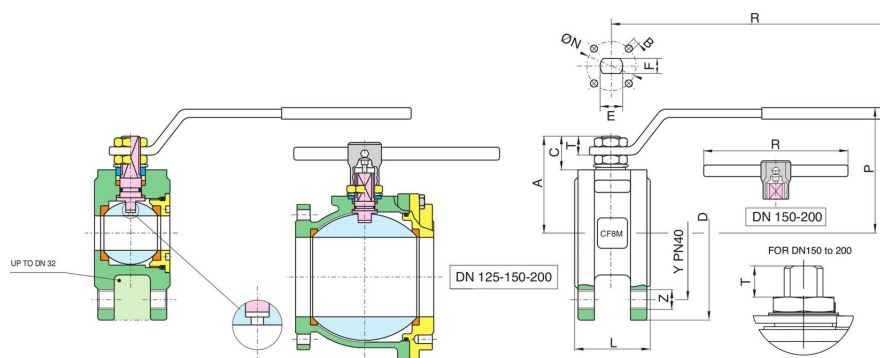


Stainless steel flanged ball valves Series 720078



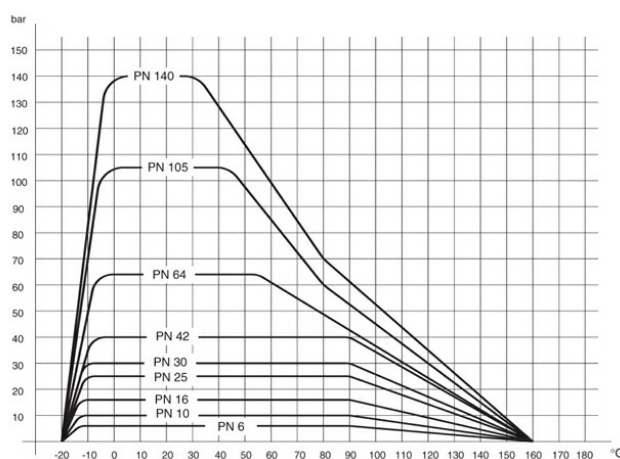
Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole
Actuation	by 90° rotation of the hand lever
Connection	Flanges DN15...DN150 according to EN1092-1 PN40
Materials	Body and ball stainless steel 1.4401, Ball seal made of glass fiber reinforced PTFE, Spindle seal PTFE, O-rings FKM, Hand lever steel plastic-coated
Application range	Fluids and gases of Group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used. For steam applications we recommend using special steam valves.
Medium temperature	-20...+160°C
Operating pressure	Vacuum max. 10^{-3} Torr up to Rated pressure according to table and pressure-temperature diagram Steam max. 10bar)
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	TA air
Special versions	antistatic version ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, Fire-safe, Flange ANSI, low dead-volume seals, Heating jacket for viscous media, Version for steam, oil-, grease- and silicone-free for oxygen





Nominal size DN[mm]	PN [bar]	A	B	C	D	E	F	L	ØN	P	R	T	Y	Z	Kv value [m³/h]	Weight [approx. kg]	Type
15	40	47	4xM5	15,5	90	10	7	35	32	65	131	9	65	4xM12	19,2	1,38	720078-15
20	40	51,5	4xM5	15,5	100	10	7	40	32	69	131	9	75	4xM12	35,0	1,80	720078-20
25	40	61	4xM5	19,5	115	12	8	46	42	80	174	11	85	4xM12	64,5	2,20	720078-25
32	40	64,5	4xM5	16,5	140	12	8	54	42	84	174	11	100	4xM16	103,8	4,20	720078-32
40	40	78	4xM6	24,5	150	16	10	63,5	50	102	250	13	110	4xM16	174,0	4,43	720078-40
50	40	87	4xM6	25	165	16	10	82	50	111	250	13	125	4xM16	301,3	6,60	720078-50
65	40	104,5	4xM8	25	185	20	14	103	70	128	321	18	145	8xM16	545,7	10,38	720078-65
80	40	115	4xM8	28,5	200	20	14	122	70	138	321	18	160	8xM16	872,5	13,84	720078-80
100	40	137	4xM10	34,5	220	24	18	152	102	156	381	22	190	8xM20	1363,3	20,70	720078-100
125	40	159	4xM10	34	270	24	18	196	102	178	381	22	220	8xM24	2360,3	56,50	720078-125
150	40	201,5	4xM12	51,5	300	42	30	232	125	266	700	30	250	8xM24	3671,1	68,50	720078-150

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Flanged ball valves - stainless steel / Flanged ball valve Series 720078

Version 5

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Page 2 / 2

