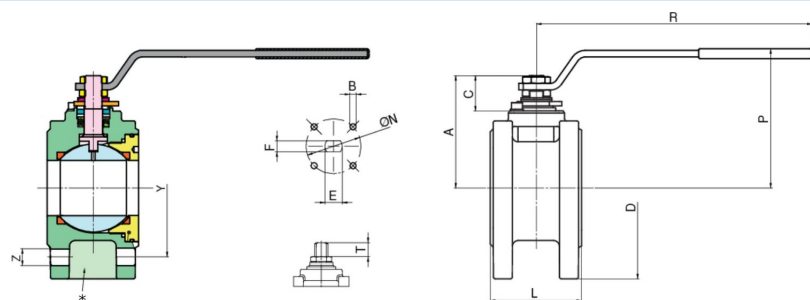


Stainless steel flanged ball valves Series BA389



Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole
Actuation	by 90° rotation of the hand lever
Connection	see table
Overall length	according to EN558-1R100
Materials	Body and ball stainless steel 1.4408, Ball seal TFM-MPTFE, Spindle seal TFM-MPTFE/Graphoil/V-Pack PTFE, Hand lever steel plastic-coated
Application range	Fluids and gases of group 1 and 2 according to PED 2014/68/EU that do not attack the materials used. For steam applications we recommend using special steam valves.
Medium temperature	-40...+180°C
Operating pressure	Vacuum max. 10 ⁻² Torr up to Rated pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Dp, Fire-safe, TA-Luft, SIL 3

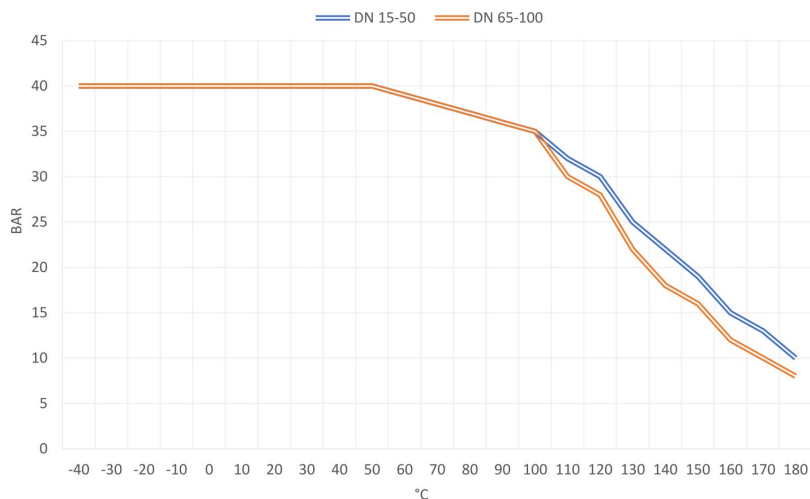




* only DN15 and DN20

Nominal size DN[mm]	Flange	PN [bar]	A	B	C	D	E	F	L	ØN	R	P	T	Y	Z	Kv value [m³/h]	Weight [approx. kg]	Type
15	PN16/40	40	52	4xM5	18	95	10	7	36	32	131	70	8	65	4xM12	19,2	1,64	BA389-15-L-A
20	PN16/40	40	56	4xM5	17,5	105	10	7	39	32	131	75	7,5	75	4xM12	35,0	2,15	BA389-20-L-A
25	PN16/40	40	72,5	4xM5	26	115	12	8	44	42	174	93	10,5	85	4xM12	64,5	2,56	BA389-25-L-A
32	PN16/40	40	75,5	4xM5	25	140	12	8	52	42	174	97	9,5	100	4xM16	103,8	3,86	BA389-32-L-A
40	PN16/40	40	93	4xM6	31	150	16	10	64	50	250	118	13	110	4xM16	174	5,35	BA389-40-L-A
50	PN16/40	40	102	4xM6	32	165	16	10	83	50	250	127	13	125	4xM16	301,3	7,50	BA389-50-L-A
65	PN16	16	121	4xM8	38,5	185	20	14	105	70	321	143	19	145	4xM16	545,7	12,30	BA389-65-L-A
65	PN40	40	121	4xM8	38,5	185	20	14	105	70	321	143	19	145	8xM16	545,7	12,10	BA389-65-L-A-01
80	PN16/40	40	132	4xM8	43,5	200	24	18	121	70	321	154	19	160	8xM16	872,5	16,83	BA389-80-L-A
100	PN16	16	146	4xM10	42	220	24	18	152	102	381	168	19	180	8xM16	1363,3	24,30	BA389-100-L-A
100	PN40	40	146	4xM10	42	220	24	18	152	102	381	168	19	190	8xM20	1363,3	24,00	BA389-100-L-A-01

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Flanged ball valve Series BA389-L-A

Version 5

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