Partnership. With Guarantee.

Stainless steel flanged ball valves
Series BA550, BA895

Design type	Full port ball valve with floating ball, DN10...DN100 full bore passage, DN125 reduced passage
Actuation	by 90° rotation of the hand lever
Connection	swivel flanges according to EN1092-1 DN10...DN50 PN40, DN65...DN80 PN16/PN40, DN100 PN16/PN25, DN125 PN16
Materials	Housing Stainless steel AISI316L polished, Ball Stainless steel AISI316L, Stainless steel hand lever 1.4307 plasticized, Ball seal MPTFE, Spindle seal PTFE, O-ring EPDM-Peroxide
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	-45...+150°C
Operating pressure	0bar up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Special versions	antistatic version ATEX II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135°C Db, oil-, grease- and silicone-free for oxygen, Oil- and grease-free version for hydrogen, Special seals on request

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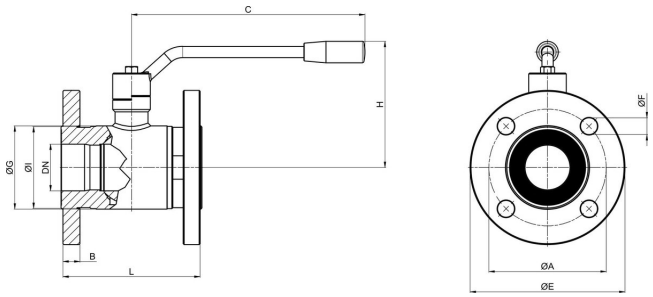
Type code

		BA550	-	20	-	L	-	A0H3C	-	01
	PN25, PN40	BA550								
Type	PN16	BA895								
Connection	DN 10			10						
	DN 15			15						
	DN 20			20						
	DN 25			25						
	DN 32			32						
	DN 40			40						
	DN 50			50						
	DN 65			65						
	DN 80			80						
	DN 100			100						
	DN 125			125						
Actuation	Hand lever					L				
	Hand lever with shut-off device					LLD				
	Gearbox					G				
	Gearbox with shut-off device					GLD				
Special version	ATEX							A		
	oil- and grease-free version for oxygen							0		
	Oil- and grease-free version for hydrogen							H		
	Inspection certificate EN-10204-3.1; for material, pressure, function and tightness							3C		
Special version 1	described in item text									01



Nominal size DN[mm]	PN [bar]	A	B	C	ØE	F	ØG	H	ØI	L	Kv value [m³/h]	Weight [approx. kg]	Type
10	40	60	12	125	90	4 x Ø14	30	72	30	110	11	1,57	BA550-10-L
15	40	65	12	125	95	4 x Ø14	35	74	34	115	20	1,8	BA550-15-L
20	40	75	14	125	105	4 x Ø14	42	78	42	120	60	2,55	BA550-20-L
25	40	85	14	170	115	4 x Ø14	52	92	51	125	100	3,45	BA550-25-L
32	40	100	16	170	140	4 x Ø18	60	97	63	130	130	5,1	BA550-32-L
40	40	110	16	240	148	4 x Ø18	73	130	75	140	170	6,45	BA550-40-L
50	40	125	18	240	165	4 x Ø18	89	135	89	150	280	8,9	BA550-50-L
65	40	145	20	260	185	8 x Ø18	113	159	110	170	510	13	BA550-65-L
65	16	145	18	260	185	4 x Ø18	113	159	110	170	510	-	BA895-65-L
80	40	160	22	300	200	8 x Ø18	136	170	120	180	770	16,1	BA550-80-L
80	16	160	18	300	200	8 x Ø18	136	170	120	180	770	-	BA895-80-L
100	25	190	24	330	235	8 x Ø22	167	190	140	190	1200	23	BA550-100-L
100	16	190	20	330	220	8 x Ø18	167	180	140	190	1200	-	BA895-100-L
125 reduced	16	210	22	330	250	8 x Ø18	167	190	153	200	1200	23	BA895-125-L

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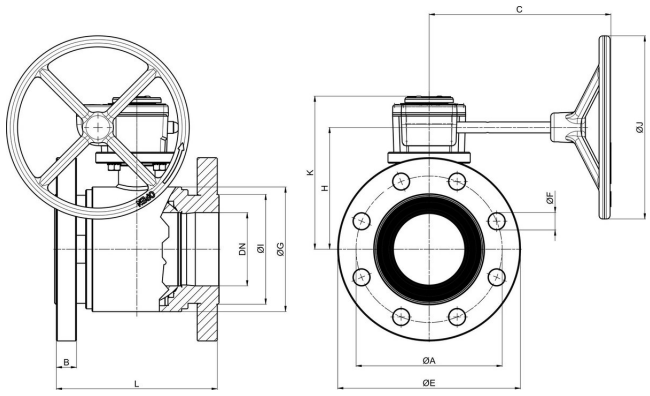
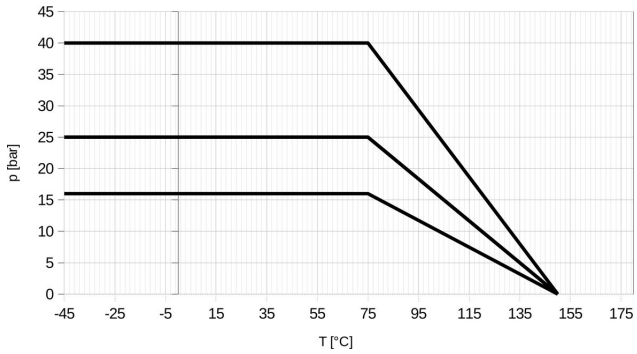


Nominal size DN[mm]	PN [bar]	A	B	C	ØE	F	ØG	H	ØI	ØJ	L	K	Kv value [m³/h]	Weight [approx. kg]	Type
65	40	145	20	199	185	8 x Ø18	113	121,5	110	200	170	156	510	-	BA550-65-G
65	16	145	18	199	185	4 x Ø18	113	121,5	110	200	170	156	510	-	BA895-65-G
80	40	160	22	199	200	8 x Ø18	136	133	120	200	180	167,5	770	-	BA550-80-G
80	16	160	18	199	200	8 x Ø18	136	133	120	200	180	167,5	770	-	BA895-80-G
100	25	190	24	199	235	8 x Ø22	167	147	140	200	190	181,5	1200	-	BA550-100-G
100	16	190	20	199	220	8 x Ø18	167	147	140	200	190	181,5	1200	-	BA895-100-G
125 reduced	16	210	22	199	250	8 x Ø18	167	147	153	200	200	181,5	1200	-	BA895-125-G

Pressure-temperature diagram



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