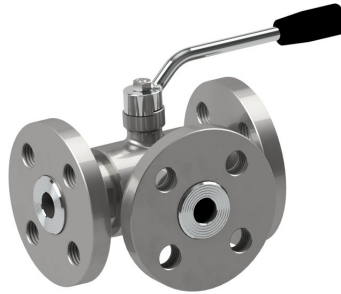


3-Way flanged ball valves made of stainless steel

Series 300150, 310150



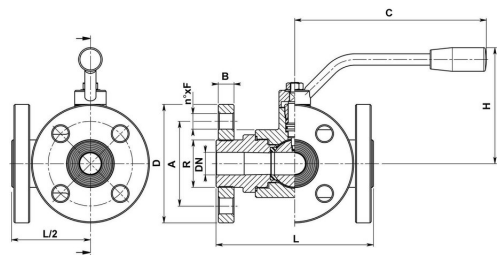
Design type	Three-way ball valve with floating ball, full bore passage, Ball sealed on all sides, not non-overlapping
Actuation	by 90° rotation of the hand lever
Connection	swivel flanges DN15...DN100 according to DIN 2501
Materials	Housing and ball Stainless steel AISI316L, Ball seal MPTFE, Spindle seal PTFE/FKM, Hand lever Stainless steel 1.4307/Thermoset (PF)
Application range	Fluids and gases of group 1 and 2 according to PED 2014/68/EU that do not attack the materials used. For steam applications we recommend using special steam valves.
Medium temperature	-20...+170°C
Operating pressure	Rated pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Special version	antistatic version ATEX EX II 2G Ex h IIC T4 Gb / II 2D Ex h IIC T135°C Db, Ball seal PTFE-glass fiber reinforced or PTFE-carbon-graphite reinforced, Vacuum application, Flanges ANSI150 and ANSI300 on request

Circuit diagram

300150				310150		
Switching type 01	Switching type 02	Switching type 03	Switching type 04	Switching type 05	Switching type 06	Switching type 07
Position 1						
						
Position 2						
						
Setting of the switching mode is carried out after dismantling the hand lever by manually turning the ball. After removing the central mounting 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.						



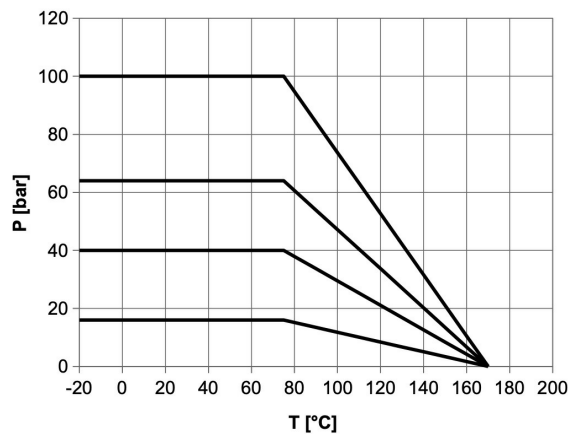
Dimensions



Nominal size DN[mm]	A	B	C	D	F	H	L	R
15	65	12	130	95	4 x Ø14	90	130	35
20	75	14	170	105	4 x Ø14	100	140	42
25	85	14	170	115	4 x Ø14	110	150	51
32	100	16	240	140	4 x Ø18	130	180	63
40	110	16	240	150	4 x Ø18	140	200	75
50	125	18	260	165	4 x Ø18	150	220	89
65	145	18	300	185	4 x Ø18	160	240	110
80	160	18	330	200	8 x Ø18	175	260	120
100	180	20	330	220	8 x Ø18	190	300	140

Nominal size DN[mm]	PN [bar]	Weight [approx. kg]	Type T-port hole	Type L-bore
15	40	3,24	300150-61410	310150-61410
20	40	4,86	300150-62010	310150-62010
25	40	6,13	300150-62610	310150-62610
32	40	10,62	300150-63010	310150-63010
40	40	14,15	300150-63410	310150-63410
50	40	18,38	300150-63810	310150-63810
65	16	23,55	300150-64410	310150-64410
80	16	34,12	300150-64810	310150-64810
100	16	50,00	300150-65410	310150-65410

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Flanged ball valves - stainless steel / Flanged ball valve Series 3101, 3001