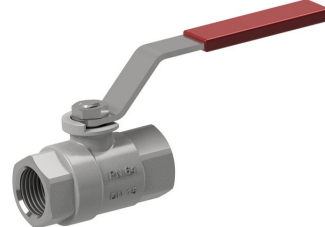


Stainless steel ball valves Series 700000 and 704000



Series 700000

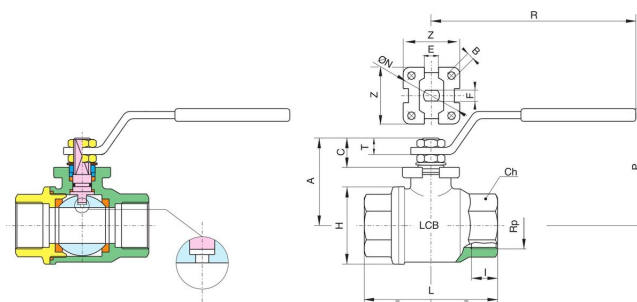


Series 704000

Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole
Actuation	by 90° rotation of the hand lever
Connection	Series 700000: RP1/8"...RP4" according to ISO7/1 Series 704000: G1/4"...G2" according to ISO228/1
Materials	Body and ball stainless steel 1.4401, Ball seal PTFE, Spindle seal PTFE/FKM, Stainless steel hand lever 1.4016 plasticized, RP21/2"...RP4" Steel plasticized
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 Rated pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	only for series 700000: TA air, SIL 3
Special versions	oil-, grease- and silicone-free for oxygen only for series 700000: antistatic version ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, Fire-safe

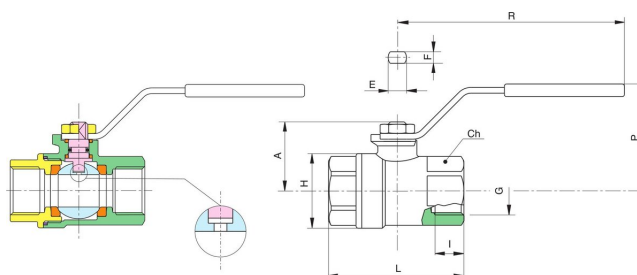


Dimensions Series 700000



RP	Nominal size DN[mm]	PN [bar]	A	B	C	CH	E	F	H	I	L	N	R	P	T	Z	Kv value [m³/h]	Weight [approx. kg]	Type
1/8"	6	140	35	5,5	13,5	22	8	5	30	7,7	55	36	110	50	9	36	5	0,26	700000-1/8"
1/4"	8	140	35	5,5	13,5	22	8	5	30	11	55	36	110	50	9	36	5,5	0,26	700000-1/4"
3/8"	10	140	35	5,5	13,5	22	8	5	30	11,4	55	36	110	50	9	36	8,5	0,25	700000-3/8"
1/2"	15	140	38	5,5	13,5	27	8	5	36	15	66	36	110	53	9	36	19,2	0,34	700000-1/2"
3/4"	20	105	55	5,5	15	32	10	7	45	16,3	79	42	131	68	10	42	35,0	0,59	700000-3/4"
1"	25	105	60	5,5	19,5	41	12	8	54	19,1	93	42	174	79	12,5	42	64,5	0,96	700000-1"
1 1/4"	32	64	64,5	5,5	19,5	50	12	8	64	21,4	100	42	174	83	12,5	42	103,8	1,29	700000-1 1/4"
1 1/2"	40	64	79	6,5	24	55	16	10	80	21,4	110	50	250	100	16,5	50	174	2,15	700000-1 1/2"
2"	50	64	86	6,5	24	70	16	10	95	25,7	131	50	250	107	16,5	50	301,3	3,30	700000-2"
2 1/2"	65	25	104	M8	28,5	90	20	14	122	30,2	159	70	321	126	18,5	64	545,7	6,74	700000-2 1/2"
3"	80	25	114	M8	28	105	20	14	144	33,3	185	70	321	137	18	64	872,5	10,15	700000-3"
4"	100	25	137	M10	34,5	130	24	18	177	39,3	222	102	381	156	22	92	1363,3	17,40	700000-4"

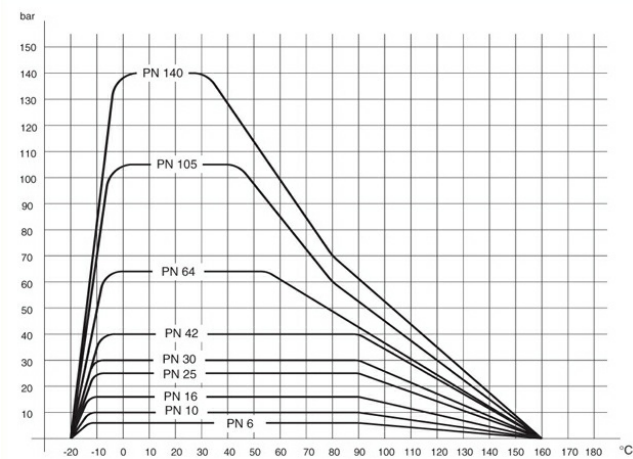
Dimensions Series 704000



G	Nominal size DN[mm]	PN [bar]	A	CH	E	F	H	I	L	R	P	Kv value [m³/h]	Weight [approx. kg]	Type
G1/4"	8	64	28	22	8	5	30	10	53,5	110	44	5,5	0,20	704000-1/4"
G3/8"	10	64	28	22	8	5	30	10	53,5	110	44	8,5	0,19	704000-3/8"
G1/2"	15	64	30,5	27	8	5	32,5	13	60	110	47	19,2	0,25	704000-1/2"
G3/4"	20	40	37	32	10	7	40	14	70	131	54	35,0	0,42	704000-3/4"
G1"	25	40	41	41	10	7	49	17	79	131	58	64,5	0,63	704000-1"
G1 1/4"	32	25	50	50	12	8	62	19	91	174	70	103,8	1,08	704000-1 1/4"
G1 1/2"	40	25	57	55	12	8	75	19,5	103	174	76	174,0	1,59	704000-1 1/2"
G2"	50	25	66	70	12	8	95	22,5	124	174	86	301,3	2,96	704000-2"



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 704000, 700000](#)