

## Lug-Type Butterfly Valve (W-W1911-L)

## Lug-Type Butterfly Valve (W-W1911-G)

### Application:

The Watts Series W-W1911 butterfly valves are designed and manufactured to meet the stringent requirements of HVAC, Irrigation, OEM, Commercial, Institutional, and Industrial applications. Building services, municipal waterworks and light industrial ...



### Features:

1. Simple structure, easy to operate;
2. Simple installation, good sealing performance;
3. Long life, high reliability;
4. Good compatibility.
5. Good sealing effect, with no pin and no backrest.
6. Self-lubricating bushes

### Working Principles:

1. Round disc is used as mechanism for opening and closing, and it rotates together with the stem to open, close and adjust fluid.
2. Round disc rotates 0°~90° around the axial line.

### Technical Parameters:

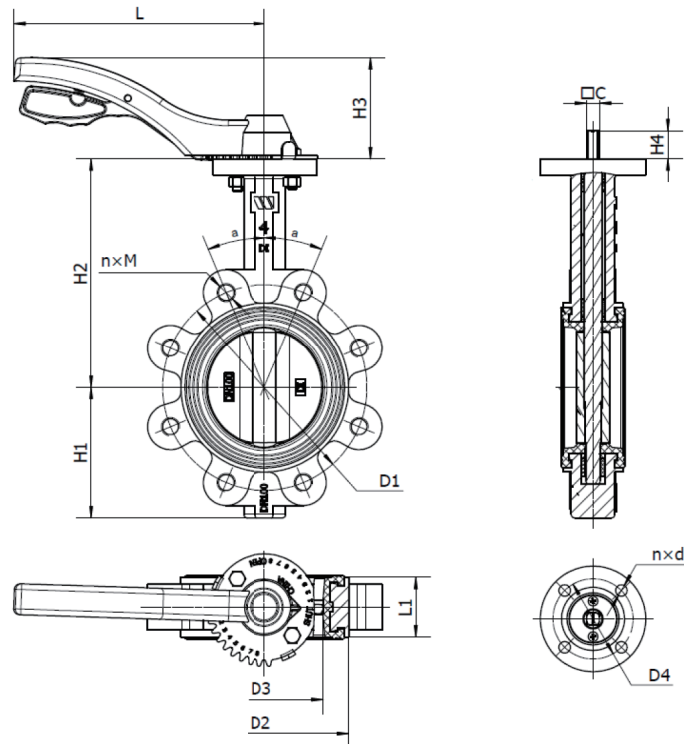
Nominal Diameter:	DN50~DN200	Lever
	DN50~DN600	Gear
Nominal Pressure:	PN16	
Working Temperature:	-20°C~120°C	
Working Medium:	Water	
Connection Type:	Lug Type	
Connection Standard:	ISO7005-2:1998	BS EN1092-2:1997
Test Standard:	ISO5208: 2008	BS EN 12266-2:2002

### Material:

Part	Body	Disc			Seat	Stem
<b>Material</b>	Ductile Iron	Ductile Iron	Ductile Iron	Stainless Steel	EPDM	Stainless Steel
	QT450-10	QT450-10	QT450-10	CF8/CF8M		2Cr13
	QT450-10	(Epoxy coated)	(Nickel-plated)			

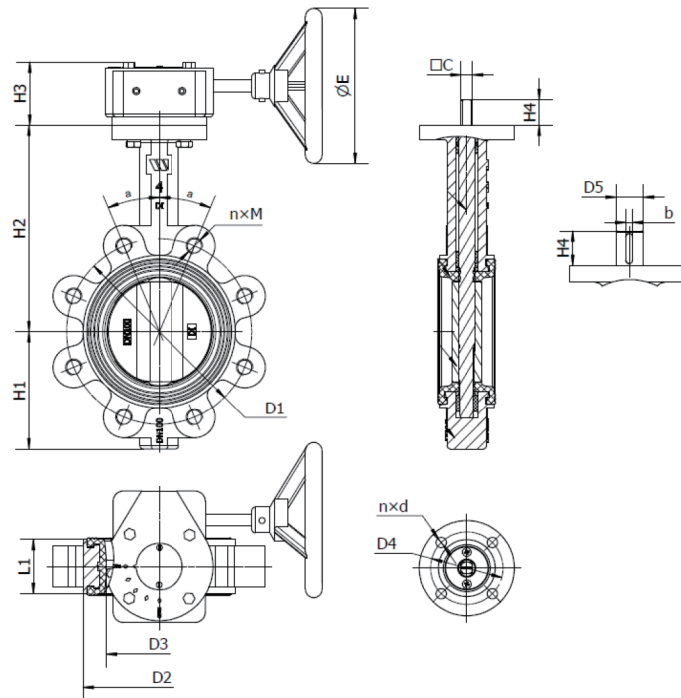
### Installation Dimensions:

#### 1. Lug-type lever operated midline butterfly valve (W-W1911-L)



DN	H1	H2	H3	H4	L	L1	□C	D1	n×M	a	D2	D3	D4	n×φd
50	80	161	95	24	215	43	□9	φ125	4×M16	45°	φ89	φ51.7	φ70	4×φ10
65	89	175	95	24	215	46	□9	φ145	4×M16	45°	φ105	φ63.3	φ70	4×φ10
80	95	181	95	24	215	46	□9	φ160	8×M16	22.5°	φ120	φ77.7	φ70	4×φ10
100	114	200	95	26	215	52	□11	φ180	8×M16	22.5°	φ148	φ103.1	φ70	4×φ10
125	127	213	95	26	215	56	□14	φ210	8×M16	22.5°	φ170	φ122.2	φ70	4×φ10
150	139	226	95	26	215	56	□14	φ240	8×M20	22.5°	φ203	φ154.9	φ70	4×φ10
200	175	260	26	26	360	60	□17	φ295	12×M20	15°	φ255	φ201.3	φ102	4×φ12

## 2. Lug-type worm-gear midline butterfly valve (W-W1911-G)



DN	H1	H2	H3	H4	φE	L1	□C/D5	b	D1	n×M	α	D2	D3	D4	n×φd
50	80	161	66	24	150	43	□9	-	φ125	4×M16	45°	φ89	φ51.7	φ70	4×φ10
65	89	175	66	24	150	46	□9	-	φ145	4×M16	45°	φ105	φ63.3	φ70	4×φ10
80	95	181	66	24	150	46	□9	-	φ160	8×M16	22.5°	φ120	φ77.7	φ70	4×φ10
100	114	200	66	26	150	52	□11	-	φ180	8×M16	22.5°	φ148	φ103.1	φ70	4×φ10
125	127	213	66	26	150	56	□14	-	φ210	8×M16	22.5°	φ170	φ122.2	φ70	4×φ10
150	139	226	66	26	150	56	□14	-	φ240	8×M20	22.5°	φ203	φ154.9	φ70	4×φ10
200	175	260	82	26	298	60	□17	-	φ295	12×M20	15°	φ255	φ201.3	φ102	4×φ12
250	203	292	82	26	298	68	□22	-	φ355	12×M24	15°	φ303	φ249.4	φ102	4×φ12
300	242	337	84	26	298	78	□22	-	φ410	12×M24	15°	φ355	φ300.1	φ102	4×φ12
350	288	368	84	40	298	78	φ31.6 <sup>0</sup> <sub>-0.05</sub>	8	φ470	16×M24	11.25°	φ405	φ331.5	φ102	4×φ14
400	331	400	120	52	300	102	φ33.15 <sup>0</sup> <sub>-0.05</sub>	10	φ525	16×M27	11.25°	φ470	φ387.5	φ140	4×φ18
450	355	422	120	52	300	114	φ38 <sup>0</sup> <sub>-0.05</sub>	10	φ585	20×M27	9°	φ525	φ438.5	φ140	4×φ18
500	388	480	150	64	300	127	φ41.15 <sup>0</sup> <sub>-0.05</sub>	10	φ650	20×M30	9°	φ578	φ488.8	φ140	4×φ18
600	475	562	150	70	300	154	φ50.65 <sup>0</sup> <sub>-0.05</sub>	16	φ770	20×M33	9°	φ693	φ589.9	φ165	4×φ22

**◆ Installation Instructions:**

- This valve does not have flow direction of medium requirements, both sides can be used as the import and export.
- This valve can be installed horizontal, vertically or inclined upward 45 °, do not allow the hand wheel down installation.
- In the process of hoisting can not put the point of pressure on the hand wheel, should be on the flange hole.