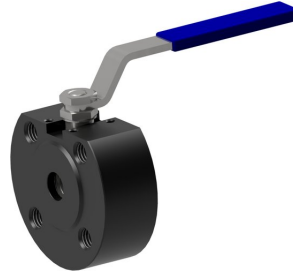
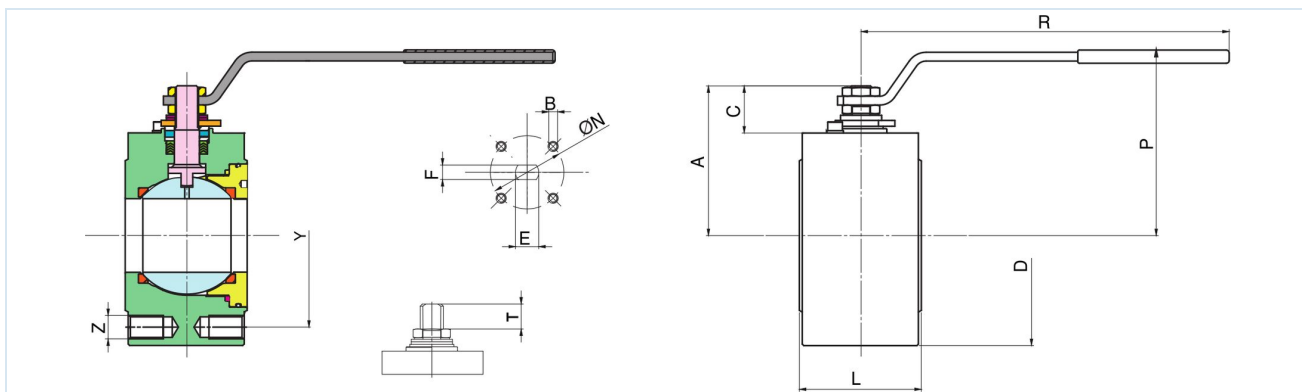


Steel flanged ball valves Series BA497, BA821



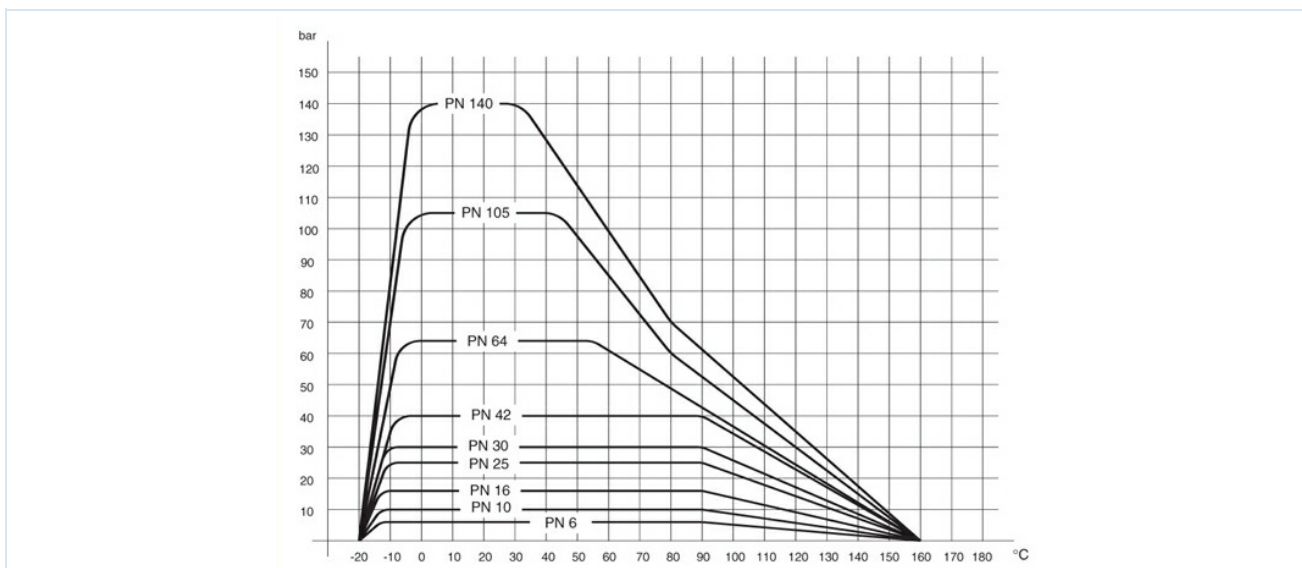
Design type	Shut-off valve with floating ball, full bore passage, antistatic version, Compensation borehole
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN15...DN100 according to EN1092-1 PN16/PN40
Overall length	according to EN558-1R100
Materials	Steel housing, Ball stainless steel 1.4301, Ball seals TFM-MPTFE, Spindle seal TFM-MPTFE/Graphoil/V-Pack PTFE Hand lever: DN15...DN100 Steel plasticized
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...+180°C
Operating pressure	Vacuum max. 10 ⁻² Torr up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, TA air, SIL3





Nominal size DN[mm]	PN [bar]	A	B	C	D	E	F	L	ØN	R	P	T	Y	Z	Kv value [m ³ /h]	Weight [approx. kg]	Type
15	16-40	52	4xM5	18	90	10	7	36	32	131	70	8	65	4xM12	19,2	1,50	BA497-15-L-A
20	16-40	56	4xM5	17,5	100	10	7	39	32	131	75	7,5	75	4xM12	35,0	1,95	BA497-20-L-A
25	16-40	72,5	4xM5	26	110	12	8	44	42	174	93	10,5	85	4xM12	64,5	2,80	BA497-25-L-A
32	16-40	75,5	4xM5	25	130	12	8	52	42	174	97	9,5	100	4xM16	103,8	3,45	BA497-32-L-A
40	16-40	93	4xM6	31	140	16	10	64	50	250	118	13	110	4xM16	174	6,86	BA497-40-L-A
50	16-40	102	4xM6	32	150	16	10	83	50	250	127	13	125	4xM16	301,3	9,86	BA497-50-L-A
65	16	121	4xM8	38,5	180	20	14	105	70	321	143	19	145	4xM16	545,7	17,00	BA497-65-L-A
65	40	121	4xM8	38,5	180	20	14	105	70	321	143	19	145	8xM16	545,7	17,00	BA821-65-L-A
80	16-40	132	4xM8	43,5	190	24	18	121	70	321	154	20	160	8xM16	872,5	22,30	BA497-80-L-A
100	16	146	4xM10	42	220	24	18	152	102	381	168	19	180	8xM16	1363,3	34,75	BA497-100-L-A
100	40	146	4xM10	42	220	24	18	152	102	381	168	19	190	8xM20	1363,3	34,40	BA821-100-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 BA497-L-A

Version 1.0

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