

Series W5000

W5000-EN-202304

Stainless Steel Check Valve

Size: DN15-DN100

W5000 series stainless steel check valve is designed to protect against medium backflow. With welding and clamp connection types available for selection, the product is suitable for use in the fields of liquid cooling and industrial application.

Features

- Low resistance
- Convenient maintenance
- De-oiling and de-greasing

Pressure-Temperature

- Nominal pressure: PN10
- Temperature range: -10°C-100°C
- Connection standard: Welding: DIN 11850 / ISO 2037
Clamp: DIN 32676 / ISO 2852
- Test standard: GB/T 13927
- Suitable media: water, oil, gas(seal material optional)

Materials

No.	Part	Material
1	Body	Stainless steel
2	Seal	EPDM
3	Disc	Stainless steel
4	Spring	Stainless steel
5	Seat	Stainless steel
6	Nut	Stainless steel
7	Seal	EDPM
8	Bonnet	Stainless steel

Installation Dimensions

DIN welding

Type	DN	ØD	t	ØA	H
W5600	DN15	19	1.5	72	62.5
	DN20	23	1.5	72	62.5
	DN25	29	1.5	72	62.5
	DN32	35	1.5	72	69.5
	DN40	41	1.5	72	69.5
	DN50	53	2	82	76
	DN65	70	2	112	102
	DN80	85	2	125	106
	DN100	104	2	146	127

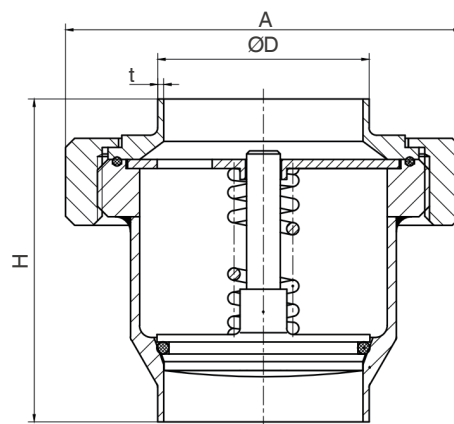
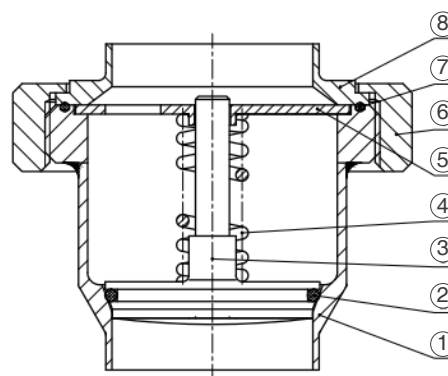
DIN welding

Type	OD	ØD	t	ØD1	H
W5600	OD19	19.05	1.5	72	69.5
	OD25	25.4	1.5	72	69.5
	OD32	31.8	1.5	72	69.5
	OD38	38.1	1.5	72	69.5
	OD51	50.8	1.5	82	76
	OD63	63.5	2.0	98	102
	OD76	76.2	2.0	112	102
	OD89	88.9	2.0	125	106
	OD102	101.6	2.0	146	127



Welding

Clamp



Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



DIN clamp

Type	DN	ØD	Ød	ØA	H
W5800	DN15	50.5	43.5	72	108.5
	DN20	50.5	43.5	72	108.5
	DN25	50.5	43.5	72	108.5
	DN32	50.5	43.5	72	112.5
	DN40	50.5	43.5	82	112.5
	DN50	64	56.5	98	119
	DN65	91	83.5	112	145
	DN80	106	97	125	149
	DN100	119	110	146	170

ISO clamp

Type	OD	ØD	Ød	ØA	H
W5800	OD19	50.5	43.5	72	108.5
	OD25	50.5	43.5	72	108.5
	OD32	50.5	43.5	72	112.5
	OD38	50.5	43.5	72	112.5
	OD51	64	56.5	82	119
	OD63	77.5	70.5	98	145
	OD76	91	83.5	112	145
	OD89	106	97	125	149
	OD102	119	110	146	170

