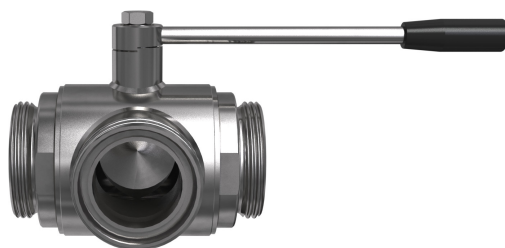
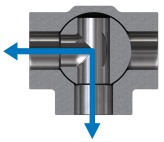
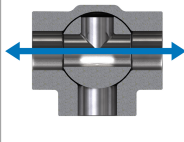
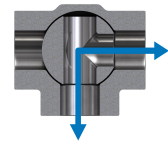
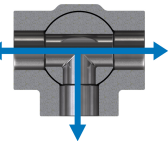
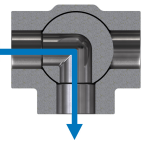
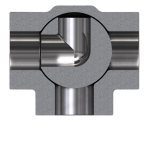
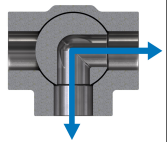
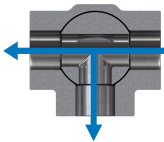
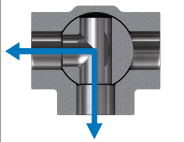
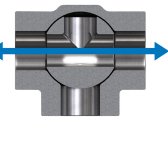
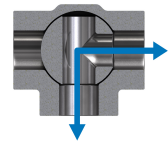
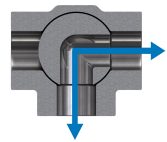
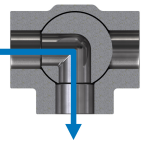
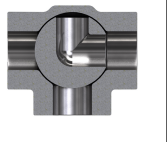


3-way ball valve, stainless steel series BA169 and BA512

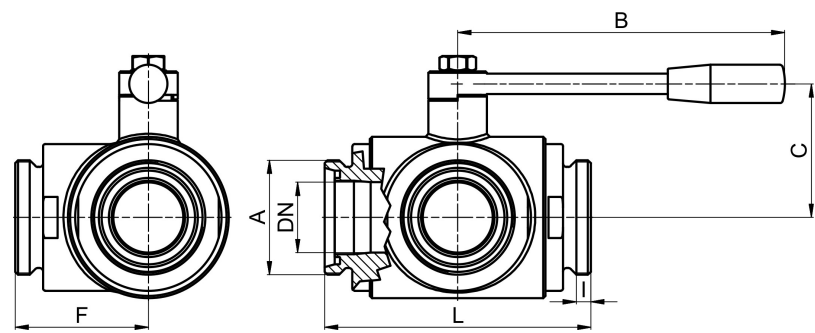


design	3-way ball valve with floating ball, full bore, ball is sealed on all sides, not free of overlapping
connection	thread according to DIN11851 DN15...DN100
materials	body stainless steel AISI 304L polished, ball stainless steel AISI 304L, ball seal made of PTFE, stem seal PTFE/FKM, hand lever made of stainless steel
type of fixing	installed into rigid pipework
mounting position	any
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 until nominal pressure acc. to table and pressure-temperature diagram
actuation	with 90° turn of the handle
special version	ATEX II 2 G/D T4

diagramm flow path

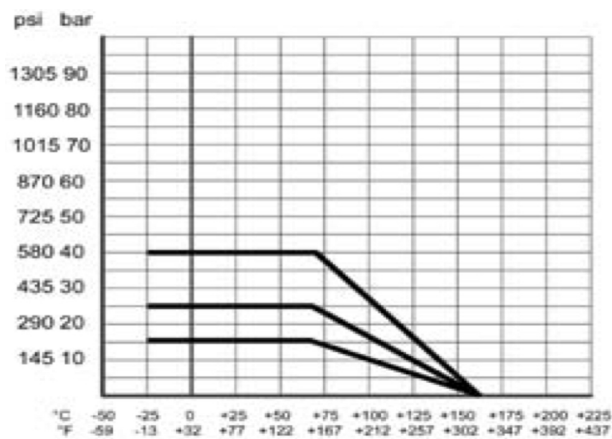
BA512				BA169		
flow path 01	flow path 02	flow path 03	flow path 04	flow path 05	flow path 06	flow path 07
position 1						
						
position 2						
						
the hand levers may be turned each with 90° after removing the central mounting screws, the notch which indicates the ball position and the type of the valve is visible on the stem surface						

dimensions



A	nominal diameter DN[mm]	PN [bar]	B	C	F	I	L	weight - BA512 [app. kg]	weight - BA169 [app. kg]	type - T-bore	type - L-bore
28 x 1/8"	10	40	110	60	54	12	108	1,08	1,10	BA510-RD28X18-L	BA169-RD28X18-L
34 x 1/8"	15	40	110	65	59	12	118	1,44	1,45	BA510-RD34X18-L	BA169-RD34X18-L
44 x 1/6"	20	40	160	70	65	14	130	2,27	2,30	BA510-RD44X16-L	BA169-RD44X16-L
52 x 1/6"	25	40	160	80	70	14	140	3,10	3,07	BA510-RD52X16-L	BA169-RD52X16-L
58 x 1/6"	32	40	190	95	78	14	156	5,07	5,15	BA510-RD58X16-L	BA169-RD58X16-L
65 x 1/6"	40	40	190	110	86	14	172	7,42	7,56	BA510-RD65X16-L	Bs169-RD65X16-L
78 x 1/6"	50	25	220	120	91	14	182	9,01	9,20	BA510-RD78X16-L	BA169-RD78X16-L
95 x 1/6"	65	25	285	130	98	16	196	10,95	11,27	BA510-RD95X16-L	BA169-RD95X16-L
110 x 1/4"	80	16	310	145	128	20	256	22,40	23,05	BA510-RD110X14-L	BA169-RD110X14-L
130 x 1/4"	100	16	310	160	143	20	286	35	36,16	BA510-RD130X14-L	BA169-RD130X14-L

pressure-temperature-diagram



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