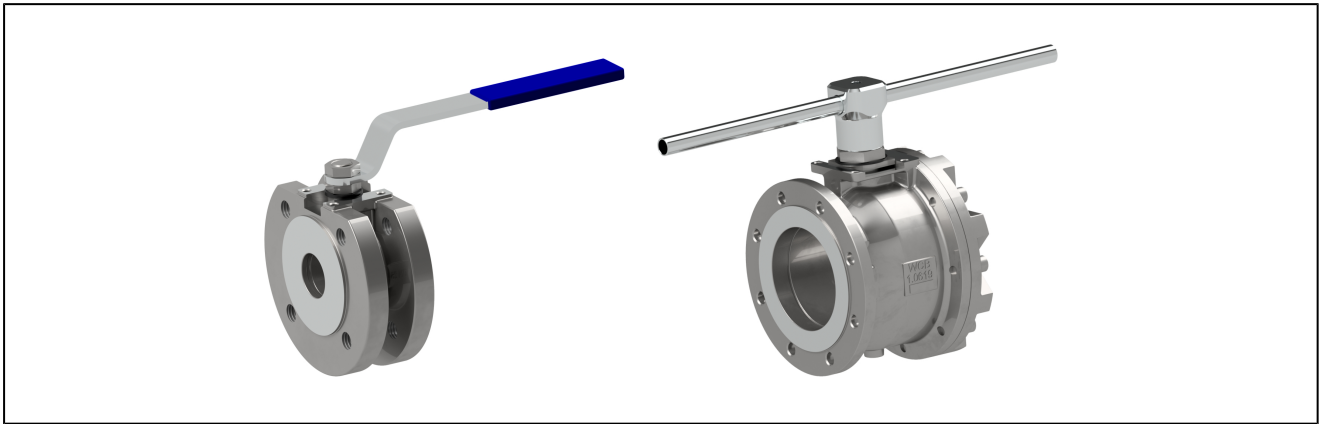
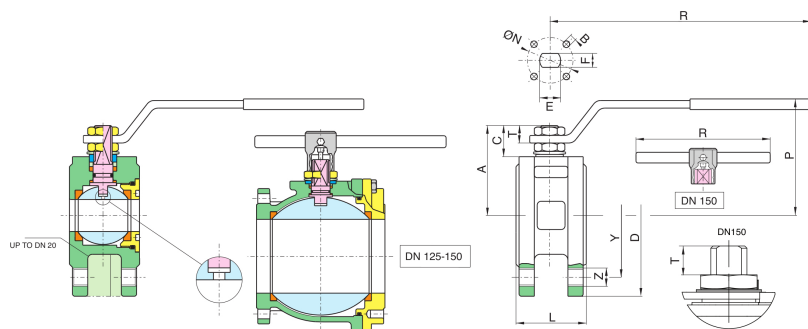


flange ball valve made of stainless steel series BA049



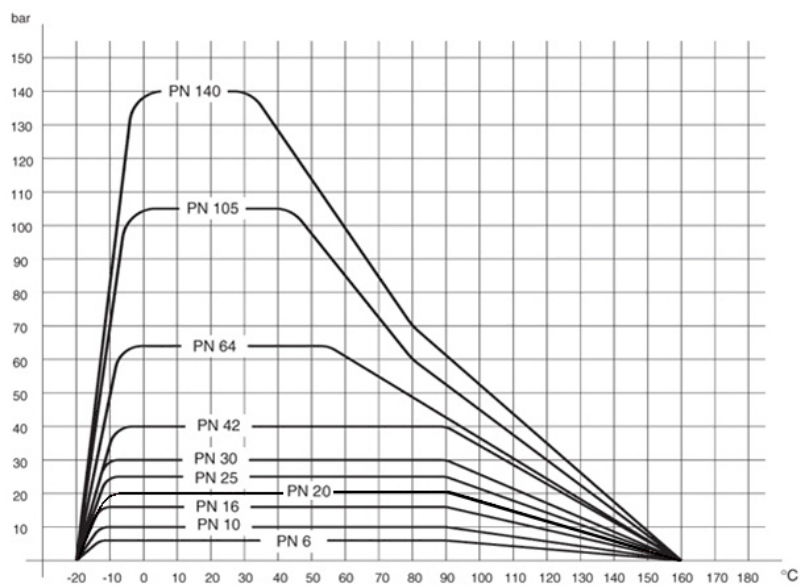
design	two way ball valve with floating ball, full bore, compensation hole
actuation	with 90° turn of the handle
connection	flange DN15...DN150 according to EN1092-1 PN16
materials	body and ball stainless steel AISI 316, ball seal PTFE, stem seal PTFE/FKM, hand lever made of plastic coated steel
application	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	-20...+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, fire-safe, ANSI flange, flange PN40, integral seals, heating jacket for ductile media, steam type design, free of oil, grease and silicon for oxygen on request



nominal diameter DN[mm]	PN [bar]	A	B	C	D	E	F	L	ØN	R	P	T	Y	Z	kv value [m³/h]	weight [app. kg]	type
15	16	47	4xM5	15,5	90	10	7	35	32	131	65	9	65	4xM12	19,2	1,35	BA049-15-L
20	16	51,5	4xM5	15,5	100	10	7	40	32	131	69	9	75	4xM12	35,0	1,89	BA049-20-L
25	16	61	4xM5	17	115	12	8	46	42	174	80	11	85	4xM12	64,5	2,18	BA049-25-L
32	16	64,5	4xM5	15	140	12	8	54	42	174	84	11	100	4xM16	103,8	3,23	BA049-32-L
40	16	78	4xM6	24,5	150	16	10	63,5	50	250	102	13	110	4xM16	174	4,45	BA049-40-L
50	16	87	4xM6	25	165	16	10	82	50	250	111	13	125	4xM16	301,3	6,73	BA049-50-L
65	16	104,5	4xM8	25	185	20	14	103	70	321	128	18	145	4xM16	545,7	10,57	BA049-65-L
80	16	115	4xM8	28,5	200	20	14	122	70	321	138	18	160	8xM16	872,5	13,90	BA049-80-L
100	16	137	4xM10	34,5	220	24	18	152	102	381	156	22	180	8xM16	1363,3	21,42	BA049-100-L
125	16	159	4xM10	34	250	24	18	196	102	381	178	22	210	8xM16	2360,3	37,80	BA049-125-L
150	16	201,5	4xM12	51,5	285	42	30	232	125	700	266	30	240	8xM20	3671,1	62,10	BA049-150-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