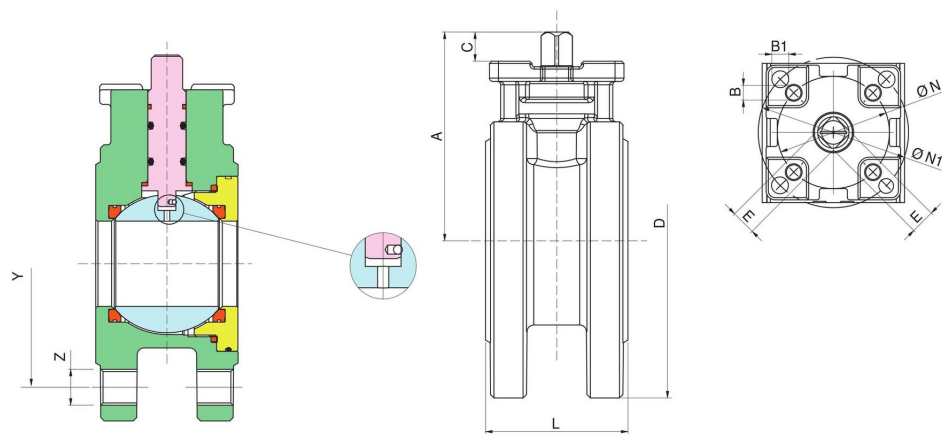


Steel flanged ball valves Series BA353



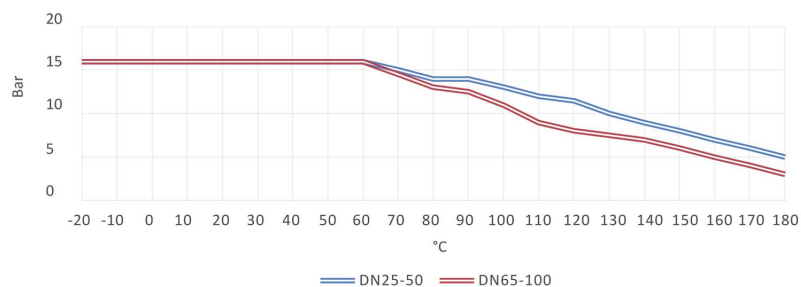
Design type	Shut-off valve with floating ball, full bore passage, antistatic version, Compensation hole
Connection	Flanges DN25...DN100 according to EN1092-1, PN16
Materials	Housing Steel 1.1131, Stainless steel ball 1.4301, Ball seal MPTFE, Spindle seal PTFE/MPTFE/FKM
Application range	Fluids and gases of Group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used
Medium temperature	-20...+180°C
Operating pressure	Vacuum max. 10 ⁻³ Torr up to Rated 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, Fire-safe, TA-Luft, SIL 3
Special versions	oil-, grease- and silicone-free for oxygen, Control ball, ANSI 150





Nominal size DN[mm]	PN [bar]	A	B	B1	C	D	E	L	ØN	ØN1	Y	Z	Kv value [m³/h]	Weight [approx. kg]	Type
25	16	70	5,5	7	11	110	9	48	36	50	85	4xM12	64,5	2,4	BA353-25-B-A
32	16	82	5,5	7	10	130	9	54	36	50	100	4xM16	103,8	3,5	BA353-32-B-A
40	16	93	6,5	-	13	140	11	63,5	50	-	110	4xM16	174	4,5	BA353-40-B-A
50	16	101,5	6,5	9	13,5	155	11	82	50	70	125	4xM16	301,3	6,7	BA353-50-B-A
65	16	128,5	9	-	15,5	180	14	103	70	-	145	4xM16	545,7	10,9	BA353-65-B-A
80	16	138	9	-	15	190	14	122	70	-	160	8xM16	872,5	14,0	BA353-80-B-A
100	16	153	9	-	18,5	220	17	152	70	-	180	8xM16	1363,3	20,9	BA353-100-B-A

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - automatically operated / Other materials - A03 / Flanged ball valve Series BA353-B-A

