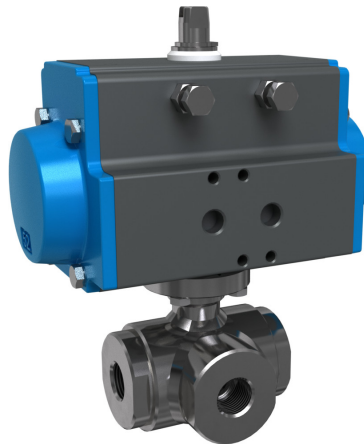
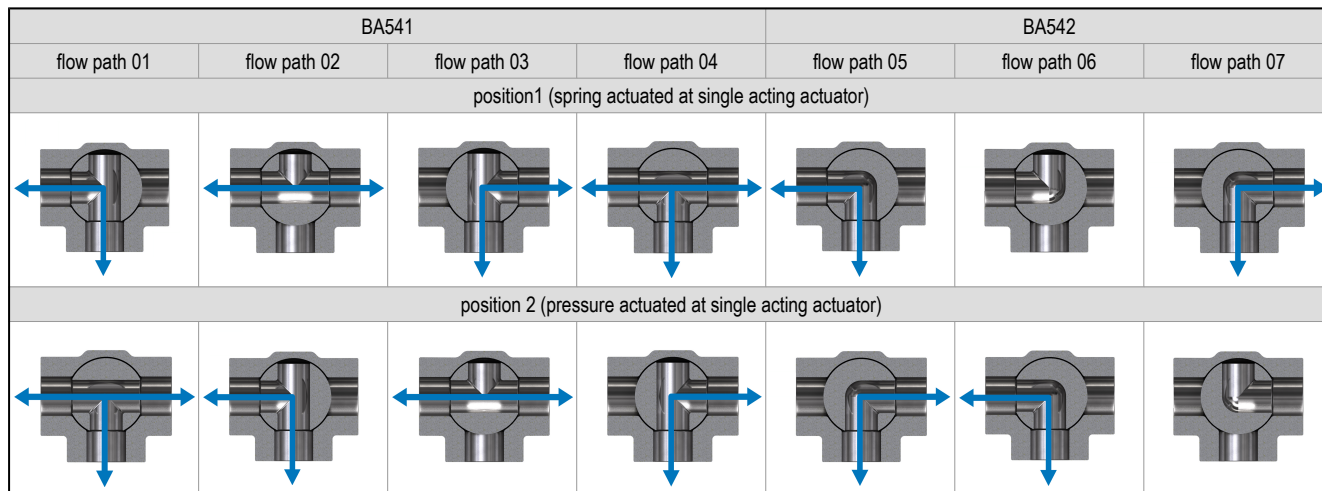


3-way-ball valve made of stainless steel with pneumatic actuator series BA541 (T-bore) and BA542 (L-bore)

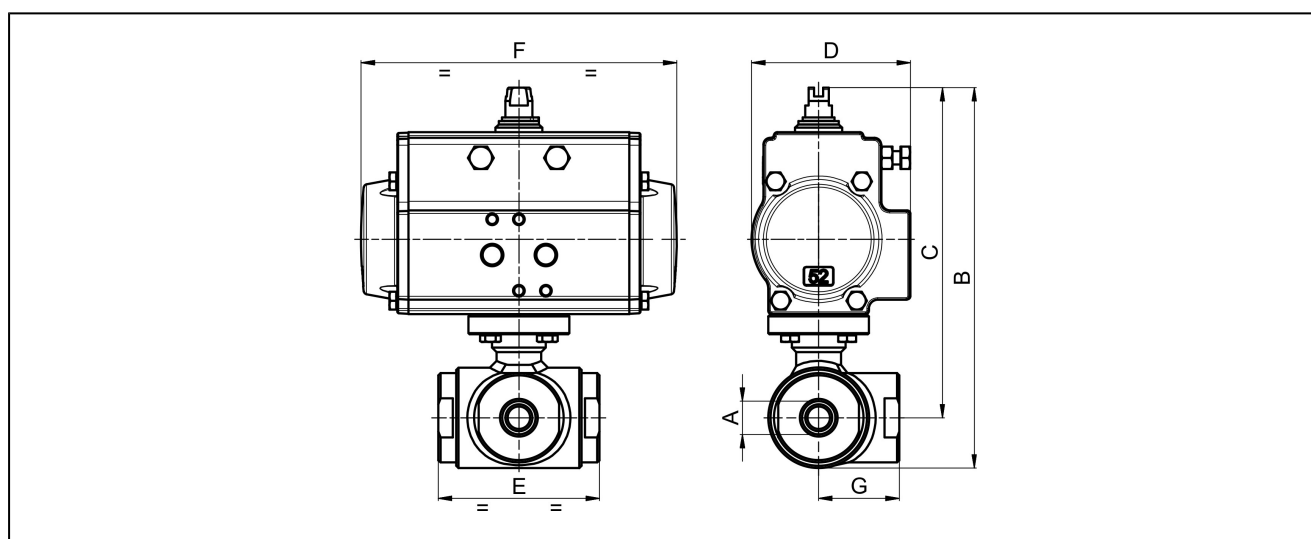


design	actuator: piston actuator with 2 counteracting pistons, elastic sealing, actuator complying with ISO 5211 or rather to NAMUR-references, end position $\pm 5^\circ$ adjustable on both sides ball valve, full bore, ball sealing on three ports, not free of overlapping
connection	G3/8" according to ISO228/1
materials	actuator: hard-anodised aluminum, pinion nickel-plated steel, piston guide POM, seals NBR
standard construction	ball valve: body and ball AISI 316, ball seal PTFE, stem seal PTFE
function	delivery in double acting or single acting design
type of fixing	installed into rigid pipework
mounting position	any
control medium	filtered and lubricated or non lubricated compressed air
application	gaseous and liquid fluids which do not affect the used materials
medium temperature	-20...+160°C
ambient temperature	-20...+85°C
control pressure	5,5...8bar, adaptation for lower control pressures on request
operating pressure	0bar to operating pressure according to the table and pressure-temperature diagram, suitable for rough vacuum
special version	pinion made of stainless steel, ambient temperatures of -40...+85°C, respectively -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 flow path, 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

diagramm flow path



dimensions



ball valves with double acting pneumatic actuator

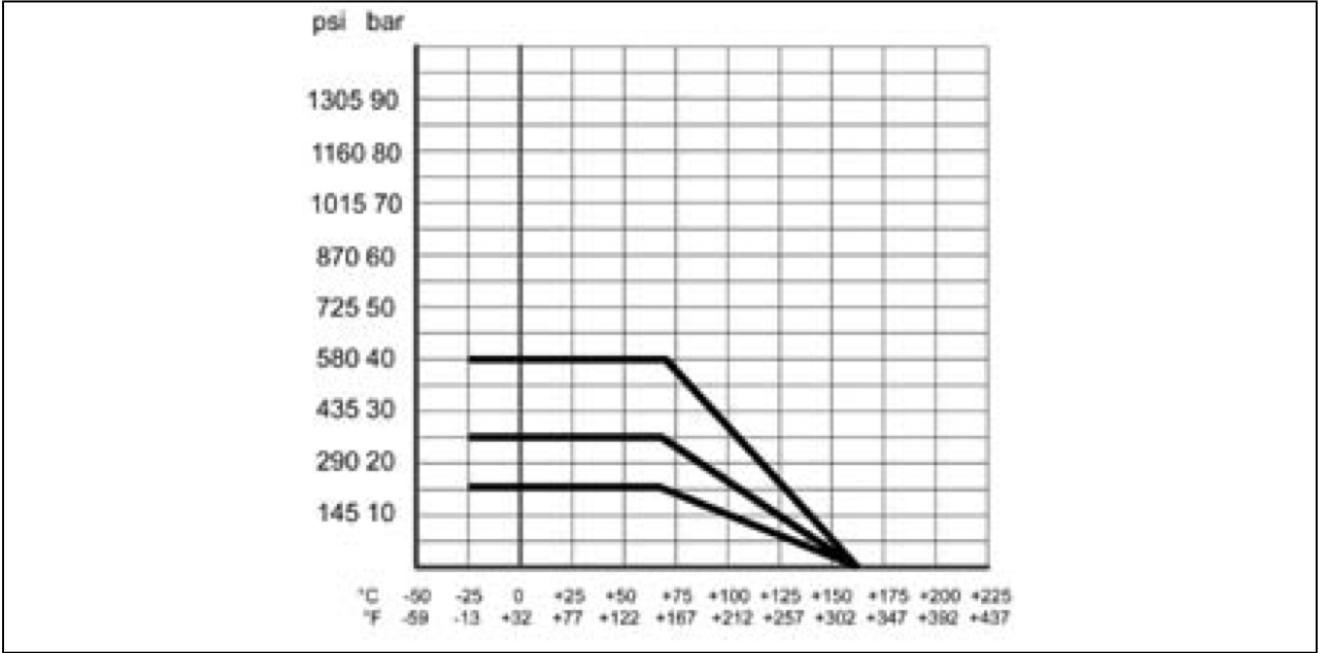
connection A	nominal diameter DN[mm]	max. operating pressure [bar]	B	C	D	E	F	G	type of actuator	weight [app. kg]	type T-bore	type L-bore
G3/8"	12	40	170,5	148	71	72	141	36	PAD052	2,2	BA541-38-D0	BA542-38-D0

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 T-bore	type L-bore
G3/8"	12	40	182	160	81	72	164	36	PAS0635	3,0	BA541-38-S0	BA542-38-S0

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

pressure-temperature-diagram



illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice