

Series W-W1911-L

PN16 Lugged Type Butterfly Valve with Lever Handle

Series W-W1911-G

PN16 Lugged Type Butterfly Valve with Gearbox

Size: DN50-DN150(-L)

DN50-DN350(-G)

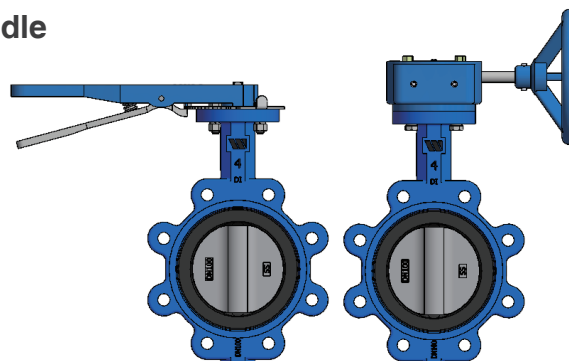
Potable water service Butterfly Valves With Watermark certification, for on and off and flow control service. Suitable applications would include building services, water and wastewater, general industry, and irrigation water supply.

Features

- Quality robust construction
- Excellent sealing due to unique disk and seat contour
- Single piece 316SS shaft (DN300 and below) eliminating potential pin and bolt leakages
- Two pieces 316SS shaft for DN350
- Position indicators

Material

Component	Material
Body	Ductile Iron
Disc	Stainless Steel
Stem	Stainless Steel
Seat	EPDM



Specification

- Design Standard: ATS 5200.012-2005
- Test Standard: ISO 5208-2008
- Connection Type: Lugged
- Connection Standard: AS2129 Table E + Table D as option
- Working Medium: Non corrosive liquids
Maximum 30% glycol/water mix

Pressure - Temperature

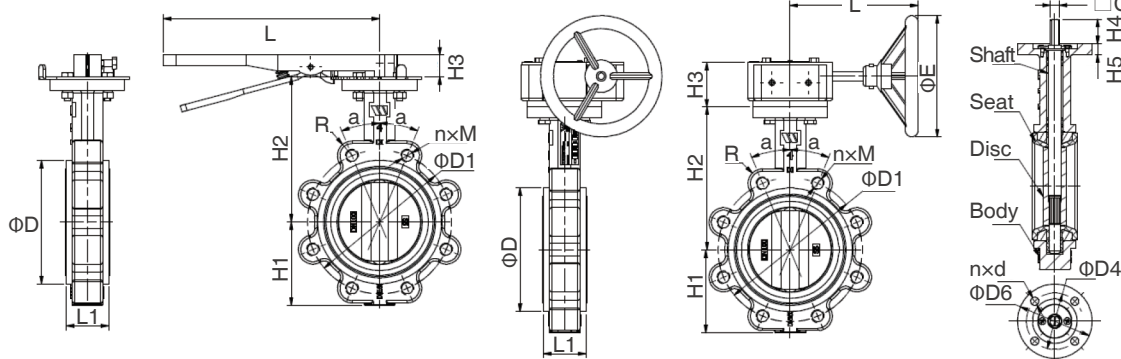
- Nominal Pressure: PN16
- Working Temperature: -20 °C ~ +120 °C

Approvals

- Water Mark License No.: WMK 26990



Installation Dimensions



DN	Contour Dimension (mm)					Flange Dimension (mm) Meet As2129 Table E			FLANGE DIMENSION (MM) MEET AS2129 TABLE D		
	H1	H2	ΦD	R	L1	ΦD1	n x M	a	ΦD1	n x M	a
50	68	143	92	15	43	114	4 x M16	45°	114	4 x M16	45°
65	77	156	105	17	46	127	4 x M16	45°	127	4 x M16	45°
80	89	162	120	17	46	146	4 x M16	45°	146	4 x M16	45°
100	103	177	153	18	52	178	8 x M16	22.5°	178	4 x M16	45°
125	127	190	181	20	56	210	8 x M16	22.5°	210	8 x M16	22.5°
150	139	205	208	21	56	235	8 x M20	22.5°	235	8 x M16	22.5°
200	165	236	260	20	61	292	8 x M20	22.5°	292	8 x M16	22.5°
250	203	267	320	25	68	356	12 x M20	15°	356	8 x M20	15°
300	231	307	371	25	77	406	12 x M24	15°	406	12 x M20	15°
350	288	368	470	27.5	78	470	12 x M24	15°	470	12 x M24	15°

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.

DN	Top Flange Dimension (Mm)							Lever Operated		Gear Operated		
	H4	H5	□C	MEET ISO 5211				Blue		BLUE		
				TYPE	ΦD6	ΦD4	nxd	H3	L	H3	ΦE	L
50	30	13	□9	F07	92	70	4×φ10	32	267	66	150	160
65	30	13	□9	F07	92	70	4×φ10	32	267	66	150	160
80	30	13	□9	F07	92	70	4×φ10	32	267	66	150	160
100	30	14	□11	F07	92	70	4×φ10	32	267	66	150	160
125	30	14	□14	F07	92	70	4×φ10	32	267	66	150	160
150	30	14	□14	F07	92	70	4×φ10	32	267	66	150	160
200	33	14	□17	F10	125	102	4×φ12	/	/	82	298	240
250	33	14	□22	F10	125	102	4×φ12	/	/	82	298	240
300	33	20	□22	F10	140	102	4×φ12	/	/	84	298	225
350	40	20	□31.6	F12	140	125	4×φ12	/	/	84	298	230

Installation Instructions

1. Compare the rated parameters of the equipment with the rated parameters marked on product, ensure that products meet the requirements of the application.
2. Installation personnel should be trained and experienced, to ensure that the installation is completed correctly.
3. At the end of the installation, check thoroughly to make sure it is installed correctly.
4. In order to ensure the installation work does not cause an accident or operation issue, thoroughly clean the pipe system before the product installation (using chemical reagent if it is necessary). To ensure that the pipeline system is clean of, no corrosion and no dirt, additionally remove all the filters before washing to ensure that the pipeline is unblocked and clean. Advice is to install temporary pipeline in place of device within the installation, then install the equipment into the pipeline after finishing the cleaning work.
5. Notice that the devices must not be used in the applications where the medium is containing a higher viscosity such as oil, mineral oil or is a corrosive medium.
6. If testing the device use the standard nominal connections.