1,67	BA145-114-L
1 1/2"	40	25	79	6,5	24	55	16	10	21,4	116	50	100	250	16,5	174	2,51	BA145-112-L
2"	50	25	86	6,5	24	70	16	10	25,7	136	50	107	250	16,5	301,3	3,95	BA145-20-L
2 1/2"	65	16	103	M8	28	90	20	14	30,2	153	70	126	321	18	545,7	7,99	BA145-212-L
3"	80	16	114	M8	28	105	20	14	33,3	180	70	137	321	18	872,5	12,94	BA145-30-L
4"	100	16	137	M10	34,5	130	24	18	39,3	217	102	156	381	22	1363,3	21,50	BA145-40-L

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

Illustrations non-binding

Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Ball valve made of steel Series BA145

Version 6

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Page 2 / 2

