

Hygiene Right Angle Valve 6010

DN 15 up to DN 40 PN 16

for applications in food processing



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

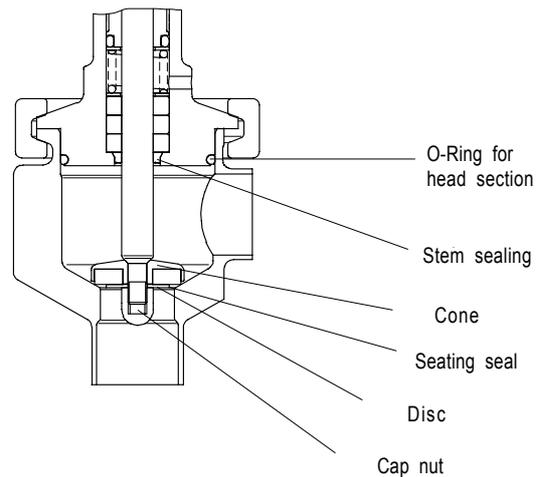
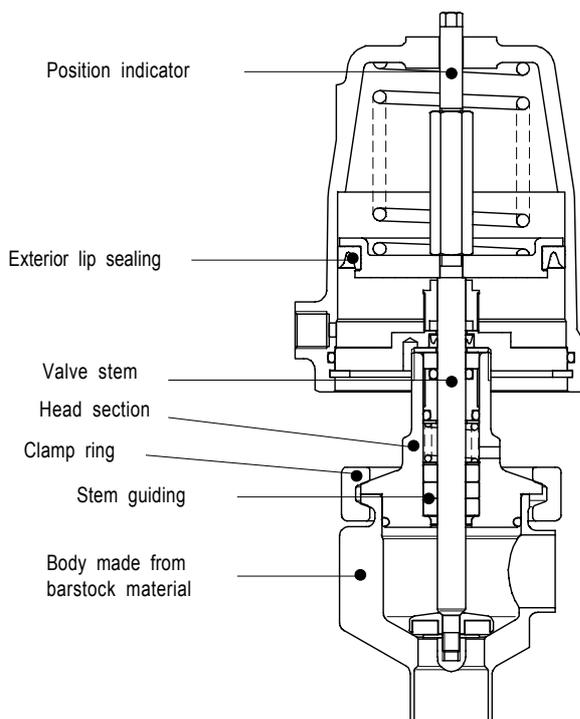
- Compact design
- Body made from stainless steel barstock
- Versatile actuators options
- For temperatures from -20°C up to 140°C (optional up to +200°C)
- Working pressure up to 16 bar



Options

e.g.:

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



soft sealing

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

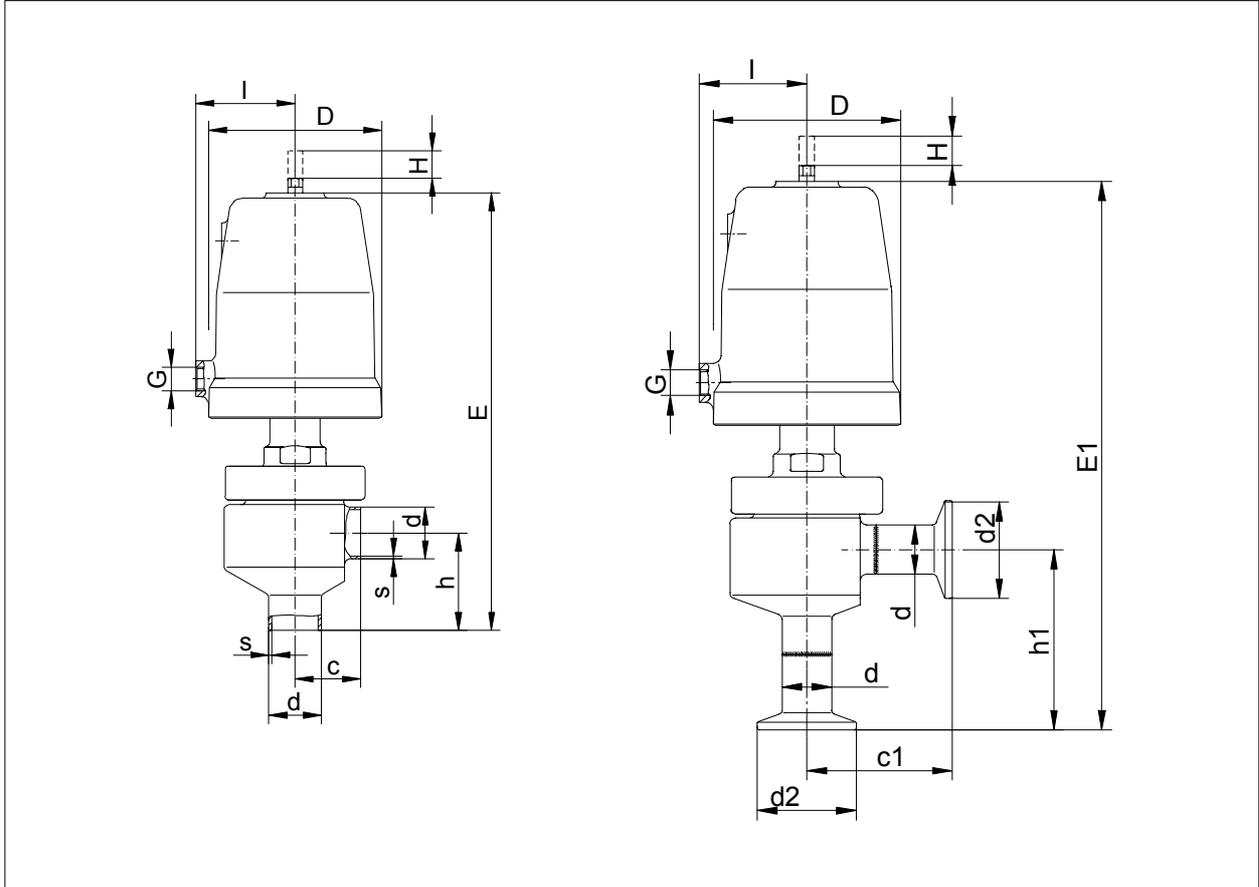
normally closed, closing against the flow

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

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	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	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

Dimensions in mm

Text and pictures are not binding. We reserve the right to alter the equipment.