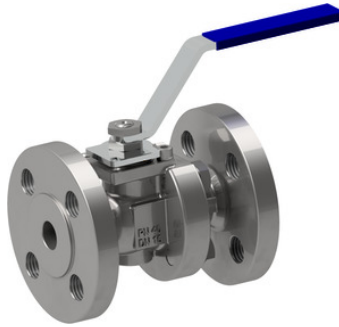
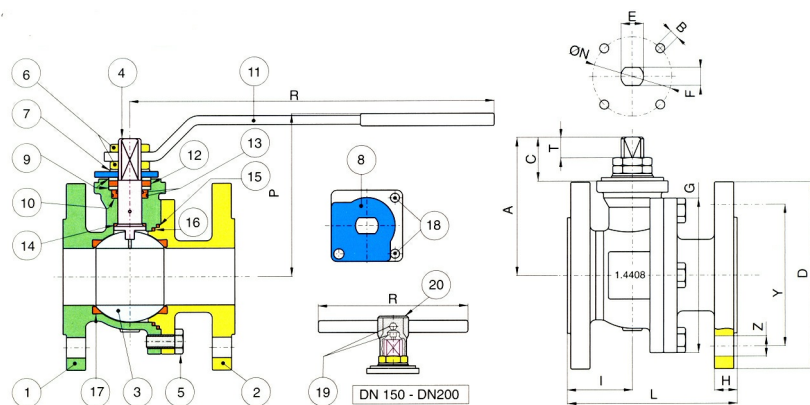


Stainless steel flanged ball valves Series BA178



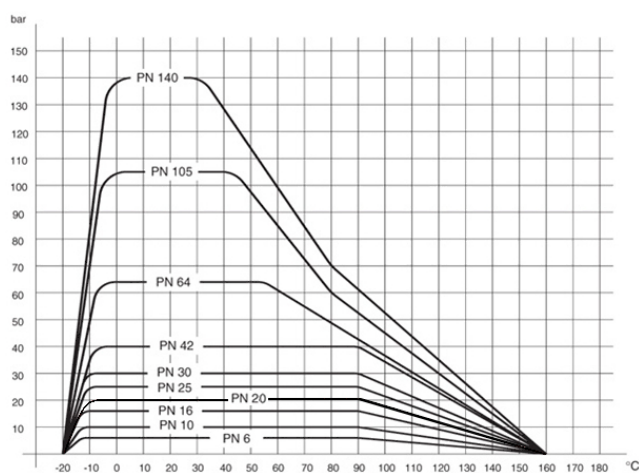
Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole, antistatic version
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN15...DN200 according to ANSI B16.5 ANSI150
Overall length	according to ANSI B16.10
Materials	Body and ball stainless steel 1.4408, Ball seal made of PTFE, Spindle seal PTFE/FKM Hand lever: DN15...DN100 Stainless steel, DN150...DN200 GG25/Stainless 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	-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
Special versions	oil-, grease- and silicone-free for oxygen





DN [mm]	PN [bar]	A	B	C	D	E	F	H	I	L	R	N	P	T	Y	Z	Kv value [m³/h]	Weight [approx. kg]	Type
15	20	52	M5	19	90	M10	7	11,5	46,5	108	131	F04	88	8	60,5	4 x Ø16	19,2	1,9	BA178-15-L-A
20	20	56	M5	19	100	M10	7	13	53	117	131	F04	93	8	70	4 x Ø16	35,0	2,4	BA178-20-L-A
25	20	72,5	M6	27,5	110	M12	8	14,5	59,5	127	174	F05	89	13	79,5	4 x Ø16	64,5	3,7	BA178-25-L-A
40	20	106	M6	30	130	M16	10	17,5	77	165	250	F05	133	10	98,5	4 x Ø16	174,0	7,1	BA178-40-L-A
50	20	122	M8	38,5	150	M20	14	19,5	86	178	321	F07	144	18	120,5	4 x Ø19	301,3	10,8	BA178-50-L-A
80	20	151	M10	43	190	M24	18	24	79,5	203	381	F10	173	18	152,5	4 x Ø19	872,5	21,6	BA178-80-L-A
100	20	165	M10	43	230	M24	18	24	110	229	381	F10	187	18	190,5	8 x Ø19	1363,3	30,4	BA178-100-L-A
150	20	245	M12	68	280	M42	30	25,5	181	394	700	F12	305	27,5	241,5	8 x Ø22	3671,1	78,0	BA178-150-L-A
200	20	288	M12	68	345	M42	30	29	212	457	700	F12	348	27,5	298,5	8 x Ø22	6816,6	124,6	BA178-200-L-A

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Flanged ball valve Series BA178-L-A

Version 4

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MADE IN EUROPE

+43 512 52076

austria@stasto.eu

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www.stasto.com

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