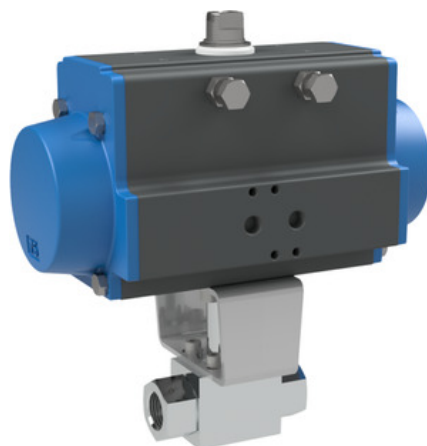
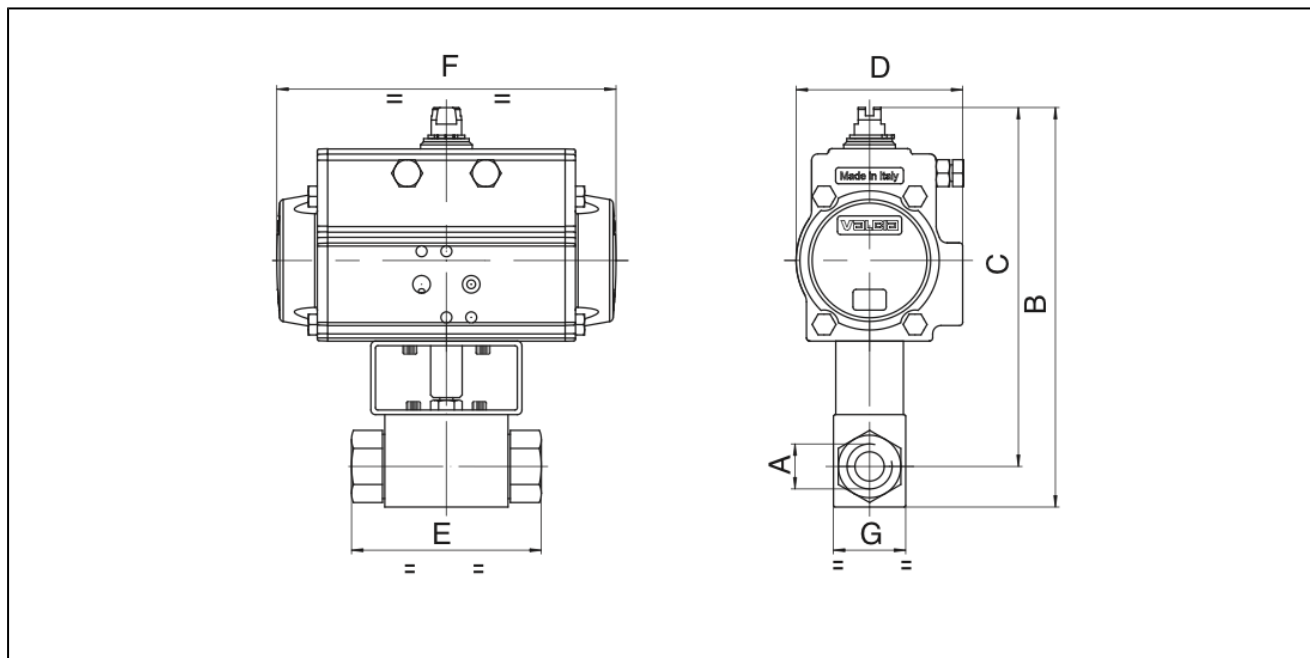


ball valves made of stainless steel with pneumatic actuator series BA668, BA670



design	actuator: piston actuator with 2 counteracting pistons, elastic sealing, actuator complying with ISO 5211 or rather to NAMUR-references, end position $\pm 5^\circ$ adjustable on both sides ball valve: two way ball valve with floating ball with erosion protection ring for gases
function	delivery in double acting or single acting design
connection	G3/8"... G1 1/2"
materials	actuator: hard-anodised aluminum, pinion nickel-plated steel, piston guide POM, seals NBR
standard construction	ball valve: body, ball AISI 316Ti/AISI 316L, seals BA668: POM/FKM seals BA670: POM/NBR
application	group 1 and 2 liquids and gases acc. to PED 2014/68/EU and which do not affect the used materials.
medium temperature	BA668 -20...+100°C, BA670 -30...+100°C
ambient temperature	-10...+85°C
operating pressure	nominal pressure according to table up to 80°C, above 80°C 11% pressure reduction
control medium	filtered and lubricated or non lubricated compressed air
control pressure	5,5...8bar, adaptation for lower control pressures on request
type of fixing	installed into rigid pipework
mounting position	any
special version	pinion made of stainless steel, seals made of PTFE, PEEK, ATEX, ambient temperature of -20...+150°C on request
accessories	mounted manual, pneumatic or electric control valve electric end position signal, I/P or P/P positioner control of moving speed
order information	in case of order please specify control pressure, operating medium and operating pressure
direction for use	pressure and temperature values are maximum values for lubricating or not degreasing mediums. in particular degreasing media reduce the indicated values and increase the necessary torque. In border lines we recommend a previous consultation. when selecting the armature, the lowest control pressure in the equipment is taken as the basis

dimensions



ball valves with double acting pneumatic actuator

connection A	nominal diameter DN[mm]	max. operating pressure [bar]	B	C	D	E	F	G	type of actuator	weight [app. kg]	type
G3/8"	10	500	201	183,5	80,5	72	164	32	PAD063	2,5	BA6...-38-D0
G1/2"	13	500	221	202	94,5	83	210	35	PAD075	3,7	BA6...-12-D0
G3/4"	20	420	262	237,5	106	95	240,5	49	PAD085	5,8	BA6...-34-D0
G1"	25	350	270	240,5	106	113	240,5	58	PAD085	6,5	BA6...-10-D0
G1 1/4"	25	350	270	240,5	106	120	240,5	58	PAD085	6,7	BA6...-114-D0
G1 1/2"	25	350	270	240,5	106	130	240,5	58	PAD085	7,0	BA6...-112-D0

ball valves with single acting pneumatic actuator

connection A	nominal diameter DN[mm]	max. operating pressure [bar]	B	C	D	E	F	G	type of actuator	weight [app. kg]	type
G3/8"	10	500	256	238,5	123	72	275	32	PAS1005	8,0	BA6...-38-S0
G1/2"	13	500	258	239	123	83	275	35	PAS1005	8,1	BA6...-12-S0
G3/4"	20	420	321,5	297	148	95	372	49	PAS1255	16,10	BA6...-34-S0
G1"	25	350	329,5	300	148	113	372	58	PAS1255	16,8	BA6...-10-S0
G1 1/4"	25	350	329,5	300	148	120	372	58	PAS1255	16,9	BA6...-114-S0
G1 1/2"	25	350	329,5	300	148	130	372	58	PAS1255	17,2	BA6...-112-S0

single acting actuators are delivered normally closed (NC), if not specified in your order.

illustrations are non-binding

all designs, configurations, measurements and materials are subject to change without prior notice