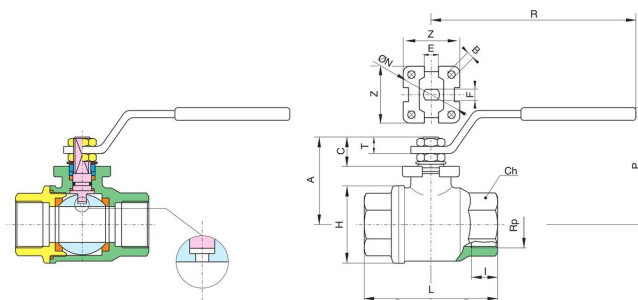


Steel ball valves Series BA027



Design type	Shut-off valve with floating precision ball, full bore passage, Compensation hole
Actuation	by 90° rotation of the hand lever
Connection	RP1/4"...RP2" according to ISO7/1
Materials	Steel housing, Ball stainless steel 1.4301, Ball seal PTFE, Spindle seal PTFE/FKM, Hand lever steel plastic-coated
Application range	Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used. For steam applications we recommend using special steam valves.
Medium temperature	-20...+160°C
Operating pressure	Vacuum max. 10 ⁻² Torr up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	TA-Luft, SIL 3
Special versions	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, Fire-safe, NPT thread

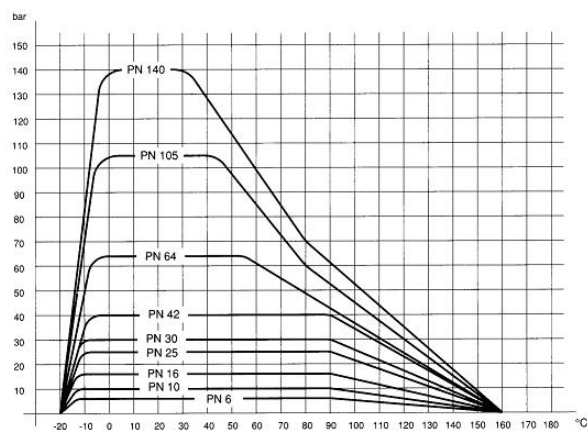




Rp	Nominal size DN[mm]	PN [bar]	A	B	C	CH	E	F	H	I	L	P	R	T	ØN	Z	Kv value [m ³ /h]	Weight [approx. kg]	Type
1/4"	8	64	35	5,5	13,5	22	8	5	30	11	55	50	110	8	36	36	5,5	0,26	BA027-14-L
3/8"	10	64	35	5,5	13,5	22	8	5	30	11,4	55	50	110	8	36	36	8,5	0,24	BA027-38-L
1/2"	15	64	38	5,5	13,5	27	8	5	36	15	66	53	110	8	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, the type is suffixed with -A at the end.

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Ball valve made of steel Series BA027-L

Version 8

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