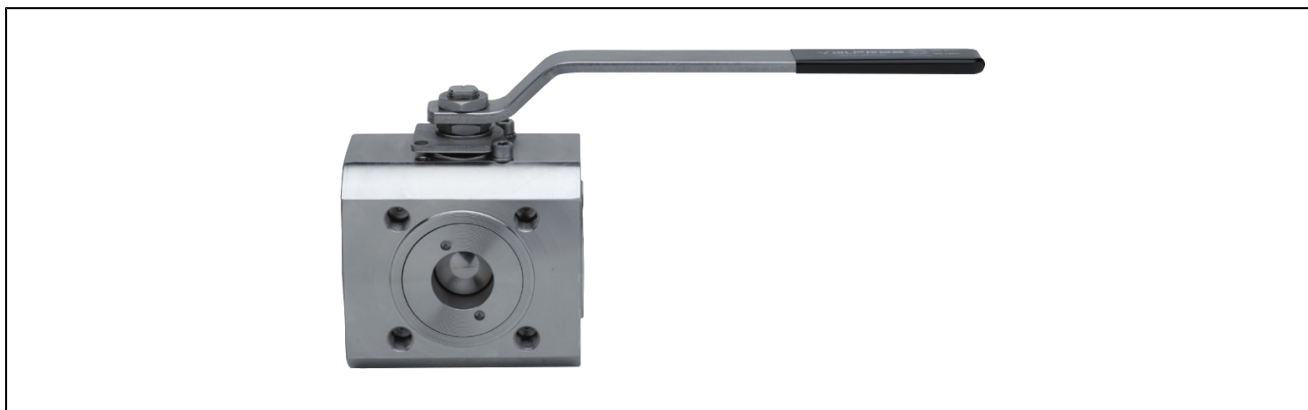


3-way flange ball valve, stainless steel series BA308, BA309

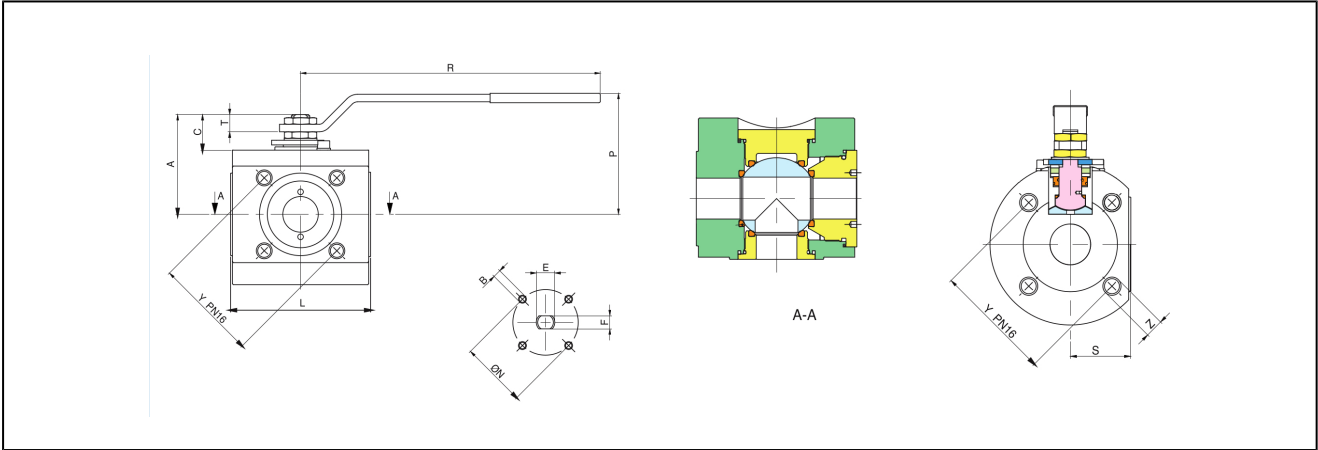


design	3-way ball valve with floating ball, full bore, sealing on three ports, not free of overlapping
actuation	with 90° turn of the handle
connection	swivel flanges DN15...DN100 according to EN1092-1 PN16
materials	body and ball stainless steel AISI 316, ball seats made of graphite reinforced PTFE, stem seal V-Pack PTFE/GRAPHOIL, o-rings FKM, hand lever made of stainless steel
application	group 1 and 2 liquids and gases acc. to PED 2014/68/EU and which do not affect the used materials. we recommend the use of special steam ball valves for applications with steam.
medium temperature	-20...+160°C
operating pressure	vacuum max. 10^{-3} Torr to nominal pressure according to table and pressure-temperature diagram
type of fixing	installed into rigid pipework
mounting position	any
approvals	ATEX EX II 2 G/D c T3, TA-Luft

diagramm flow path

BA309				BA308		
flow path 01	flow path 02	flow path 03	flow path 04	flow path 05	flow path 06	flow path 07
position 1						
position 2						
the hand levers may be turned each with 90° after removing the central mounting screws, the notch which indicates the ball position and the type of the valve is visible on the stem surface						

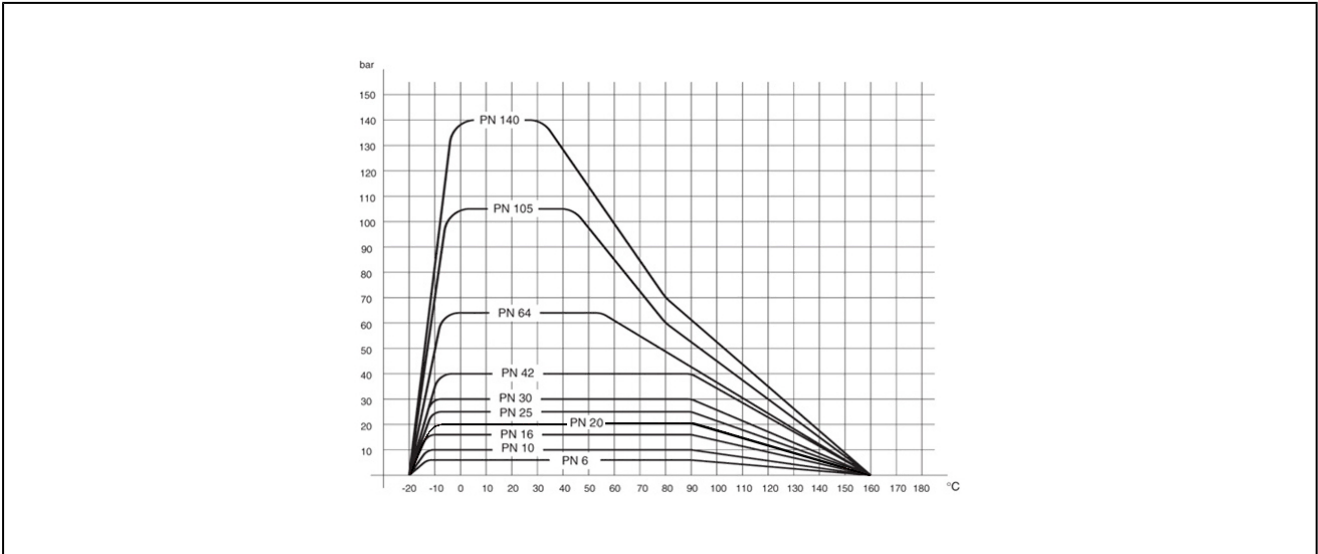
dimensions



nominal diameter DN[mm]	A	B	C	E	F	L	N	P	R	S	T	Y	Z
15	55	4 x M5	20	M10	7	99	42	73	131,5	35	10	65	4 x M12
20	72	4 x M6	28	M12	8	108	50	90	174	40	13	75	4 x M12
25	76	4 x M6	27	M12	8	115	50	95	174	41,5	12	85	4 x M12
32	92	4 x M6	31	M16	10	140	50	116	250	52,5	13	100	4 x M16
40	107	4 x M8	38	M20	14	150	70	129	321	56,5	18,5	110	4 x M16
50	115	4 x M8	38	M20	14	167	70	137	321	62	18,5	125	4 x M16
65	131	4 x M8	41	M20	14	185	70	150	321	85	22,5	145	4 x M16
80	147	4 x M10	40	M24	18	216	102	171	381	127	18	160	8 x M16
100	169	4 x M10	39	M24	18	244	102	192	381	150	18	180	8 x M16

nominal diameter DN[mm]	PN [bar]	kv value [m ³ /h]	weight [app. kg]	type T-bore	type L-bore
15	16	7,6	3,7	BA309-15-L-A	BA308-15-L-A
20	16	12,2	5,5	BA309-20-L-A	BA308-20-L-A
25	16	21,1	7	BA309-25-L-A	BA308-25-L-A
32	16	34,6	12,5	BA309-32-L-A	BA308-32-L-A
40	16	48,8	16,5	BA309-40-L-A	BA308-40-L-A
50	16	85,1	22,5	BA309-50-L-A	BA308-50-L-A
65	16	138,4	37	BA309-65-L-A	BA308-65-L-A
80	16	220,1	60	BA309-80-L-A	BA308-80-L-A
100	16	381,1	95	BA309-100-L-A	BA308-100-L-A

pressure-temperature-diagram



illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice