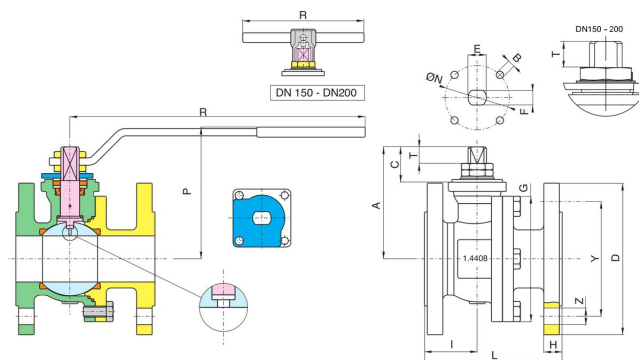


Stainless steel flanged ball valves Series BA051



Design type	Shut-off valve with floating ball, full bore passage, antistatic version, Compensation hole, with shut-off device
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN15...DN200 according to EN1092-1
Overall length	according to EN558-1R27
Materials	Body and ball stainless steel 1.4408, Ball seal TFM-MPTFE, Spindle seal TFM-MPTFE/Graphoil/FKM; V-Pack: PTFE Hand lever: DN15...DN125 Stainless steel, DN150...DN200 Grey cast iron EN-GJL-250
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...+160°C (Steam max. 180°C)
Operating pressure	Vacuum max. 10 ⁻³ Torr up to Nominal pressure according to table and pressure-temperature diagram (Steam max. 10bar)
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	ATEX EX II 2 G/D c T3, Fire-safe, TA-Luft, SIL 3
Special versions	ANSI flange, oil-, grease- and silicone-free for oxygen, Low-temperature version, DN250/DN300 on request





Nominal size DN[mm]	PN [bar]	A	B	C	D	E	F	H	I	L	R	ØN	P	T	Y	Z	Kv value [m ³ /h]	Weight [approx. kg]	Type
15	40	52	M5	19	95	M10	7	16	49	115	131	42-F04	88	8	65	4 x Ø14	19,2	2,42	BA051-15-LLD-A
20	40	56	M5	19	105	M10	7	18	51	120	131	42-F04	93	8	75	4 x Ø14	35,0	3,16	BA051-20-LLD-A
25	40	72,5	M6	27,5	115	M12	8	18	54	125	174	50-F05	89	13	85	4 x Ø14	64,5	4,14	BA051-25-LLD-A
32	40	76	M6	27,5	140	M12	8	18	55	130	174	50-F05	93	13	100	4 x Ø18	103,8	5,60	BA051-32-LLD-A
40	40	107	M6	30	150	M16	10	18	51,5	140	250	50-F05	133	10	110	4 x Ø18	174,0	7,90	BA051-40-LLD-A
50	40	122	M8	38,5	165	M20	14	20	57,5	150	321	70-F07	144	18	125	4 x Ø18	301,3	11,23	BA051-50-LLD-A
65	16	133	M8	39,5	185	M20	14	18	61	170	321	70-F07	154	18	145	4 x Ø18	545,7	16,20	BA051-65-LLD-A
80	16	151	M10	43	200	M24	18	20	75,5	180	381	102-F10	173	18	160	8 x Ø18	872,5	20,10	BA051-80-LLD-A
100	16	165	M10	43	220	M24	18	20	80	190	381	102-F10	187	18	180	8 x Ø18	1363,3	25,25	BA051-100-LLD-A
125	16	187	M10	43	250	M24	18	22	149	325	381	102-F10	209	18	210	8 x Ø18	2360,3	48,40	BA051-125-LLD-A
150	16	245	M12	68	285	M42	30	22	157	350	700	125-F12	305	41	240	8 x Ø22	3671,1	70,35	BA051-150-LLD-A
200	16	288	M12	68	340	M42	30	24	190	400	700	125-F12	348	41	295	12 x Ø22	6816,6	104,0	BA051-200-LLD-A

Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Flanged ball valve Series BA051-A

Version 7

261709 / Generated 2026/41 EN

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Page 2 / 2

