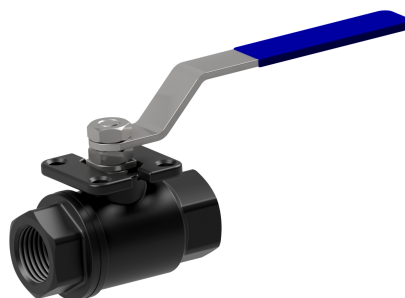
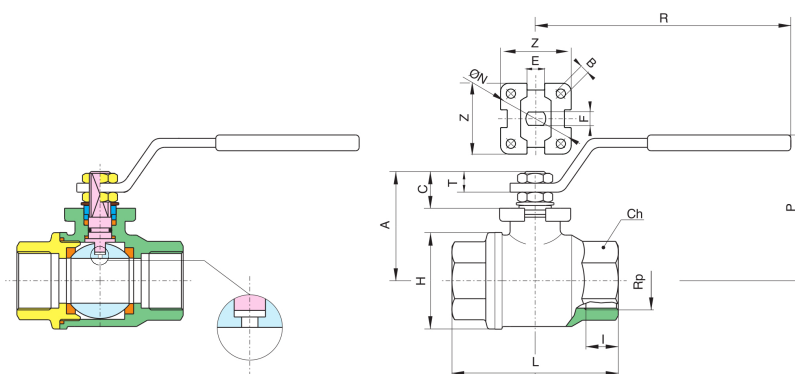


ball valves made of steel

series BA027



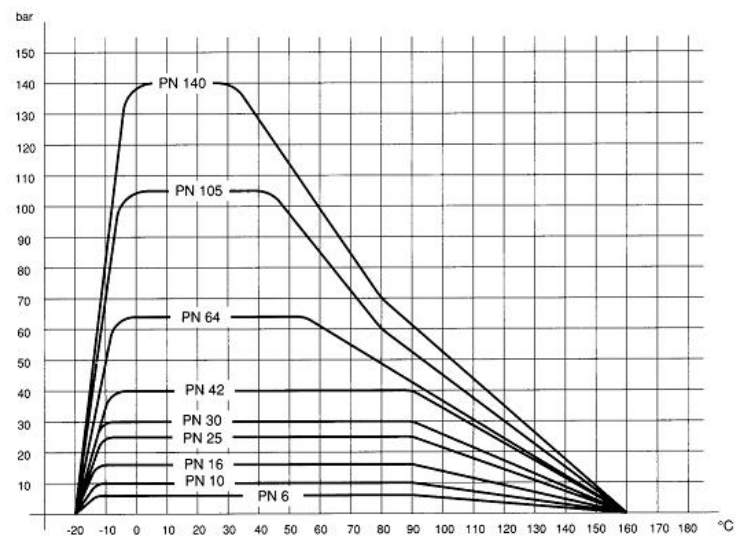
design	two way ball valve with floating precision ball, full bore, compensation hole
actuation	with 90° turn of the handle
connection	RP1/4" ... RP2" according to ISO7/1
materials	body steel, ball stainless steel AISI 304, ball seal PTFE, stem seal PTFE/FKM, hand lever made of plastic coated steel
application	group 1 and 2 liquids and gases acc. to PED 2014/68/EU and which do not affect the used materials. we recommend the use of special steam ball valves for applications with steam.
medium temperature	-20...+160°C
operating pressure	vacuum max. 10 ⁻² Torr to nominal pressure according to table and pressure-temperature diagram
type of fixing	installed into rigid pipework
mounting position	any
approvals	TA-Luft
special versions	antistatic design ATEX II 2G/D c T3, fire-safe



Rp	nominal diameter DN[mm]	PN [bar]	A	B	C	CH	E	F	H	I	L	P	R	T	ØN	Z	kv value [m ³ /h]	weight [app. kg]	type
1/4"	8	64	35	5,5	13,5	22	8	5	30	11	55	50	110	8	36	36	5,5	0,26	BA027-14-L
3/8"	10	64	35	5,5	13,5	22	8	5	30	11,4	55	50	110	8	36	36	8,5	0,24	BA027-38-L
1/2"	15	64	38	5,5	13,5	27	8	5	36	15	66	53	110	8	36	36	19,2	0,33	BA027-12-L
3/4"	20	64	51	5,5	15	32	10	7	45	16,3	79	68	131	10	42	42	35,0	0,60	BA027-34-L
1"	25	64	60	5,5	19,5	41	12	8	54	19,1	93	79	174	12,5	42	42	64,5	0,95	BA027-10-L
1 1/4"	32	64	64	5,5	19,5	50	12	8	64	21,4	98	83	174	12,5	42	42	103,8	1,34	BA027-114-L
1 1/2"	40	64	79	6,5	24	55	16	10	80	21,4	110	100	250	16,5	50	50	174,0	2,25	BA027-112-L
2"	50	64	86	6,5	24	70	16	10	95	25,7	130	107	250	16,5	50	50	301,3	3,30	BA027-20-L

for ATEX versions, add -A at the end of the type.

pressure-temperature-diagram



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