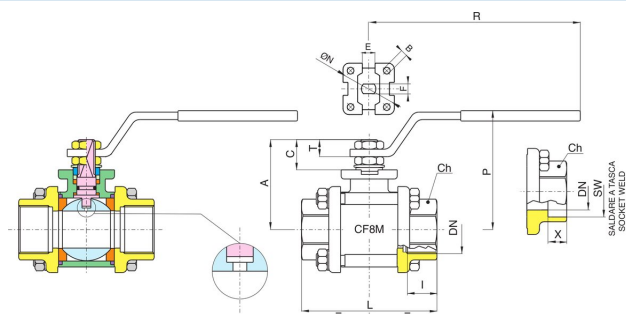


Three-piece ball valves made of steel Series 714000



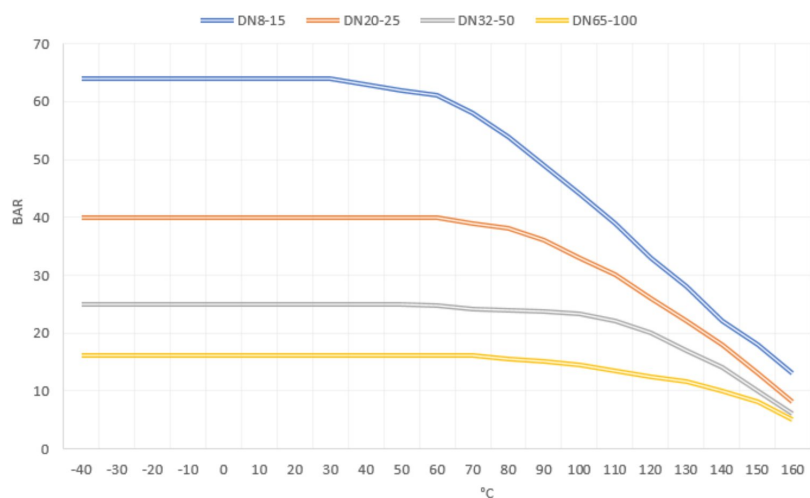
Design type	Shut-off valve with floating ball, full bore passage, Compensation borehole
Actuation	by 90° rotation of the hand lever
Connection	Weld ends DN10...DN100 according to DIN 3239
Materials	Housing Steel, Ball stainless steel 1.4301, Ball seal PTFE glass-fibre reinforced, Spindle seal PTFE/FKM, Hand lever steel plastic-coated
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^{-3} Torr up to Nominal pressure according to table and pressure-temperature diagram
Mounting type	Installation in rigid piping system
Mounting position	any
Approvals	TA air, SIL 3
Special versions	ATEX EX II 2G Ex h IIC T6...T1 Gb / II 2D Ex h IIIC T85°C...T450°C Db, low-dead-volume seals, oil-, grease- and silicone-free for oxygen





Nominal size DN[mm]	PN [bar]	A	CH	E	F	L	R	P	C	T	N	B	SW	X	Kv value [m³/h]	Weight [approx. kg]	Type
10	64	35	22	8	5	57	110	50	13,5	9	-	-	18,2	9,5	8,5	0,27	714000-10
15	64	47	27	10	7	65	131	64	15	10	36	6	22,4	9,5	19,2	0,47	714000-15
20	40	52	32	10	7	76	131	68	16	10	42	5,5	27,7	11,1	35	0,70	714000-20
25	40	60	41	12	8	92	174	79	19,5	12,5	42	6	34,5	12,7	64,5	1,25	714000-25
32	25	64	50	12	8	106	174	83	19,5	12,5	42	5,5	43,2	14,3	103,8	1,74	714000-32
40	25	79	55	16	10	116	250	100	24	16,5	50	6,5	49,5	15,9	174	2,45	714000-40
50	25	86	70	16	10	136	250	107	24	16,5	50	6,5	62	17,5	301,3	3,90	714000-50
65	16	103	90	20	14	153	321	126	28	18	70	M8	76,5	20	545,7	8,15	714000-65
80	16	114	105	20	14	180	321	137	28	18	70	M8	89,5	20	872,5	12,80	714000-80
100	16	137	130	24	18	217	381	156	34,5	22	102	M10	115	20	1363,3	21,50	714000-100

Pressure-temperature diagram



Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Ball valves - steel / Ball valve made of steel Series 714000

Version 5

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