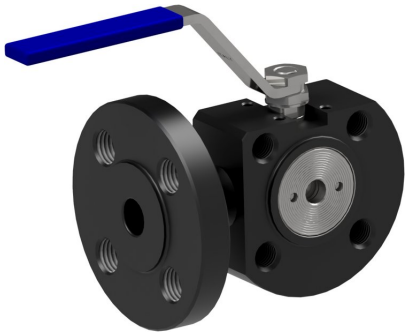
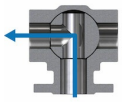
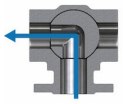
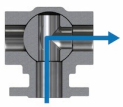
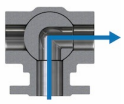
Partnership. With Guarantee.

3-Way flanged ball valves made of steel
Series BA046, BA047



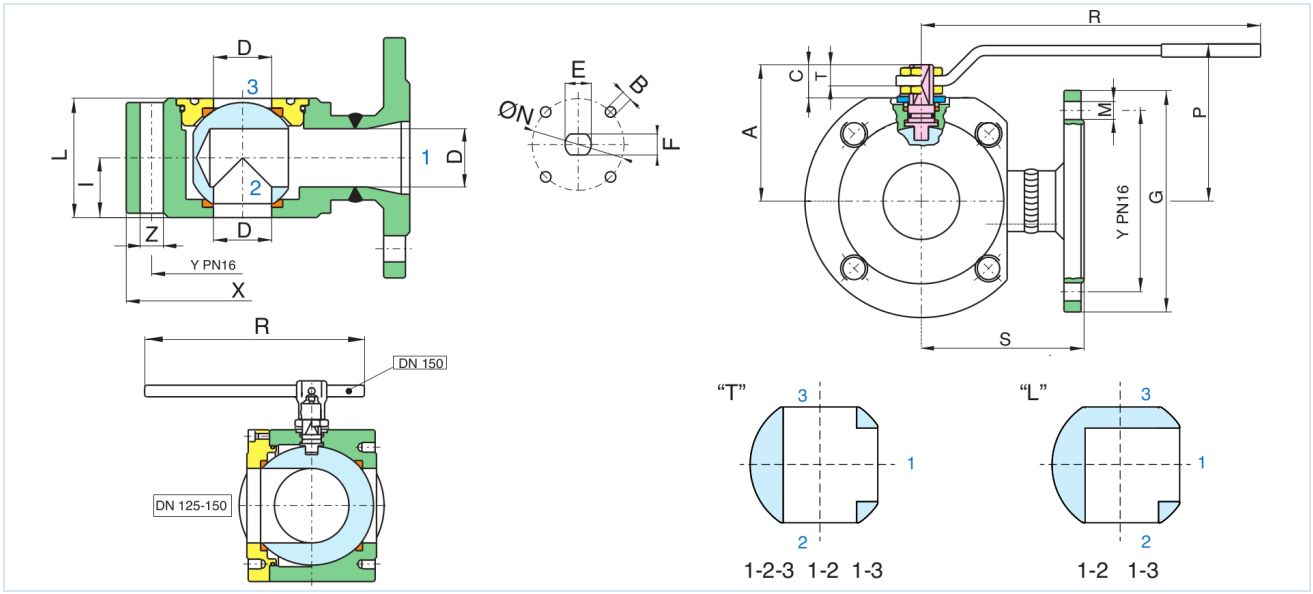
Design type	3-way ball valve with floating ball, reduced passage, double-sealed, non-overlapping, Pressure inlet front only
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN15...DN150 according to EN1092-1 PN16
Materials	Steel housing, Ball stainless steel 1.4301, Ball seal PTFE, Spindle seal PTFE, O-rings 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	-10...+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-Luft
Special version	antistatic version ATEX II 2G/D c T3, Flanges ANSI150 on request

Circuit diagram

BA047		BA046
Switching type 01	Switching type 04	Switching type 05
Position 1		
		
Position 2		
		

The handles can each be repositioned by 90°. After removing the central fixing screws, the notch on the top of the spindle becomes visible; it indicates the ball position and also allows the valve type to be identified.

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Nominal size DN[mm]	A	B	C	D	E	F	G	I	L	M	N	P	R	S	T	X	Y	Z
15	47	4 x M5	15,5	10	10	7	95	20	40	4 x Ø14	32	64,5	131,5	76	9	89	65	4 x M12
20	49,5	4 x M5	13,5	15	10	7	105	20	40	4 x Ø14	32	67	131,5	82	9	99	75	4 x M12
25	59	4 x M5	18	20	12	8	115	23	46	4 x Ø14	42	79	174,5	86	12,5	109	85	4 x M12
32	64	4 x M5	15,5	25	12	8	140	29	58	4 x Ø18	42	84	250,5	105	11,5	130	100	4 x M16
40	78	4 x M6	24,5	32	16	10	150	35,5	71	4 x Ø18	50	102,5	250,5	110	13	140	110	4 x M16
50	85	4 x M6	25	40	16	10	165	41	82	4 x Ø18	50	109	321,5	115	13,5	160	125	4 x M16
65	104,5	4 x M8	28	50,2	20	14	185	53	106	4 x Ø18	70	128	321,5	125	18	180	145	4 x M16
80	113	4 x M8	28	64	20	14	200	61	122	8 x Ø18	70	136,5	381,5	150	18	200	160	8 x M16
100	136	4 x M10	34,5	76	24	18	220	76	152	8 x Ø18	102	155,5	381,5	159	22	220	180	8 x M16
125	159	4 x M10	34,5	100	24	18	250	98	196	8 x Ø18	102	178,5	381,5	190	22	250	210	8 x M16
150	201	4 x M12	49	125	42	30	285	116	242	8 x Ø22	125	252	700	210	29	306	240	8 x M20

Nominal size DN[mm]	PN [bar]	Kv value [m ^{3} /h]	Weight [approx. kg]	Type T-port hole	Type L-bore
15	16	2,8	2,13	BA047-15-L	BA046-15-L
20	16	5,2	2,78	BA047-20-L	BA046-20-L
25	16	9,2	3,70	BA047-25-L	BA046-25-L
32	16	14,4	6,05	BA047-32-L	BA046-32-L
40	16	25,9	8,31	BA047-40-L	BA046-40-L
50	16	40,4	12,40	BA047-50-L	BA046-50-L
65	16	63,2	19,55	BA047-65-L	BA046-65-L
80	16	115,8	28,70	BA047-80-L	BA046-80-L
100	16	163,2	39,65	BA047-100-L	BA046-100-L
125	16	282,6	63,0	BA047-125-L	BA046-125-L
150	16	441,6	108,0	BA047-150-L	BA046-150-L
For ATEX versions, the type is suffixed with -A at the end.					

Illustrations non-binding
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