

Hygiene Right Angle Valve 6010

DN 15 up to DN 40 PN 16

for applications in food processing

SCHUBERT & SALZER
**CONTROL
SYSTEMS**

Pneumatically operated Hygienic right angle valve for applications in food processing and chemical

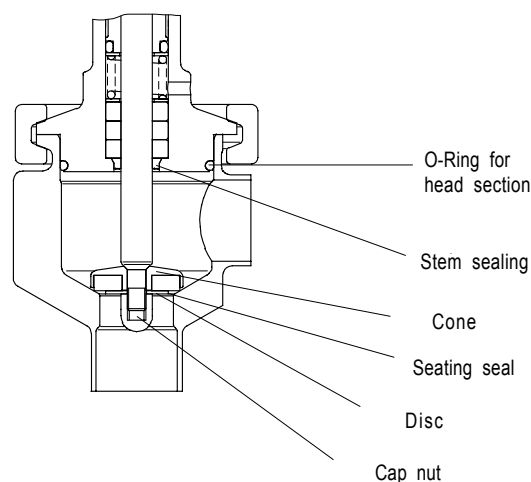
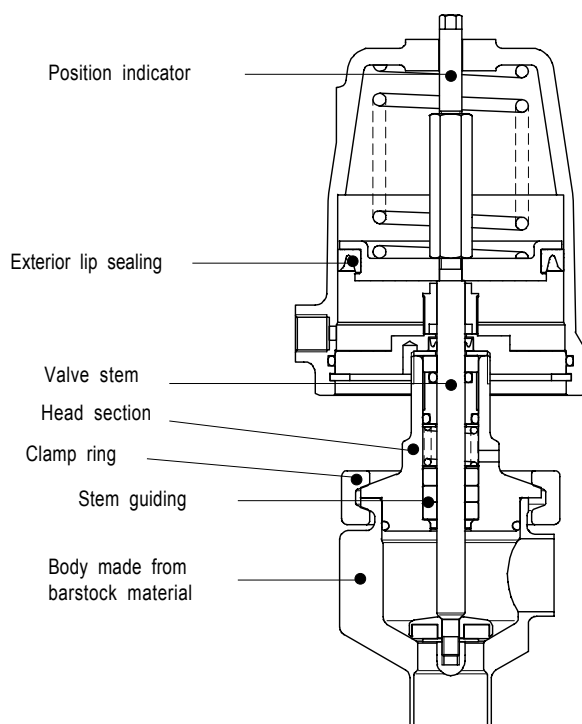
- Compact design
- Body made from stainless steel barstock
- Versatile actuators options
- For temperatures from -20°C up to 140°C (optional up to +200°C)
- Working pressure up to 16 bar



Options

e.g.:

- limit switches
 - inductive proximity switch
 - electrical switch
- pilot valves
- manuel override



soft sealing

По вопросам продаж и поддержки обращайтесь:

**Екатеринбург (343)384-55-89, Казань (843)206-01-48, Краснодар (861)203-40-90,
Москва (495)268-04-70, Санкт-Петербург (812)309-46-40**

Единый адрес: ssr@nt-rt.ru

www.ssalzer.nt-rt.ru

Hygiene Right Angle Valve 6010

Technical Information

Body material	Stainless steel 1.4404	
Nominal sizes	DN 15, DN 25, DN 40 (DN20 in inch)	
Connections	Welding ends acc. DIN 11850 series 2 Welding ends acc. ISO Welding ends acc. inch Tri-clamp acc. inch	
Nominal pressure	PN 16	
Seating seal	soft seat	
Fluid temperature	-20°C up to +140°C (optional up to +200°C)	
Ambient temperature	-20°C up to +80 °C	
Surface finish	inside	machined, Ra < 0,8 µm polished, Ra < 0,6 µm

Pilot- and Operating pressure

normally closed, closing against the flow

Nominal size	max. Operating pressure stainless steel bar	Pilot pressure		Piston mm	Springs
		plastic bar	stainless steel bar		
DN15	8	3,5 - 6	3,5 - 10	50	1
DN15	16	4,5 - 6	4,5 - 10	50	2
DN15	16	3,5 - 6	3,5 - 10	80	1
DN20	8	3,5 - 6	3,5 - 10	50	1
DN20	16	4,5 - 6	4,5 - 10	50	2
DN20	16	3,5 - 6	3,5 - 10	80	1
DN25	14	3,5 - 6	3,5 - 10	80	1
DN25	16	4,4 - 6	4,4 - 10	80	2
DN25	12	-	1,3 - 10	125	1
DN25	16	-	2,2 - 10	125	2
DN40	5	3,5 - 6	3, 5 - 10	80	1
DN40	8	4,4 - 6	4,4 - 10	80	2
DN40	12	5,6 - 6	5,6 - 10	80	3
DN40	4	-	1,3 - 10	125	1
DN40	11	-	2,2 - 10	125	2
DN40	16	-	3,1 - 10	125	3

Standard

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Valve Body	Stainless steel 1.4404
Actuator	Stainless steel 1.4408 (optional plastic)
Actuator springs	Stainless steel 1.4310
Valve stem	Stainless steel 1.4571, roller burnished
Cone	Stainless steel 1.4404
Cap nut	Stainless steel 1.4571
Disc	Stainless steel 1.4571
Clamp-connection	Stainless steel 1.4308
Body sealing	EPDM (O-ring) (optional silicon, fluoraz)
Seating seal	soft seat: PTFE flat sealing
Position indicator	Polyamid

1 2 3 4 5 6 7 8 9 10

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1 - 6: Please quote all 6 sections.
7 - 10: Quote only if required.

Type Size

— Symbol: "V": Valve
— "A": Actuator (valve w without body)
— "R": Repair kit (sealings)

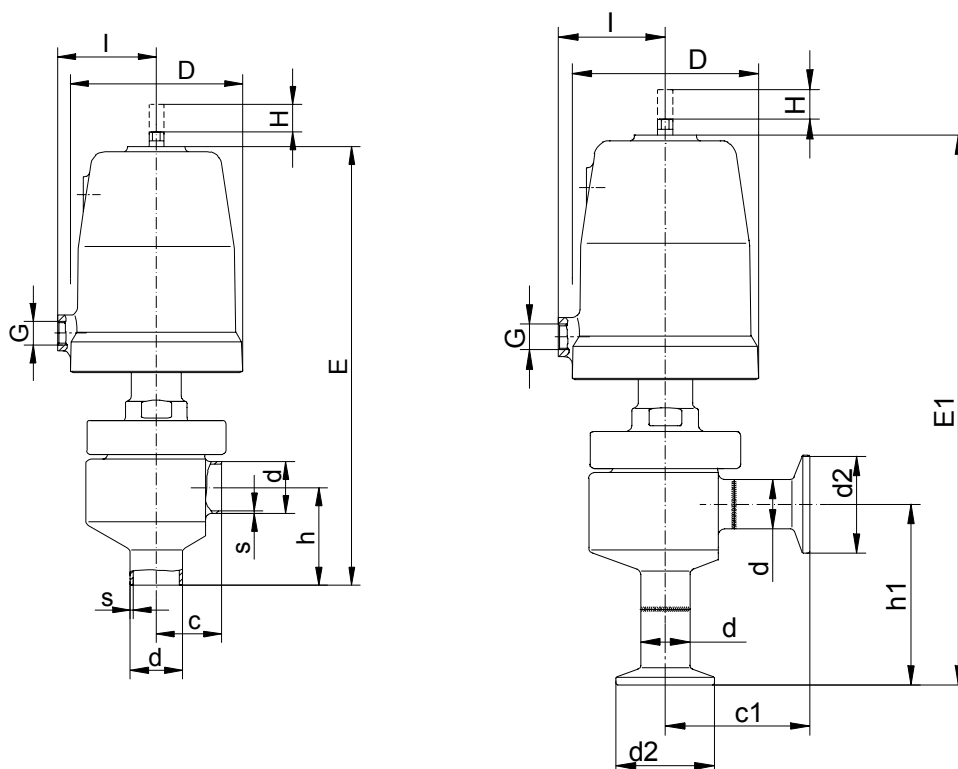
1. Design		2. Connections		3. Body material		4. Seating seal		5. Pilot function		6. Actuator	
0	hygiene right angle valve	D	welding ends acc. DIN 11850, series 2	2	stainless steel 1.4404	0	soft seat (PTFE)	2	NC (closing against flow)	0	piston Ø50mm (stainless steel bonnet)
		I	welding ends acc. ISO							1	piston Ø80mm (stainless steel bonnet)
		E	welding ends acc. inch							2	piston Ø125mm (stainless steel bonnet)
		Z	Tri-clamp acc. inch							K	piston Ø50mm (plastic bonnet)
										M	piston Ø80mm (plastic bonnet)

7. Springs		8. Stem sealing		9. Accessories		10. Special versions			
-	standard	-	standard EPDM (FDA)	-	w ithout	S	Quote for further special versions		
1	1 spring	1	silicon (FDA)						
2	2 springs	2	fluoraz 200°C (FDA)						
3	3 springs								

Hygiene right angle valve Type 6010, DN 15, Welding ends acc. DIN 11850, body material stainless steel 1.4404, soft seat (PTFE) , spring to close - closing with the flow, actuator 80 mm, standard springs

Hygiene Right Angle Valve 6010

Dimensions and Weights



DN	Piston Ø	D	G	DIN DIN 11850 series 2				ISO DIN 2463 series 1				Inch				I stroke	H	E	Kvs value	weight (~kg)
				d	s	h	c	d	s	h	c	d	s	h	c					
15	50	62	1/8"	19	1,5	42	27,5	21,3	1,6	41	27,5	12,7	1,65	42	27,5	34,5	12	189	5,5	2,0
15	80	96	1/4"	19	1,5	42	27,5	21,3	1,6	41	27,5	12,7	1,65	42	27,5	55	16	228	5,5	3,5
20	50	92	1/8"	-	-	-	-	-	-	-	-	19,05	1,65	42	27,5	34,5	12	189	5,5	2,0
20	80	96	1/4"	-	-	-	-	-	-	-	-	19,05	1,65	42	27,5	55	16	228	5,5	3,5
25	80	96	1/4"	29	1,5	54,5	35,5	33,7	2	52	35,5	25,4	1,65	54	35,5	55	16	245	18,5	4,0
25	125	146	1/4"	29	1,5	54,5	35,5	33,7	2	52	35,5	25,4	1,65	54	35,5	80	16	269	18,5	6,7
40	80	96	1/4"	41	1,5	62,5	48	48,3	2	59	48	38,1	1,65	62,5	48	55	16	259	38	5,3
40	125	146	1/4"	41	1,5	62,5	48	48,3	2	59	48	38,1	1,65	62,5	48	80	16	283	38	8,0

DN	Piston Ø	D	G	Tri-Clamp acc. inch				E1	H stroke	I
				d	d2	c1	h1			
15	50	62	1/8"	12,7	25	56	70,5	217	12	34,5
15	80	96	1/4"	12,7	25	56	70,5	256	16	55
20	50	62	1/8"	19,05	25	56	70,5	217	12	34,5
20	80	96	1/4"	19,05	25	56	70,5	256	16	55
25	80	96	1/4"	25,4	50,5	74,5	93	284	16	55
25	125	146	1/4"	25,4	50,5	74,5	93	308	16	80
40	80	96	1/4"	38,1	50,5	87	101,5	298	16	55
40	125	146	1/4"	38,1	50,5	87	101,5	322	16	80

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