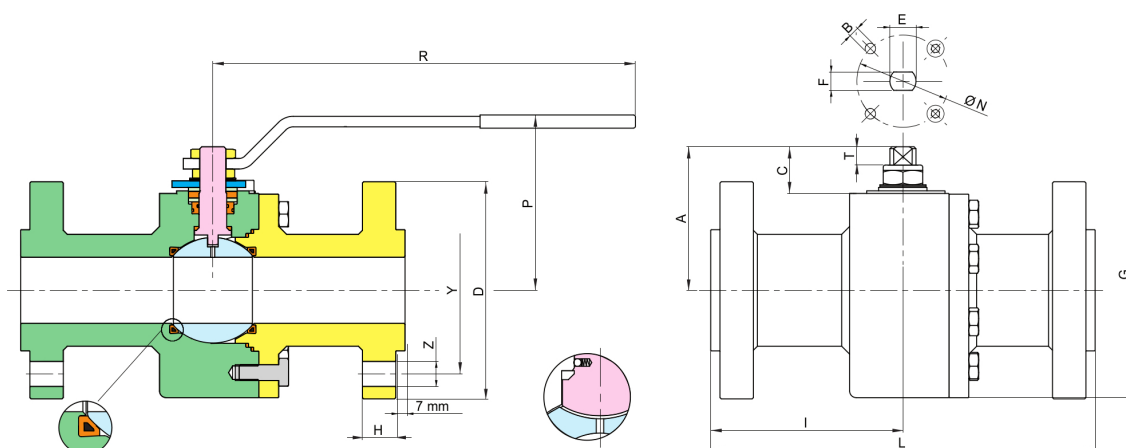


flange ball valve made of stainless steel series BA071

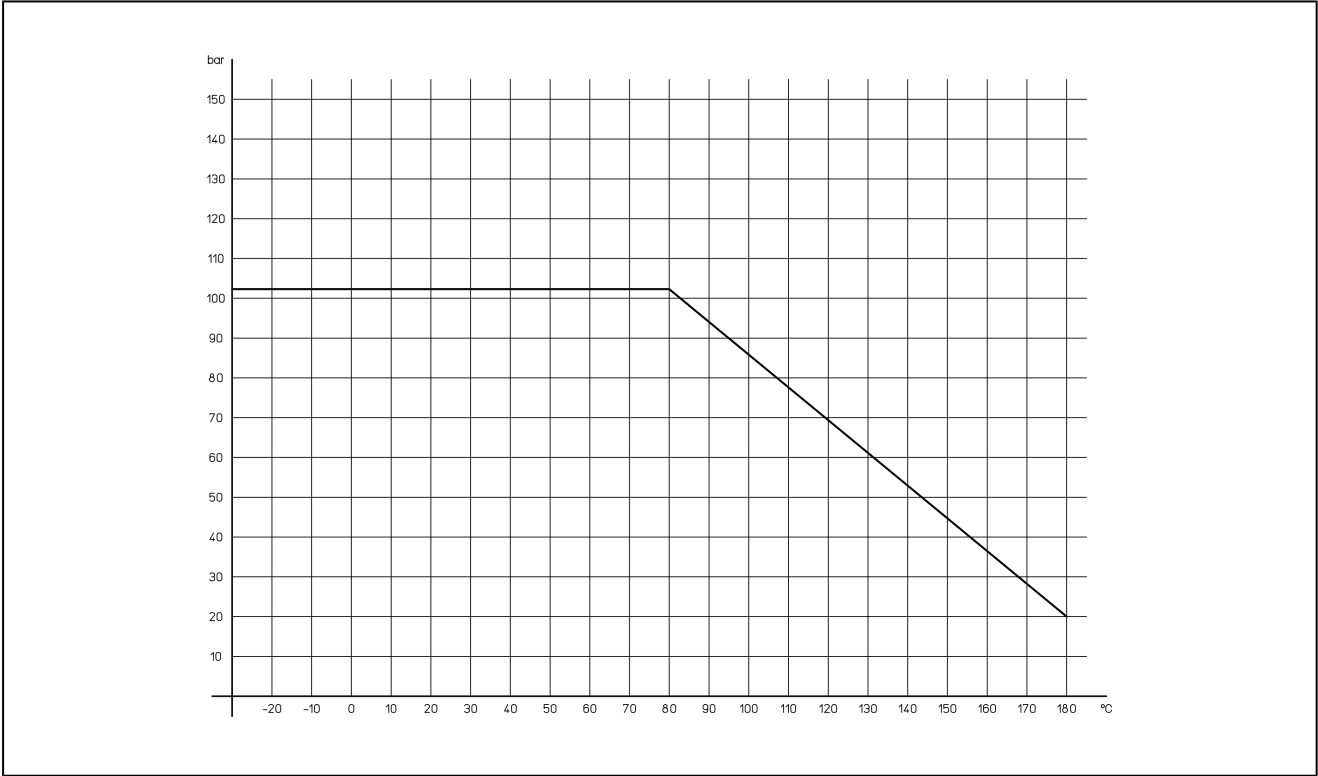


design	two way ball valve with floating ball, full bore, compensation hole
actuation	with 90° turn of the handle
connection	flange DN15...DN100 acc. to ANSI 600
length	according to ANSI B16.10
materials	body and ball AISI 316, ball seal made of metallic-reinforced PTFE, stem seal PTFE/Graphoil/FKM, hand lever made of stainless steel
application	group 1 and 2 liquids and gases acc. to PED 2014/68/EU and which do not affect the used materials.
medium temperature	-20...+160°C (steam max. 180°C)
operating pressure	vacuum max. 10^{-3} Torr to nominal pressure according to table and pressure-temperature diagram (steam max. 10bar)
type of fixing	installed into rigid pipework
mounting position	any
approvals	ATEX EX II 2 G/D c T3, fire-safe, TA-Luft, SIL 3
special versions	free of oil, grease and silicon for oxygen, low temperature design to -40°C on request



nominal diameter DN[mm]	PN [bar]	A	B	C	D	E	F	G	H	I	L	ØN	P	R	Y	Z	kv value [m³/h]	weight [app. kg]	type
15	100	52,5	M5	19,5	95	M10	7	85	14,3	82,5	165	42-F04	88	131	66,7	4 x Ø16	19,2	4,10	BA071-15-L-A
20	100	56	M5	19,5	115	M10	7	95	15,9	95,5	191	42-F04	92	131	82,6	4 x Ø19	35,0	6,00	BA071-20-L-A
25	100	72,5	M6	27,5	125	M12	8	108	17,5	108	216	50-F05	110	174	89	4 x Ø19	64,5	8,90	BA071-25-L-A
40	100	107	M6	32	155	M16	10	159	22,3	120,5	241	50-F05	131	251	114,5	4 x Ø22	174,0	20,00	BA071-40-L-A
50	100	109	M8	35,5	165	M20	14	163	25,4	146	292	70-F07	133	321	127	8 x Ø19	301,3	25,50	BA071-50-L-A
80	100	132	M10	40	210	M24	18	208	31,8	178	356	102-F10	156	381	168,5	8 x Ø22	872,5	52,00	BA071-80-L-A
100	100	165	M10	43	275	M24	18	216	38,1	216	432	102-F10	186	381	216	8 x Ø26	1363,3	97,00	BA071-100-L-A

pressure-temperature-diagram



illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice