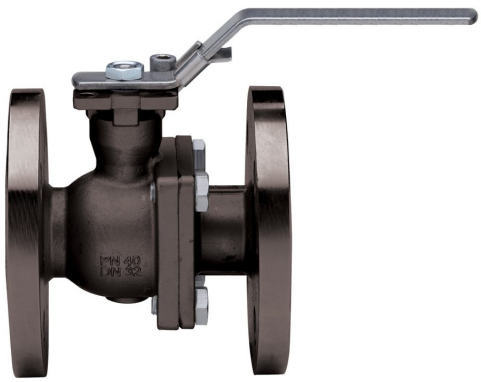
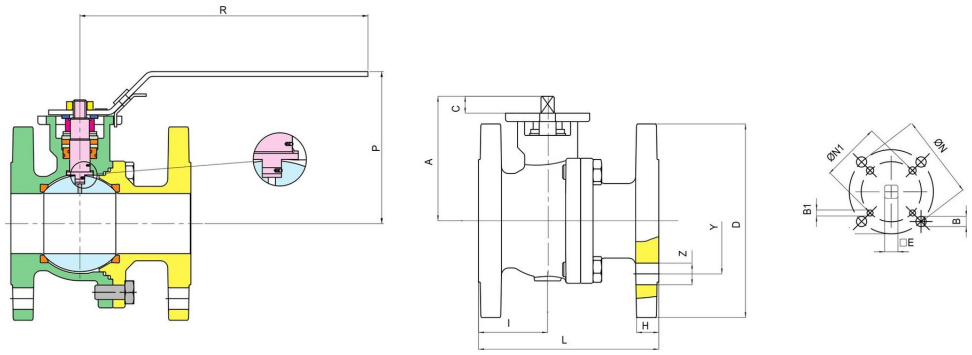
Partnership. With Guarantee.

Steel flanged ball valves
Series BA843



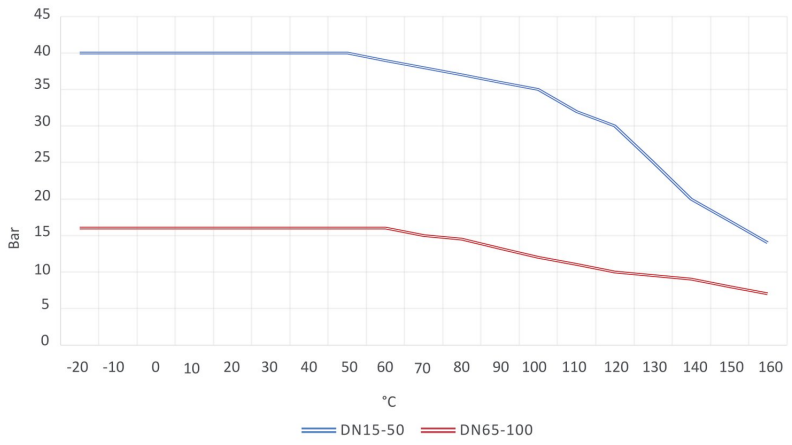
Design type	Shut-off valve with floating ball, full bore passage, antistatic version, Compensation hole, with shut-off device
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN25...DN50 according to EN1092-1 PN40 Flanges DN65...DN100 according to EN1092-1 PN16
Overall length	according to EN558-1R27
Materials	Housing Steel 1.1131, Stainless steel ball AISI 304, Ball seal PTFE, Spindle seal PTFE/Graphoil/FKM, Hand lever Stainless steel
Application range	Fluids and gases of group 1 and 2 according to PED 2014/68/EU that do not attack the materials used.
Medium temperature	-20...+160°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 Dp, Fire-safe, TA-Luft, SIL 3
Special versions	oil-, grease- and silicone-free for oxygen, Low-temperature version, Control ball, ANSI 150

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Nominal size DN[mm]	PN [bar]	A	B	B1	C	D	E	H	I	L	ØN	ØN1	P	R	Y	Z	Kv value [m³/h]	Weight [approx. kg]	Type
25	40	69	7	-	11	115	9	18	53	125	50-F05	-	94	161	85	4 x Ø14	64,5	3,7	BA843-25-LLD-A
32	40	82	7	-	11	140	9	18	55	130	50-F05	-	108	161	100	4 x Ø18	103,8	5,0	BA843-32-LLD-A
40	40	94	8,5	M6	14	150	11	18	52	140	70-F07	50-F05	119	241	110	4 x Ø18	174,0	6,7	BA843-40-LLD-A
50	40	103	8,5	M6	13,5	165	11	18	57,5	150	70-F07	50-F05	128	241	125	4 x Ø18	301,3	9,3	BA843-50-LLD-A
65	16	128,5	8,5	-	17,5	185	14	18	63	170	70-F07	-	154	321	145	4 x Ø18	545,7	13,2	BA843-65-LLD-A
80	16	137,5	11	M10	17,5	200	14	20	75,5	180	102-F10	70-F07	163	321	160	8 x Ø18	872,5	17,2	BA843-80-LLD-A
100	16	153,5	11	M10	19	220	17	20	80	190	102-F10	70-F07	177	380	180	8 x Ø18	1363,3	23,4	BA843-100-LLD-A

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

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