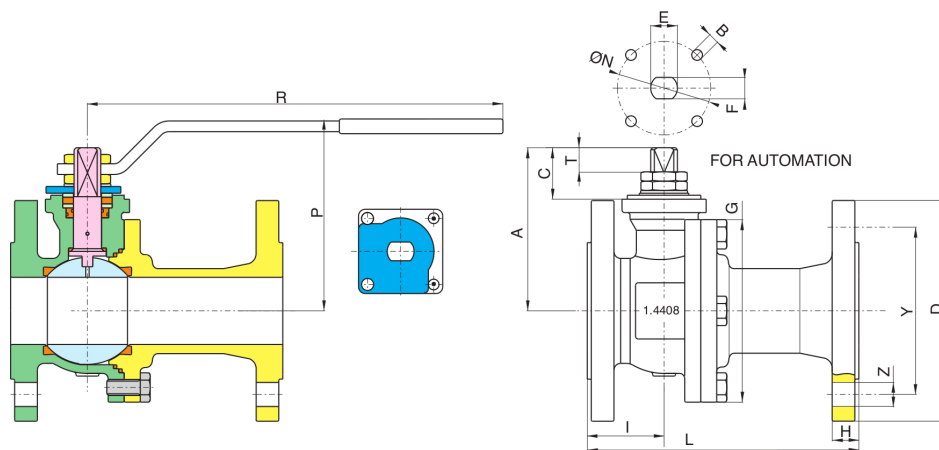


flange ball valve made of stainless steel series BA073

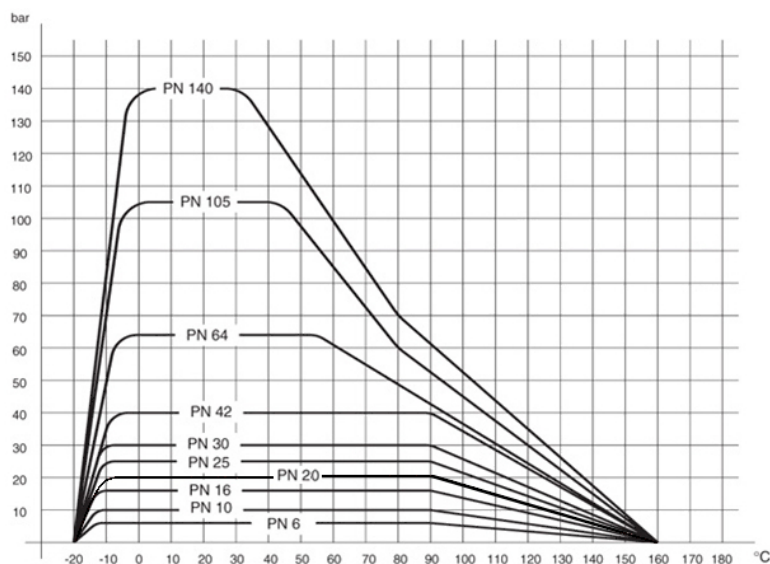


design	two way ball valve with floating ball, full bore, antistatic design, compensation hole, with locking device
actuation	with 90° turn of the handle
connection	flange DN15...DN100 according to EN1092-1
length	according to EN558-1R1
materials	body and ball AISI 316, ball seal PTFE, stem seal PTFE/Graphoil/FKM, hand lever: 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	ANSI flange, free of oil, grease and silicon for oxygen on request



nominal diameter DN[mm]	PN [bar]	A	B	C	D	E	F	H	I	L	R	ØN	P	T	Y	Z	kv value [m ³ /h]	weight [app. kg]	type
15	40	52	M5	19	95	M10	7	16	49	130	131	42-F04	88	8	65	4 x Ø14	19,2	3	BA073-15-LLD-A
20	40	56	M5	19	105	M10	7	18	51,5	150	131	42-F04	93	8	75	4 x Ø14	35,0	3,5	BA073-20-LLD-A
25	40	72,5	M6	27,5	115	M12	8	18	53	160	174	50-F05	89	13	85	4 x Ø14	64,5	4	BA073-25-LLD-A
32	40	76	M6	27,5	140	M12	8	18	55	180	174	50-F05	112	13	100	4 x Ø18	103,8	6,1	BA073-32-LLD-A
40	40	107	M6	30	150	M16	10	18	51,5	200	250	50-F05	133	10	110	4 x Ø18	174,0	10	BA073-40-LLD-A
50	40	122	M8	38,5	165	M20	14	20	57,5	230	321	70-F07	144	18	125	4 x Ø18	301,3	12,5	BA073-50-LLD-A
65	16	133	M8	39,5	185	M20	14	18	61	290	321	70-F07	154	18	145	4 x Ø18	545,7	15	BA073-65-LLD-A
80	16	151	M10	43	200	M24	18	20	75,5	310	381	102-F10	173	18	160	8 x Ø18	872,5	23	BA073-80-LLD-A
100	16	165	M10	43	220	M24	18	20	80	350	381	102-F10	187	18	180	8 x Ø18	1363,3	31	BA073-100-LLD-A

pressure-temperature-diagram



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