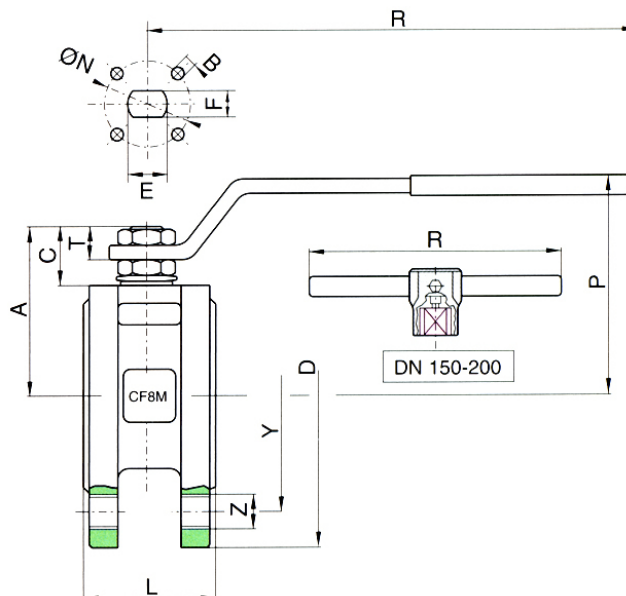


flange ball valve made of stainless steel series BA049

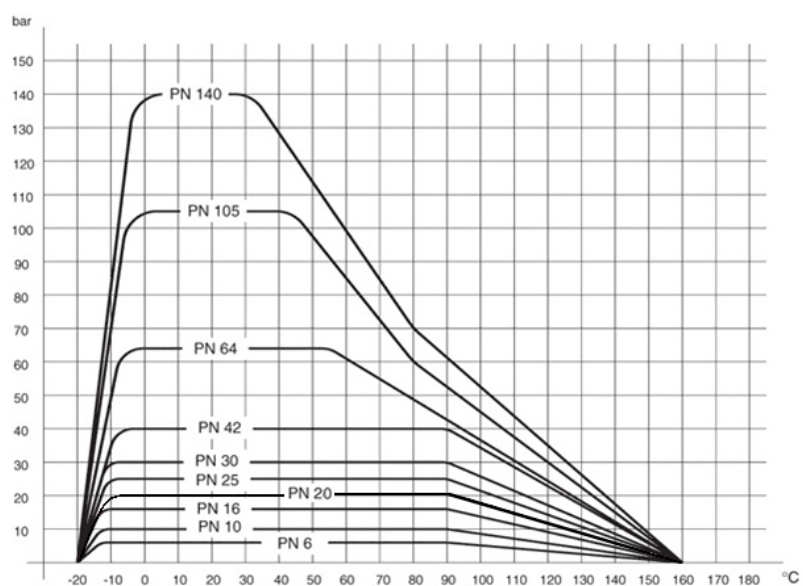


design	two way ball valve with floating ball, full bore
actuation	with 90° turn of the handle
connection	flange DN15...DN150 according to EN1092-1 PN16
materials	body and ball stainless steel AISI 316, ball seal PTFE, stem seal PTFE/FKM, hand lever made of steel plastic coated
application	group 1 and 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^{-3} Torr to nominal pressure according to table and pressure-temperature diagram
type of fixing	installed into rigid pipework
mounting position	any
special versions	ANSI flange, flange PN40, integral seals, heating jacket for ductile media, steam type design, free of oil, grease and silicon for oxygen



nominal diameter DN[mm]	PN [bar]	A	B	C	D	E	F	L	ØN	R	P	T	Y	Z	kv value [m ³ /h]	weight [app. kg]	type
15	16	47	4xM5	15,5	90	10	7	35	32	131	65	9	65	4xM12	19,2	1,4	BA049-15-L
20	16	51,5	4xM5	15,5	100	10	7	40	32	131	69	9	75	4xM12	35,0	1,9	BA049-20-L
25	16	61	4xM5	17	115	12	8	46	42	174	80	11	85	4xM12	64,5	2,2	BA049-25-L
32	16	64,5	4xM5	15	140	12	8	54	42	174	84	11	100	4xM16	103,8	3,3	BA049-32-L
40	16	78	4xM6	24,5	150	16	10	63,5	50	250	102	13	110	4xM16	174	4,2	BA049-40-L
50	16	87	4xM6	25	165	16	10	82	50	250	111	13	125	4xM16	301,3	6,1	BA049-50-L
65	16	104,5	4xM8	25	185	20	14	103	70	321	128	18	145	4xM16	545,7	10,0	BA049-65-L
80	16	115	4xM8	28,5	200	20	14	122	70	321	138	18	160	8xM16	872,5	13,5	BA049-80-L
100	16	137	4xM10	34,5	220	24	18	152	102	381	156	22	180	8xM16	1363,3	20,9	BA049-100-L
125	16	159	4xM10	34	250	24	18	196	102	381	178	22	210	8xM16	2360,3	40,5	BA049-125-L
150	16	201,5	4xM12	51,5	285	42	30	232	125	700	266	30	240	8xM20	3671,1	66,2	BA049-150-L

pressure-temperature-diagram



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