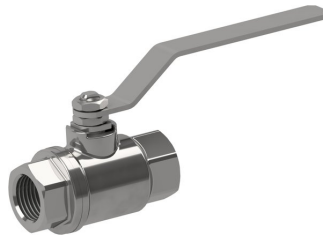
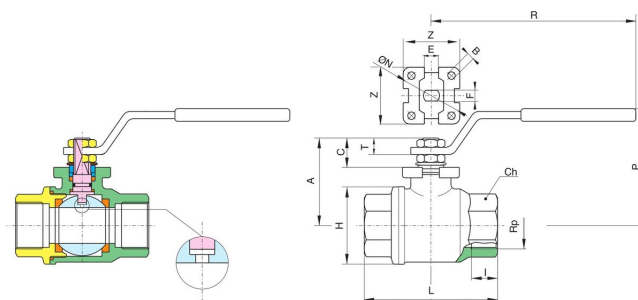


Stainless steel ball valves polished Series 701000



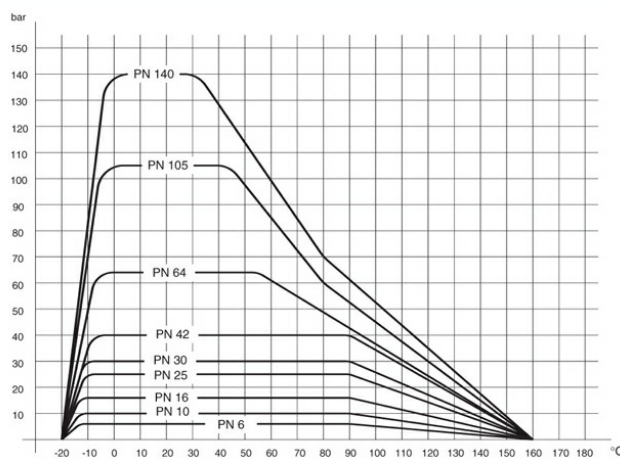
Design type	Shut-off valve with floating ball, full bore passage, Compensation hole
Actuation	by 90° rotation of the hand lever
Connection	RP1/8"...RP4" according to ISO7/1
Materials	Housing 1.4401 polished, Ball 1.4401, Ball seal PTFE, Spindle seal PTFE/FKM, Stainless steel hand lever 1.4401
Application 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	-20...+160°C
Operating pressure	Vacuum max. 10 ⁻² Torr up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	TA-Luft
Special versions	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, Fire-safe, oil-, grease- and silicone-free for oxygen





Rp	Nominal size DN[mm]	PN [bar]	A	CH	E	F	H	I	L	R	P	C	T	N	B	Z	Kv value [m³/h]	Weight [approx. kg]	Type
1/8"	6	140	35	22	8	5	30	7,7	55	110	50	13,5	9	36	5,5	36	5	0,27	701000-1/8"
1/4"	8	140	35	22	8	5	30	11	55	110	50	13,5	9	-	-	-	5,5	0,24	701000-1/4"
3/8"	10	140	35	22	8	5	30	11,4	55	110	50	13,5	9	-	-	-	8,5	0,22	701000-3/8"
1/2"	15	140	38	27	8	5	36	15	66	110	53	13,5	9	-	-	-	19,2	0,30	701000-1/2"
3/4"	20	105	55	32	10	7	45	16,3	79	131	68	15	10	-	-	-	35,0	0,54	701000-3/4"
1"	25	105	60	41	12	8	54	19,1	93	174	79	19,5	12,5	-	-	-	64,5	0,90	701000-1"
1 1/4"	32	64	64,5	50	12	8	64	21,4	100	174	83	19,5	12,5	-	-	-	103,8	1,23	701000-1 1/4"
1 1/2"	40	64	79	55	16	10	80	21,4	110	250	100	24	16,5	-	-	-	174	2,05	701000-1 1/2"
2"	50	64	86	70	16	10	95	25,7	131	250	107	24	16,5	-	-	-	301,3	3,14	701000-2"
2 1/2"	65	25	104	90	20	14	122	30,2	159	321	126	28,5	18,5	70	M8	64	545,7	6,40	701000-2 1/2"
3"	80	25	114	105	20	14	144	33,3	185	321	137	28	18	70	M8	64	872,5	9,60	701000-3"
4"	100	25	137	130	24	18	177	39,3	222	381	156	34,5	22	102	M10	92	1363,3	17,40	701000-4"

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Ball valves - stainless steel / Ball valve made of stainless steel Series 701000

Version 10

150387 / Generated 2026/39 EN

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