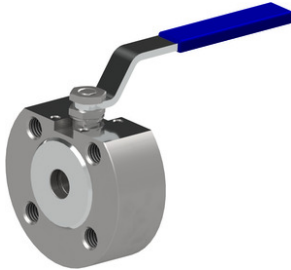
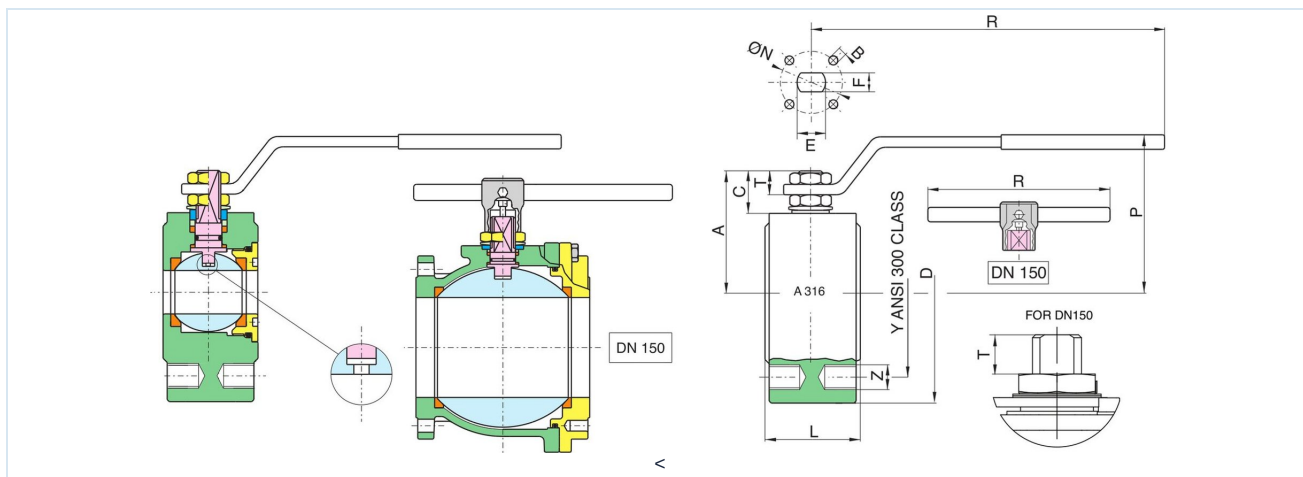


Stainless steel flanged ball valves Series BA112



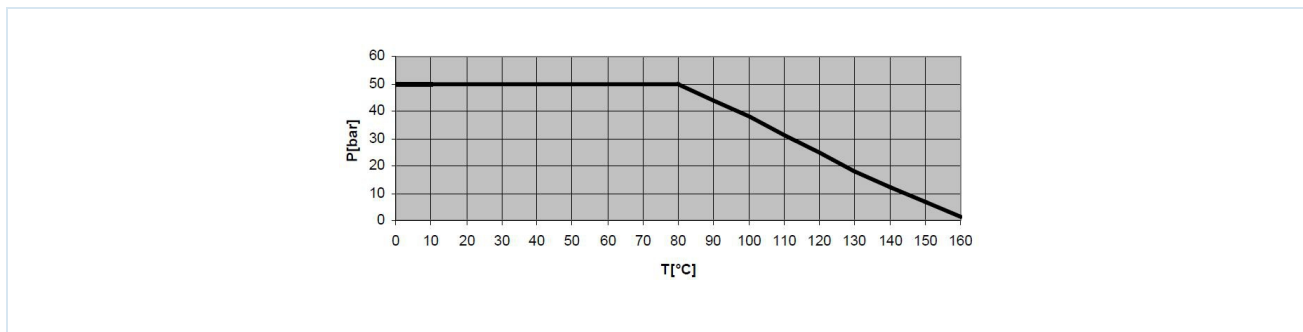
Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN15...DN150 according to ANSI 300
Materials	Body and ball stainless steel 1.4401, Ball seal made of glass fiber reinforced PTFE, Spindle seal PTFE/FKM, Hand lever steel plastic-coated
Application range	Fluids and gases of group 1 and 2 in accordance with 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 ⁻³ Torr up to Nominal 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 II 2G/D c T3, Fire-safe, Flange PN40, low dead-volume seals, Heating jacket for viscous media, oil-, grease- and silicone-free for oxygen on request





Nominal size DN[mm]	A	B	C	D	E	F	L	ØN	R	P	T	Y	Z	Kv value [m ³ /h]	PN [bar]	Weight [approx. kg]	Type
15	47	4xM5	11,5	95	10	7	35	32	131	65	8,5	66,5	4xM14	19,2	50	1,40	BA112-15-L
20	51,5	4xM5	9,5	120	10	7	40	32	131	69	8,1	82,5	4xM16	35	50	2,50	BA112-20-L
25	61	4xM5	13	120	12	8	46	42	174	80	10,5	89	4xM16	64,5	50	3,10	BA112-25-L
32	64,5	4xM5	16,5	130	12	8	54	42	174	84	10,5	98,5	4xM16	103,8	50	4,20	BA112-32-L
40	78	4xM6	20,5	150	16	10	63,5	50	250	102	13	114,5	4xM20	174	50	6,70	BA112-40-L
50	87	4xM6	16	165	16	10	82	50	250	111	12,4	127	8xM16	301,3	50	10,4	BA112-50-L
65	104,5	4xM8	18,5	190	20	14	103	70	321	128	17	149	8xM20	545,7	50	17,7	BA112-65-L
80	115	4xM8	21	210	20	14	122	70	321	138	18	168,5	8xM20	872,5	50	24,8	BA112-80-L
100	137	4XM10	23,5	254	24	18	152	102	381	156	21	200	8xM20	1363,3	50	45,30	BA112-100-L
150	201,5	4xM12	51,5	320	42	30	232	125	700	266	30	270	12xM20	3671,1	50	82	BA112-150-L

Pressure-temperature diagram



Illustrations non-binding

Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Flanged ball valve Series BA112

Version 2

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