

Control Valves

Series 600/FA

Sanitary Control Valves



Technical data

Size (DN)	DN 15 — 100
Pressure rating	PN10
Connections	Flanges, DIN 11851, clamp, BW
Type sealing	Soft (Class VI) Metallic (Class III)
Characteristic	Linear, Equalpercentage (eqp%)
Action	Pneumatic with diaphragm (supply max 3 bar)
Temperature	from -15 to +160°C

Description

Series 600 sanitary control valves are linear control valves with a valve body made from 316L in free flow design. The precise machined plug in 316L material gives an excellent control performance. Series 600 valves have integrated seat in the valve body and therefore are pocket-free and provide absolute drainage. These sanitary valves are ideal for applications in the food, pharmaceutical, cosmetic and biotech segments. On request special body designs can be supplied: 3-way valves, in-line design. Complete stainless steel pneumatic actuators can be mounted on the valves. All Burocco valves are delivered after testing and calibration and ready for a long utilize, without maintenance.

Options

- ⇒ Full stainless steel actuator for corrosive environment
- ⇒ 3-way (mixing or diverting) valves
- ⇒ Steam barriers
- ⇒ Handwheel for emergency operation
- ⇒ Valve positioners
- ⇒ Limit switches
- ⇒ Position feedback
- ⇒ Airset
- ⇒ Electric linear actuators
(230 V AC, 110/115 V AC, 24 V AC/DC)

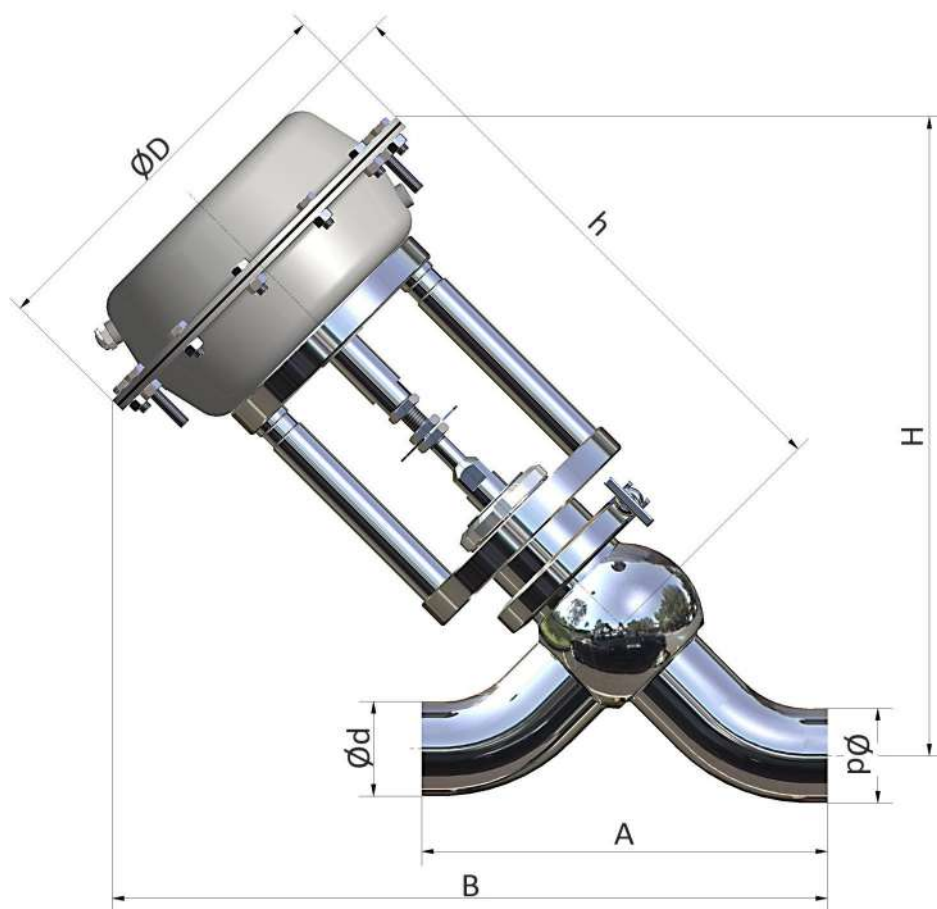
Materials	
Valve body	Stainless steel 316L (1.4404)
Trim (plug - seat)	316L
Stem	316L
O-Ring	EPDM, silicon, other materials
Acuator	FE (epoxy varnish) Stainless steel
Yoke	Stainless steel



Flow rate coefficient (CV)

DN	CV (Cv=1.16Kvs)				
15	5	3	1,5	0,75	0,45
20	8	5	3	1,5	0,75
25	13	8	5	3	1,5
32	18	13	8	5	
40	26	18	13	8	
50	45	26	18	13	
65	72	45	26	18	
80	105	72	45	26	
100	160	105	72	45	

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Dimensions (mm) - (valve body with BW connections)

DN	15	20	25	32	40	50	65	80	100
Ød	18	22	28	34	40	52	70	85	101,6
ØD	205	205	205	275	275	275	340	340	430
A	127	134	181	205	225	245	276	340	383
B	330	335	360	390	405	415	510	540	590
H	300	305	310	340	350	365	450	460	500
h	300	300	300	310	325	355	400	400	410

Dimensions (mm)

DN	15	20	25	32	40	50	65	80	100
Q	127	134	181	205	225	245	276	340	383
R	152	159	207	230	251	270	302	380	408
S	137	146	195	218	237	264	290	358	401
T	145	158	209	234	252	279	306	374	421

