

Series W6000

W6000-EN-202406

Stainless Steel Three-Piece Ball Valve

Size: DN15-DN100

W6000 series stainless steel three-piece ball valve is designed for isolation service in the pipeline. 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
- Low operation torque

Pressure-Temperature

- Nominal pressure: PN16(DN15-50) PN10(DN65-100)
- 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, ≤50% ethylene glycol/propylene glycol solution

Materials

No.	Part	Material
1	Bonnet	SS304/316/316L
2	Bolt, spring washer, nut	SS304/316/316L
3	Body	SS304/316/316L
4	Seat	PTFE
5	Ball	SS304/316/316L
6	Stem	SS304/316/316L
7	Washer	PTFE
8	Filler	PTFE
9	Gland	SS304/316/316L
10	Handle	SS304/316/316L
11	Nut, spring washer	SS304/316/316L

*Custom material configurations available upon request. Please contact us for details.

Installation Dimensions

DIN Clamp

Type	DN	ØD	Ød	L	H	A	W
W6800	DN15	34	27.5	97	51	49	106
	DN20	34	27.5	108	59	56	113
	DN25	50.5	43.5	112	64	60	128
	DN32	50.5	43.5	126	73	68	144
	DN40	50.5	43.5	140	87	80	163
	DN50	64	56.5	156	95	91	175
	DN65	91	83.5	180	119	117	219
	DN80	106	97	206	131	137	229
	DN100	119	110	250	177	172	290

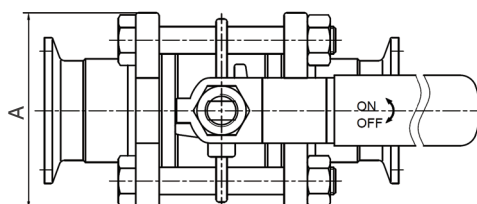
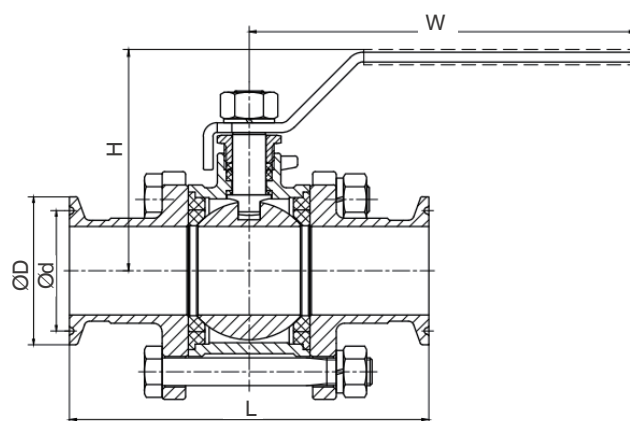
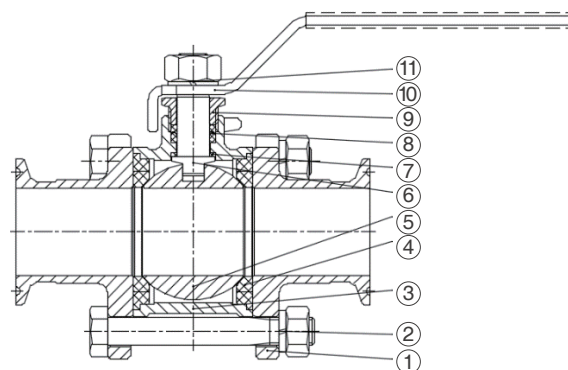
*Contact us for other clamp sizes



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 Welding

Type	Size	ØD	t	L	H	A	W
W6000	DN15	19	1.5	72	51	49	106
	DN20	23	1.5	80	59	56	113
	DN25	29	2	90	64	60	128
	DN32	35	1.5	102	73	68	144
	DN40	41	1.5	112	87	80	163
	DN50	53	1.5	138	95	91	175
	DN65	70	2	181	119	117	219
	DN80	85	2	204	131	137	229
	DN100	104	2	260.5	177	172	290

ISO Welding

Type	Size	ØD	t	L	H	A	W
W6000	DN15	19.05	1.5	72	51	49	106
	DN20	25.4	1.5	80	59	56	113
	DN25	31.8	1.5	90	64	60	128
	DN32	38.1	1.5	102	73	68	144
	DN40	50.8	1.5	112	87	80	163
	DN50	63.5	1.5	138	95	91	175
	DN65	76.2	2.0	181	119	117	219
	DN80	88.9	2.0	204	131	137	229
	DN100	101.6	2.0	260.5	177	172	290

Butt-welding

Type	Size	ØD	Ød	L	H	A	W
W6000	DN15	22	14.5	72	51	49	106
	DN20	27	19	80	59	56	113
	DN25	32	24	90	64	60	128
	DN32	39.5	31	102	73	68	144
	DN40	47	39	112	87	80	163
	DN50	57	49	138	95	91	175
	DN65	75.5	66	182.5	119	117	219
	DN80	91	79	205	131	137	229
	DN100	110	98	260.5	177	172	290

Contact with us for other welding size

