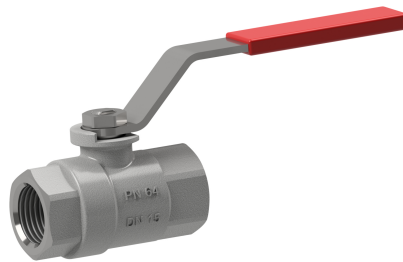
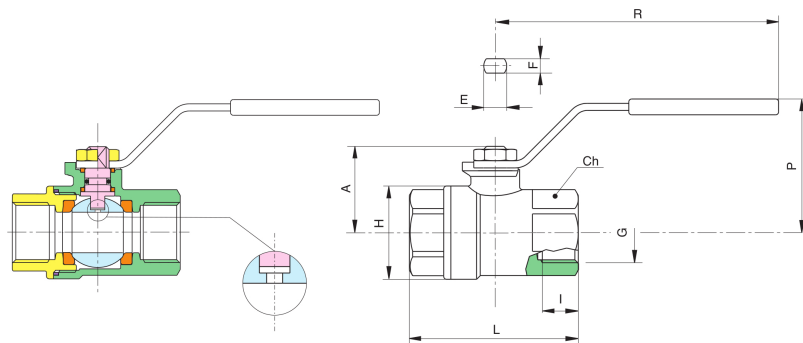


ball valves made of stainless steel series BA031



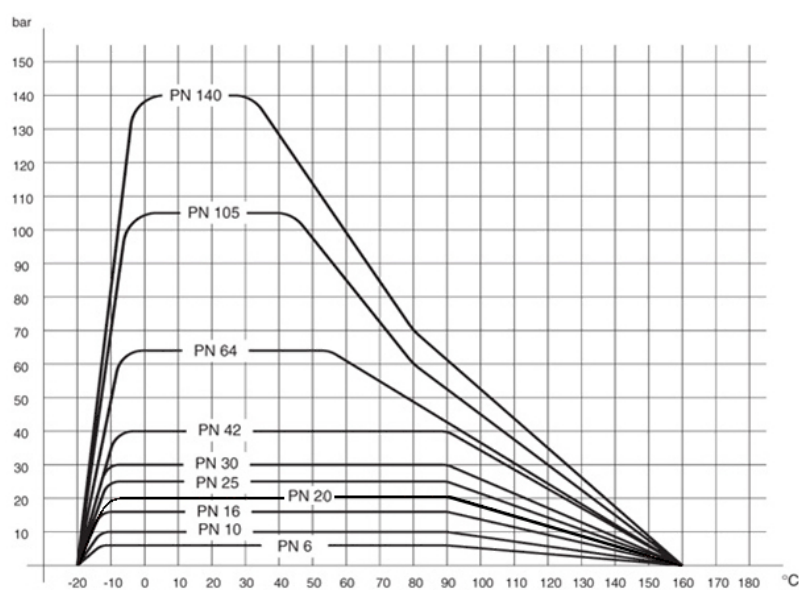
design	two way ball valve with floating ball, full bore, compensation hole
actuation	with 90° turn of the handle
connection	G1/4"...G2" according to ISO228/1 respectively NPT1/4"...NPT2" according to ANSI B 1.20.1
materials	body and ball stainless steel AISI 316, ball seal PTFE, stem seal PTFE/FKM, hand lever stainless steel AISI 430 plastic coated
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
special versions	free of oil, grease and silicon for oxygen



G	nominal diameter DN[mm]	PN [bar]	A	CH	E	F	H	I	L	R	P	kv value [m ³ /h]	weight [app. kg]	type
G1/4"	8	64	28	22	8	5	30	10	53,5	110	44	5,5	0,20	BA031-14-L
G3/8"	10	64	28	22	8	5	30	10	53,5	110	44	8,5	0,19	BA031-38-L
G1/2"	15	64	30,5	27	8	5	32,5	13	60	110	47	19,2	0,25	BA031-12-L
G3/4"	20	40	37	32	10	7	40	14	70	131	54	35,0	0,42	BA031-34-L
G1"	25	40	41	41	10	7	49	17	79	131	58	64,5	0,63	BA031-10-L
G1 1/4"	32	25	50	50	12	8	62	19	91	174	70	103,8	1,08	BA031-114-L
G1 1/2"	40	25	57	55	12	8	75	19,5	103	174	76	174,0	1,59	BA031-112-L
G2"	50	25	66	70	12	8	95	22,5	124	174	86	301,3	2,96	BA031-20-L

G	nominal diameter DN[mm]	PN [bar]	A	CH	E	F	H	I	L	R	P	kv value [m ³ /h]	weight [app. kg]	type
1/4"NPT	8	64	28	22	8	5	30	10	53,5	110	44	5,5	0,20	BA031-14N-L
3/8"NPT	10	64	28	22	8	5	30	10	53,5	110	44	8,5	0,19	BA031-38N-L
1/2"NPT	15	64	30,5	27	8	5	32,5	13	60	110	47	19,2	0,25	BA031-12N-L
3/4"NPT	20	40	37	32	10	7	40	14	70	131	54	35,0	0,42	BA031-34N-L
1"NPT	25	40	41	41	10	7	49	17	79	131	58	64,5	0,63	BA031-10N-L
1 1/4"NPT	32	25	50	50	12	8	62	19	91	174	70	103,8	1,08	BA031-114N-L
1 1/2"NPT	40	25	57	55	12	8	75	19,5	103	174	76	174,0	1,59	BA031-112N-L
2"NPT	50	25	66	70	12	8	95	22,5	124	174	86	301,3	2,96	BA031-20N-L

pressure-temperature-diagram



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