Partnership. With Guarantee.

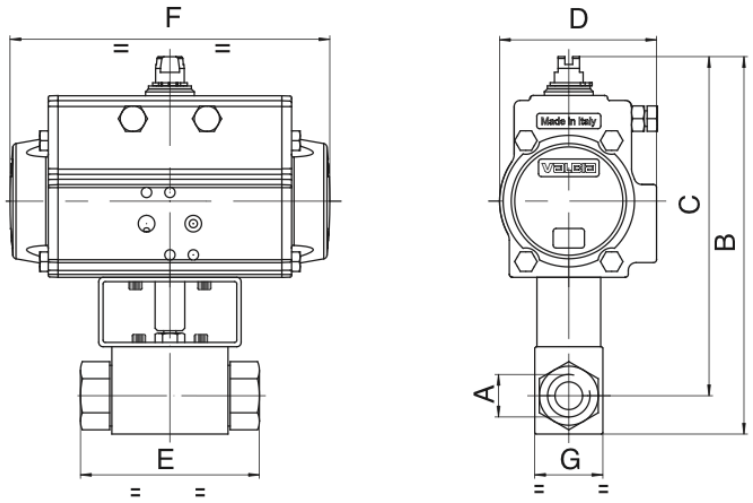
Steel ball valves with pneumatic rotary actuator Series BAH1-...-UCPN



Design type	Actuator: piston actuator with 2 opposed pistons, elastic sealing, actuator in all details in accordance with ISO 5211 or according to NAMUR recommendations, End positions adjustable on both sides +/-5°
Connection	G1/2" ... G1" according to ISO228/1
Materials Standard version	Actuator: Hard anodized aluminium, Pinion, nickel-plated steel, Piston guide POM, Seals NBR Ball valve: Housing steel, zinc-plated, Steel ball, Ball seal POM, Spindle seal NBR
Function	available in double-acting or single-acting Version
Mounting type	Installation in rigid piping system
Mounting position	any
Control medium	filtered and lubricated or non-lubricated compressed air
Application range	Group 2 fluids according to PED 97/23/EC that do not attack the materials used
Medium temperature	-10°C...+100°C
Ambient temperature	-10°C...+85°C
Control pressure	5,5 - 8bar, Adaptation to lower pilot pressures possible on request
Operating pressure	0bar up to Operating pressure according to table
Special version	Stainless steel pinion, ATEX, Ambient temperatures from -40°C...+85°C, or rather -20°C...+150°C on request
Accessories	assembled manual, pneumatic or electric control valve electrical end position feedback, Positioner in I/P or P/P version Adjustment of the switching speed
Ordering note	When ordering, please also specify pilot pressure, operating medium, operating pressure and operating temperature.
Application note	The pressure and temperature specifications are maximum values for normal conditions, for lubricating or non-degreasing media. Degreasing media in particular reduce the specified values and increase the required torque. For these special cases, we recommend prior consultation. When selecting the valve, the lowest control pressure occurring in the system must be taken as the basis.

+43 512 52076
austria@stasto.eu
© STASTO Automation KG

Dimensions



Ball valves with double-acting rotary actuator

Connection A	Nominal size DN[mm]	max. operating pressure [bar]	B	C	D	E	F	G	Actuator type	Weight [approx. kg]	Type
G1/2"	13	500	204	187	81	85	164	35	PAD063	3,4	BAH1-004-UCPN-D0
G3/4"	20	400	221	196	81	96	164	49	PAD063	4,0	BAH1-005-UCPN-D0
G1"	24	350	251	226	95	113	210	60	PAD075	5,3	BAH1-006-UCPN-D0

Ball valves with single-acting rotary actuator

Connection A	Nominal size DN[mm]	max. operating pressure [bar]	B	C	D	E	F	G	Actuator type	Weight [approx. kg]	Type
G1/2"	13	500	236	219	106	85	241	35	PAS0855	6,5	BAH1-004-UCPN-S0
G3/4"	20	400	266	242	123	96	275	49	PAS1005	9,4	BAH1-005-UCPN-S0
G1"	24	350	278	253	123	113	275	60	PAS1005	10,2	BAH1-006-UCPN-S0
Single-acting actuators are supplied spring-closing (NC) unless otherwise ordered.											

Illustrations non-binding
Design, dimensional and material changes reserved

+43 512 52076
austria@stasto.eu
© STASTO Automation KG