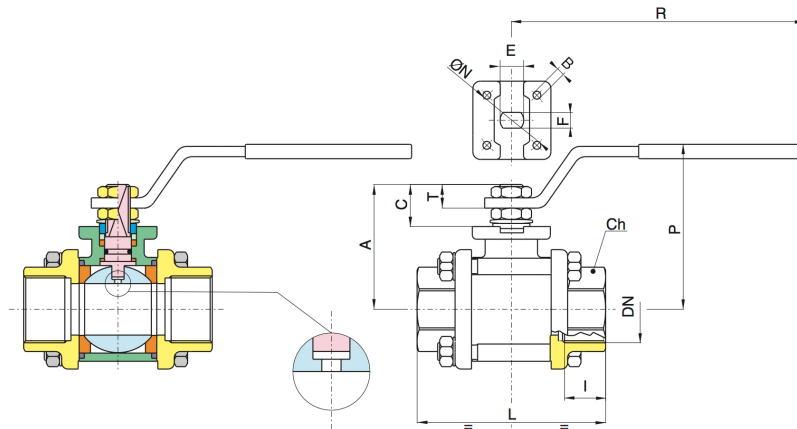


three piece type ball valve made of steel series BA028



design	two way ball valve with floating ball, full bore, compensation hole
actuation	with 90° turn of the handle
connection	RP1/4"...RP4" according to ISO7/1 respectively NPT1/4"...NPT4" according to ANSI B 1.20.1
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	-10...+160°C
operating pressure	vacuum max. 10^{-3} 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, NPT thread, integral seals, free of oil, grease and silicon for oxygen



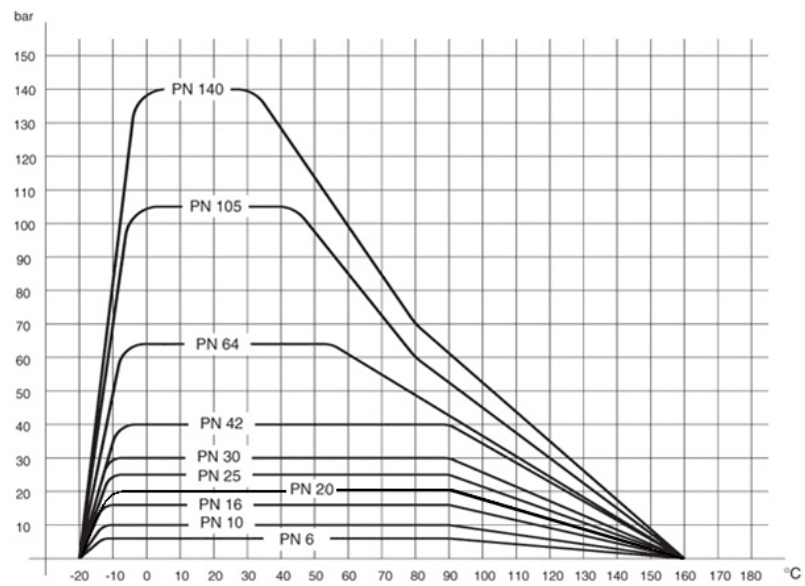
connection	nominal diameter DN[mm]	PN [bar]	A	B	C	CH	E	F	I	L	N	P	R	T	kv value [m ³ /h]	weight [app. kg]	type
1/4"	8	64	35	-	13,5	22	8	5	11	57	-	50	110	9	5,5	0,28	BA028-14-L
3/8"	10	64	35	-	13,5	22	8	5	11,4	57	-	50	110	9	8,5	0,25	BA028-38-L
1/2"	15	64	47	6	15	27	10	7	15	65	36	64	131	10	19,2	0,48	BA028-12-L
3/4"	20	40	52	5,5	16	32	10	7	16,3	76	42	68	131	10	35	0,67	BA028-34-L
1"	25	40	60	6	19,5	41	12	8	19,1	92	42	79	174	12,5	64,5	1,22	BA028-10-L
1 1/4"	32	25	64	5,5	19,5	50	12	8	21,4	106	42	83	174	12,5	103,8	1,67	BA028-114-L
1 1/2"	40	25	79	6,5	24	55	16	10	21,4	116	50	100	250	16,5	174	2,51	BA028-112-L
2"	50	25	86	6,5	24	70	16	10	25,7	136	50	107	250	16,5	301,3	3,95	BA028-20-L
2 1/2"	65	16	103	M8	28	90	20	14	30,2	153	70	126	321	18	545,7	7,99	BA028-212-L
3"	80	16	114	M8	28	105	20	14	33,3	180	70	137	321	18	872,5	12,94	BA028-30-L
4"	100	16	137	M10	34,5	130	24	18	39,3	217	102	156	381	22	1363,3	21,50	BA028-40-L

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

connection	nominal diameter DN[mm]	PN [bar]	A	B	C	CH	E	F	I	L	N	P	R	T	kv value [m ³ /h]	weight [app. kg]	type
1/4"-NPT	8	64	35	-	13,5	22	8	5	11	57	-	50	110	9	5,5	0,28	BA028-14N-L
3/8"-NPT	10	64	35	-	13,5	22	8	5	11,4	57	-	50	110	9	8,5	0,25	BA028-38N-L
1/2"-NPT	15	64	47	6	15	27	10	7	15	65	36	64	131	10	19,2	0,48	BA028-12N-L
3/4"-NPT	20	40	52	5,5	16	32	10	7	16,3	76	42	68	131	10	35	0,67	BA028-34N-L
1"-NPT	25	40	60	6	19,5	41	12	8	19,1	92	42	79	174	12,5	64,5	1,22	BA028-10N-L
1 1/4"-NPT	32	25	64	5,5	19,5	50	12	8	21,4	106	42	83	174	12,5	103,8	1,67	BA028-114N-L
1 1/2"-NPT	40	25	79	6,5	24	55	16	10	21,4	116	50	100	250	16,5	174	2,51	BA028-112N-L
2"-NPT	50	25	86	6,5	24	70	16	10	25,7	136	50	107	250	16,5	301,3	3,95	BA028-20N-L
2 1/2"-NPT	65	16	103	M8	28	90	20	14	30,2	153	70	126	321	18	545,7	7,99	BA028-212N-L
3"-NPT	80	16	114	M8	28	105	20	14	33,3	180	70	137	321	18	872,5	12,94	BA028-30N-L
4"-NPT	100	16	137	M10	34,5	130	24	18	39,3	217	102	156	381	22	1363,3	21,50	BA028-40N-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