Series W-W1911-L/G

Lug-Type Butterfly Valve

Size: DN50-DN150(-L)
DN50-DN600(-G)

The Watts Series W-W1911 butterfly valves are designed and manufactured to meet the stringent requirements of plumbing, HVAC, irrigation, commercial and industrial application.

Features

- Simple structure, easy to operate
- Simple installation, excellent sealing performance
- High reliability and long durability
- Position indicators
- Double regulating feature available on request

Pressure-Temperature

- Maximum Working Pressure: PN16
- Working Temperature: -20°C~120°C

Specification

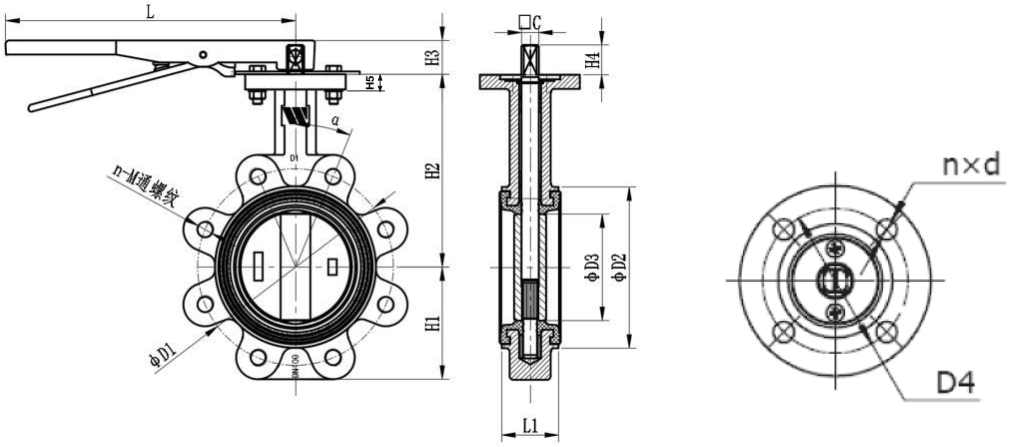
- Design Standard: EN 593
- Connection Standard: EN 1092-2
- Test Standard: EN 12266-1
- Structure-Length Standard: EN 588-1
- Connection Type: Lug
- Working Medium: Water

Material

Component	Material	Standard
Body	Ductile Iron (Epoxy Coating)	QT450-10
Disc	Ductile Iron (Epoxy Coating) Stainless Steel	QT450-10 CF8
Seat	EPDM	
Stem	Stainless Steel	420

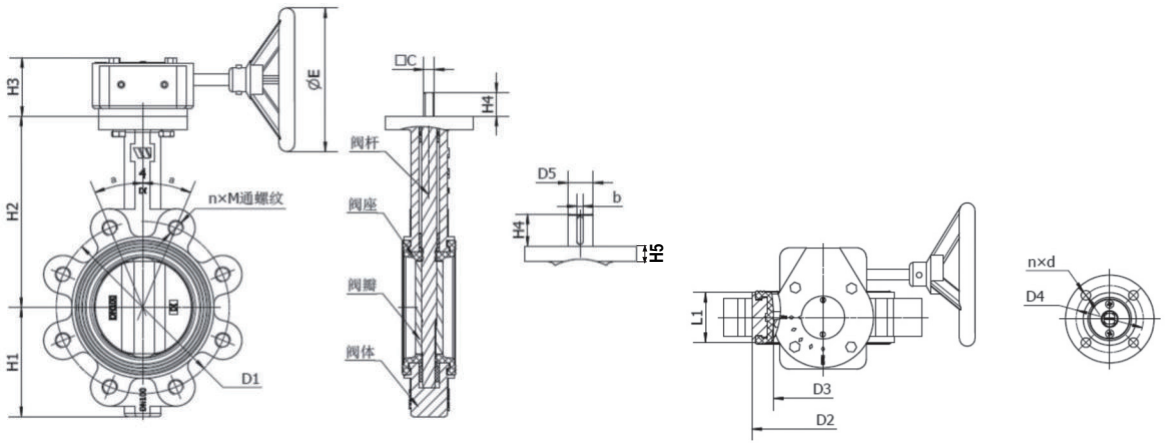
Installation Dimensions

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



DN	H1	H2	H3	H4	L1	L	□C	D1	n×M	α	D2	D3	D4	n×Ød	H5
50	62	136	26.5	24	43	248	9	Ø125	4×M16	45°	Ø91	Ø54	Ø70	4-Ø10	13
65	70	145	26.5	24	46	248	9	Ø145	4×M16	45°	Ø108	Ø70	Ø70	4-Ø10	13
80	89	151	26.5	24	46	248	9	Ø160	8×M16	22.5°	Ø123	Ø85	Ø70	4-Ø10	13
100	106	170	26.5	26	52	248	11	Ø180	8×M16	22.5°	Ø148	Ø100	Ø70	4-Ø10	13
125	119	190	26.5	26	56	258	14	Ø210	8×M16	22.5°	Ø178	Ø128	Ø70	4-Ø10	13
150	131	203	26.5	26	56	258	14	Ø240	8×M20	22.5°	Ø205	Ø155	Ø70	4-Ø10	13

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



DN	H1	H2	H3	H4	ØE	L1	□ C/D5	b	D1	n×M	α	D2	D3	D4	n×Ød	H5
50	62	136	62	24	150	43	□ 9	-	Ø125	4×M16	45°	Ø91	Ø54	Ø70	4×Ø10	13
65	70	145	62	24	150	46	□ 9	-	Ø145	4×M16	45°	Ø108	Ø70	Ø70	4×Ø10	13
80	89	151	62	24	150	46	□ 9	-	Ø160	8×M16	22.5°	Ø123	Ø85	Ø70	4×Ø10	13
100	106	170	62	26	150	52	□ 11	-	Ø180	8×M16	22.5°	Ø148	Ø100	Ø70	4×Ø10	13
125	119	190	62	26	150	56	□ 14	-	Ø210	8×M16	22.5°	Ø178	Ø128	Ø70	4×Ø10	13
150	131	203	62	26	150	56	□ 14	-	Ø240	8×M20	22.5°	Ø205	Ø155	Ø70	4×Ø10	13
200	164	245.5	74	33	196	60	□ 17	-	Ø295	12×M20	15°	Ø262	Ø200	Ø102	4×Ø12	17
250	199	271	74	27	196	68	□ 22	-	Ø355	12×M24	15°	Ø314	Ø250	Ø102	4×Ø12	17
300	230	296	84.5	27	280	78	□ 22	-	Ø410	12×M24	15°	Ø366	Ø300	Ø125	4×Ø14	17
350	280	328	84.5	40	280	78	Ø31.6 $^{0}_{-0.05}$	8	Ø470	16×M24	11.25°	Ø408	Ø331	Ø125	4×Ø14	20
400	315	376	105	52	400	102	Ø33.15 $^{0}_{-0.05}$	10	Ø525	16×M27	11.25°	Ø472	Ø387	Ø140	4×Ø18	20
450	345	407	105	52	400	114	Ø38 $^{0}_{-0.05}$	10	Ø585	20×M27	9°	Ø528	Ø437.5	Ø140	4×Ø18	22
500	383	433	98	64	400	127	Ø41.15 $^{0}_{-0.05}$	10	Ø650	20×M30	9°	Ø582	Ø487.5	Ø165	4×Ø22	22
600	475	508	118	70	400	154	Ø50.65 $^{0}_{-0.05}$	16	Ø770	20×M33	9°	Ø675	Ø575.1	Ø165	4×Ø22	22

Instruction for Installation

(1) Compare the rated parameters required by the equipment with the rated parameters indicated on the product to ensure that the product meets the necessary requirements;
(2) Installers shall be subject to training and with experience to ensure that the installation is completed successfully;
(3) Thorough inspection shall be carried out at the end of the installation to ensure that the installation has been carried out correctly;
(4) In the direction of valve installation, the handwheel can be installed horizontally or upwards, and the handwheel is not all owed to be installed downward
(5) To ensure that there is no accident in the installation work, the piping system shall be thoroughly cleaned (using chemical reagents if necessary) before the installation of the product so as to make sure that the piping system is clean, free of corrosion and dirt and all filtering devices shall be removed to make sure that the piping is smooth before flushing;
(6) It is recommended to install temporary pipes at the pipe installation position of the equipment during the initial cleaning of the system, and then install the equipment on the pipe after the flushing work is completed;
(7) it shall be noted that the equipment shall not be used in places where the media contain more grease, mineral oil and others with high viscosity or corrosion;
(8) Flanges and corresponding bolts conforming to standards shall be used for securing;