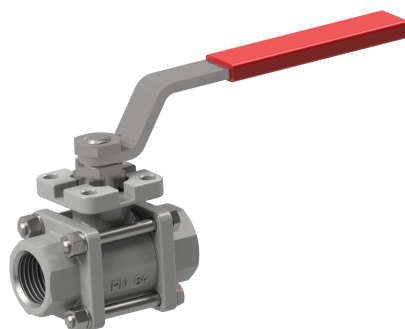
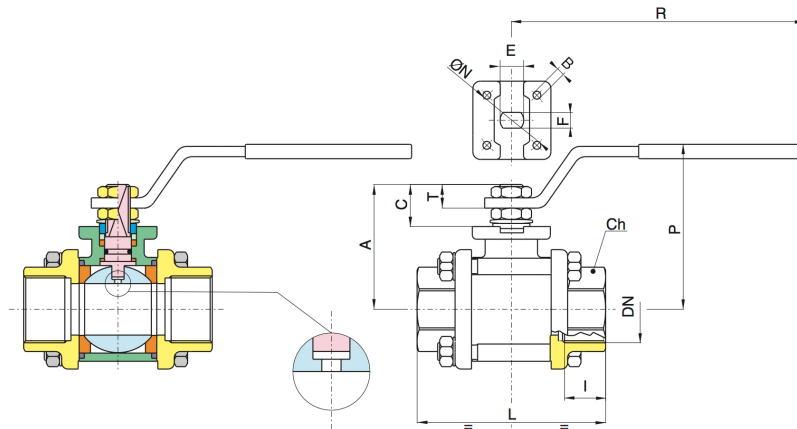


three piece type ball valve made of stainless steel series BA410



design	two way ball valve with floating ball, full bore, compensation hole on the stem and at the pressure inlet, antistatic design
actuation	with 90° turn of the handle
connection	RP1/4" ... RP4" according to ISO7/1 respectively 1/4"NPT ... 4"NPT according to ANSI B1.20.1
materials	body and ball stainless steel AISI 316, PTFE-reinforced with carbographtite, stem seal PTFE/EPDM hand lever: RP1/4" ... 2" stainless steel AISI 430 plastic coated, RP21/2" ... 4" steel plastic coated tie-rods and nuts: RP1/4" ... 2" stainless steel AISI 304, RP21/2" ... 4" zinc plated steel
application	glycol-applications
medium temperature	-40...+160°C
operating pressure	vacuum max. 10 ⁻³ Torr to nominal pressure according to table and pressure-temperature diagram
flow direction	marked by an arrow on the body
type of fixing	installed into rigid pipework
mounting position	any
approvals	TA-Luft, SIL3
special versions	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db



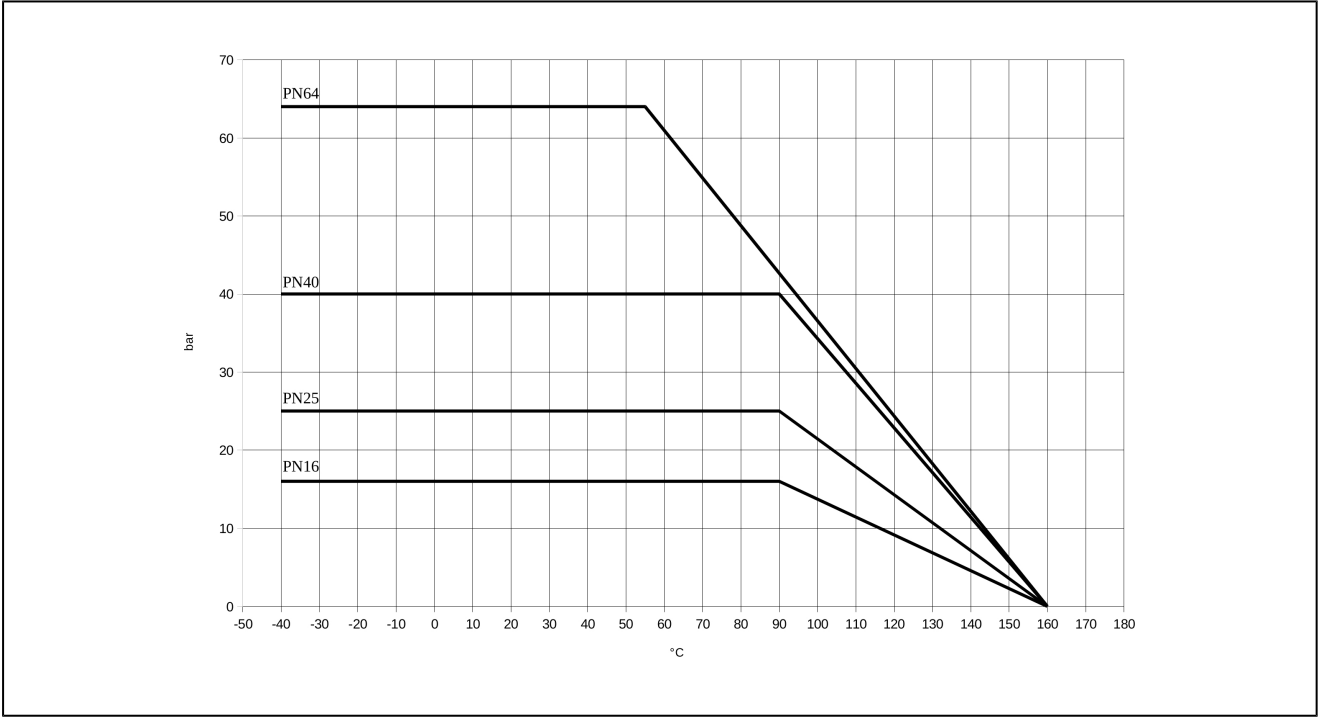
connection	nominal diameter DN[mm]	PN [bar]	A	CH	E	F	I	L	R	P	C	T	N	B	kv value [m ³ /h]	weight [app. kg]	type
1/4"	8	64	35	22	8	5	11	57	110	50	13,5	9	-	-	5,5	0,28	BA410-14-L
3/8"	10	64	35	22	8	5	11,4	57	110	50	13,5	9	-	-	8,5	0,26	BA410-38-L
1/2"	15	64	47	27	10	7	15	65	131	64	15	10	36	6	19,2	0,48	BA410-12-L
3/4"	20	40	52	32	10	7	16,3	76	131	68	16	10	42	5,5	35,0	0,70	BA410-34-L
1"	25	40	60	41	12	8	19,1	92	174	79	19,5	12,5	42	6	64,5	1,23	BA410-10-L
1 1/4"	32	25	64	50	12	8	21,4	106	174	83	19,5	12,5	42	5,5	103,8	1,69	BA410-114-L
1 1/2"	40	25	79	55	16	10	21,4	116	250	100	24	16,5	50	6,5	174,0	2,50	BA410-112-L
2"	50	25	86	70	16	10	25,7	136	250	107	24	16,5	50	6,5	301,3	3,88	BA410-20-L
2 1/2"	65	16	103	90	20	14	30,2	153	321	126	28	18	70	M8	545,7	8,06	BA410-212-L
3"	80	16	114	105	20	14	33,3	180	321	137	28	18	70	M8	872,5	12,88	BA410-30-L
4"	100	16	137	130	24	18	39,3	217	381	156	34,5	22	102	M10	1363,3	21,50	BA410-40-L

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

connection	nominal diameter DN[mm]	PN [bar]	A	CH	E	F	I	L	R	P	C	T	N	B	kv value [m ³ /h]	weight [app. kg]	type
1/4"NPT	8	64	35	22	8	5	11	57	110	50	13,5	9	-	-	5,5	0,28	BA410-14N-L
3/8"NPT	10	64	35	22	8	5	11,4	57	110	50	13,5	9	-	-	8,5	0,26	BA410-38N-L
1/2"NPT	15	64	47	27	10	7	15	65	131	64	15	10	36	6	19,2	0,48	BA410-12N-L
3/4"NPT	20	40	52	32	10	7	16,3	76	131	68	16	10	42	5,5	35,0	0,70	BA410-34N-L
1"NPT	25	40	60	41	12	8	19,1	92	174	79	19,5	12,5	42	6	64,5	1,23	BA410-10N-L
1 1/4"NPT	32	25	64	50	12	8	21,4	106	174	83	19,5	12,5	42	5,5	103,8	1,69	BA410-114N-L
1 1/2"NPT	40	25	79	55	16	10	21,4	116	250	100	24	16,5	50	6,5	174,0	2,50	BA410-112N-L
2"NPT	50	25	86	70	16	10	25,7	136	250	107	24	16,5	50	6,5	301,3	3,88	BA410-20N-L
2 1/2"NPT	65	16	103	90	20	14	30,2	153	321	126	28	18	70	M8	545,7	8,06	BA410-212N-L
3"NPT	80	16	114	105	20	14	33,3	180	321	137	28	18	70	M8	872,5	12,88	BA410-30N-L
4"NPT	100	16	137	130	24	18	39,3	217	381	156	34,5	22	102	M10	1363,3	21,50	BA410-40N-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