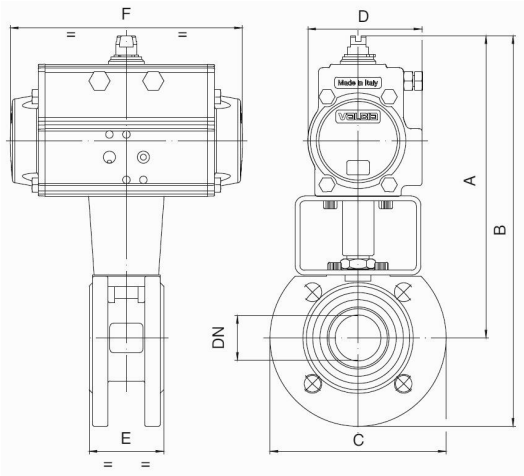
Partnership. With Guarantee.

Stainless steel flanged ball valves with pneumatic rotary actuator
Series BA050, Steam applications

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	Flanges DN15...DN150 according to EN1092-1, PN16
Materials Standard version	Actuator: Hard anodized aluminium, Pinion, nickel-plated steel, Piston guide POM, Seals NBR Ball valve: Body and ball stainless steel 1.4401, Ball seal made of graphite-reinforced PTFE, Stem seal made of graphite-reinforced PTFE, Spindle O-ring FKM
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	Steam
Medium temperature	-20...+198°C
Ambient temperature	-20...+85°C
Control pressure	5,5...8bar, Adaptation to lower pilot pressures possible on request
Operating pressure	Steam 0...15bar
Special version	Stainless steel pinion, ATEX, Ambient temperatures from -40...+85°C, or rather -20...+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	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

Nominal size DN[mm]	max. operating pressure [bar]	A	B	C	D	E	F	Actuator type	Kv value [m 3 /h]	Weight [approx. kg]	Type
15	15	183	228	90	71	35	141	PAD052	19,2	2,76	BA050-15-D0
20	15	200	250	100	81	40	164	PAD063	35,0	3,89	BA050-20-D0
25	15	207	265	115	81	46	164	PAD063	64,5	4,22	BA050-25-D0
32	15	212	287	140	81	54	164	PAD063	103,8	5,37	BA050-32-D0
40	15	245	320	150	95	63,5	210	PAD075	174,0	7,55	BA050-40-D0
50	15	253	336	165	95	82	210	PAD075	301,3	9,45	BA050-50-D0
65	15	285	378	185	106	103	241	PAD085	547,7	15,4	BA050-65-D0
80	15	304	404	200	123	122	275	PAD100	872,5	20,3	BA050-80-D0
100	15	341	451	220	123	152	275	PAD100	1363,3	28,2	BA050-100-D0
125	15	398	522	250	137	196	333	PAD115	2360,3	51,2	BA050-125-D0
150	15	457	600	285	164	232	435	PAD140	3671,1	80,5	BA050-150-D0

Ball valves with single-acting rotary actuator

Nominal size DN[mm]	max. operating pressure [bar]	A	B	C	D	E	F	Actuator type	Kv value [m 3 /h]	Weight [approx. kg]	Type
15	15	195	239	90	81	35	164	PAS0635	19,2	3,61	BA050-15-S0
20	15	231	281	100	106	40	241	PAS0855	35,0	7,05	BA050-20-S0
25	15	239	296	115	106	46	241	PAS0855	64,5	7,39	BA050-25-S0
32	15	245	315	140	106	54	241	PAS0855	103,8	8,54	BA050-32-S0
40	15	271	346	150	123	63,5	275	PAS1005	174,0	11,8	BA050-40-S0
50	15	315	398	165	137	82	333	PAS1155	301,3	18,1	BA050-50-S0
65	15	365	458	185	148	103	372	PAS1255	547,5	26,4	BA050-65-S0
80	15	394	494	200	164	122	435	PAS1405	872,5	37,5	BA050-80-S0
100	15	434	544	220	186	152	500	PAS1605	1363,3	52,2	BA050-100-S0
125	15	456	581	250	187	196	500	PAS1605	2360,3	71,8	BA050-125-S0
150	15	538	681	285	217	232	579	PAS2005	3671,1	119,7	BA050-150-S0
Single-acting actuators are supplied spring-closing (NC) unless otherwise ordered.											

Illustrations non-binding
Design, dimensional and material changes reserved

© STASTO Automation KG