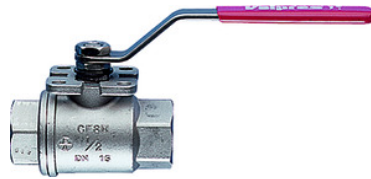
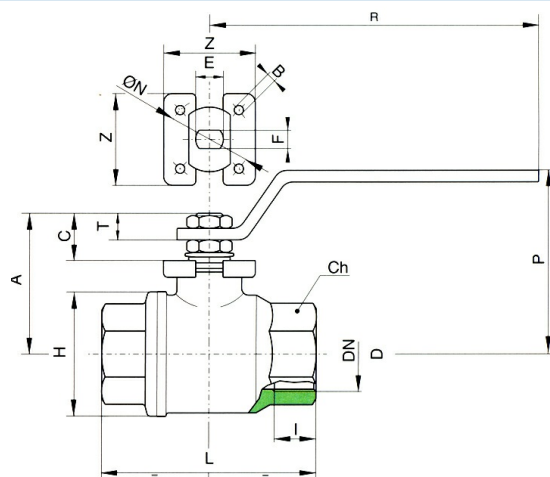


Stainless steel ball valves Series BA117



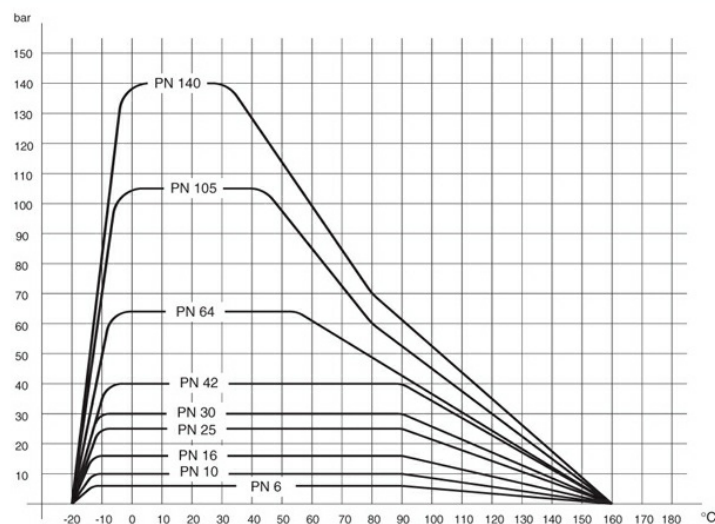
Design type	Shut-off valve with floating ball, full bore passage, antistatic version, Compensation borehole
Actuation	by 90° rotation of the hand lever
Connection	NPT1/8"...NPT4" after ANSI B 1.20.1
Materials	Body and ball stainless steel 1.4401, Ball seal PTFE graphite-reinforced, Spindle seal PTFE/FKM Stainless steel hand lever 1.4016 plasticized, RP 2 1/2" up to RP4" made of steel
Application range	Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used.
Medium temperature	-20...+160°C
Operating pressure	Vacuum max. 10 ⁻³ Torr up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	ATEX EX II 2 G/D c T3, Fire-safe, TA-Luft





D	DN [mm]	PN [bar]	A	B	C	CH	E	F	H	I	L	N	P	R	T	Z	Kv value [m³/h]	Weight [approx. kg]	Type
NPT1/8"	6	140	35	5,5	13,5	22	8	5	30	7,7	55	36	50	110	9	36	5	0,26	BA117-18N-L-A
NPT1/4"	8	140	35	5,5	13,5	22	8	5	30	11	55	36	50	110	9	36	5,5	0,26	BA117-14N-L-A
NPT3/8"	10	140	35	5,5	13,5	22	8	5	30	11,4	55	36	50	110	9	36	8,5	0,24	BA117-38N-L-A
NPT1/2"	15	140	38	5,5	13,5	27	8	5	36	15	66	36	53	110	9	36	19,2	0,33	BA117-12N-L-A
NPT3/4"	20	105	55	5,5	15	32	10	7	45	16,3	79	42	68	131	10	42	35,0	0,60	BA117-34N-L-A
NPT1"	25	105	60	5,5	19,5	41	12	8	54	19,1	93	42	79	174	12,5	42	64,5	1,01	BA117-10N-L-A
NPT1 1/4"	32	64	64,5	5,5	19,5	50	12	8	64	21,4	100	42	83	174	12,5	42	104	1,31	BA117-114N-L-A
NPT1 1/2"	40	64	79	6,5	24	55	16	10	80	21,4	110	50	100	250	16,5	50	174	2,15	BA117-112N-L-A
NPT2"	50	64	86	6,5	24	70	16	10	95	25,7	131	50	107	250	16,5	50	301	3,25	BA117-20N-L-A
NPT2 1/2"	65	25	104	M8	28,5	90	20	14	122	30,2	159	70	126	321	18,5	64	546	6,81	BA117-212N-L-A
NPT3"	80	25	114	M8	28	105	20	14	144	33,3	185	70	137	321	18	64	873	10,2	BA117-30N-L-A
NPT4"	100	25	137	M10	34,5	130	24	18	177	39,3	222	102	156	381	22	92	1363	17,4	BA117-40N-L-A

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Ball valve made of stainless steel Series BA117-L

Version 2

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