

Series W-W1911-S3-L/G

Stainless Steel Lug-Type Butterfly Valve

**Size: DN50-DN150(-L)
DN50-DN300(-G)**

The Watts Series W-W1911 butterfly valves are designed and manufactured to meet the stringent requirements of plumbing, HVAC, data center, 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

- Nominal Pressure: PN16
- Temperature Range: -20°C~120°C

Test Pressures

Shell: 24bar

Seat: 17.6bar

Material

Component	Material	Standard
Body	Stainless Steel	CF8 (SS304)
Disc	Stainless Steel	CF8 (SS304)
Seat	EPDM (Peroxide Cured)	
Stem	Stainless Steel	CF8 (SS304)

Specification

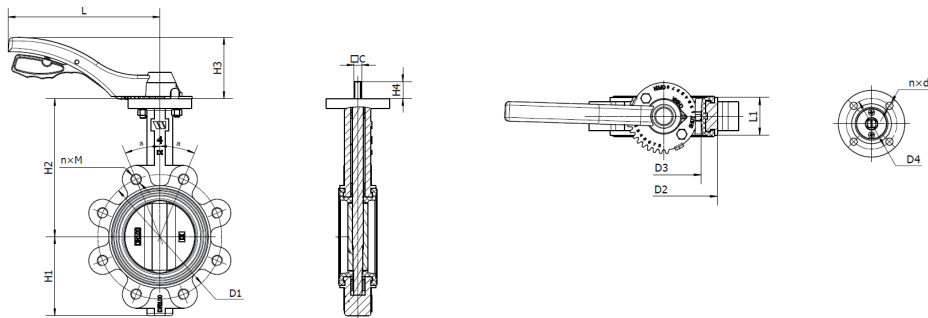
- Connection Standard: ISO7005-2: 1998
BS EN1092: 2-1997 PN16
- Connection Type: Lug Type
- Suitable Media: Water, ≤50% Propylene Glycol
- Nominal Diameter: DN50~DN150 Lever
DN50~DN300 Gear

Note: All EPDM materials specified are peroxide-cured. This curing method enhances thermal stability, chemical resistance, and long-term sealing performance, making the material highly suitable for demanding liquid cooling applications.

Installation Dimensions

1. Lug-type lever operated midline butterfly valve (W-W1911-S3-L)

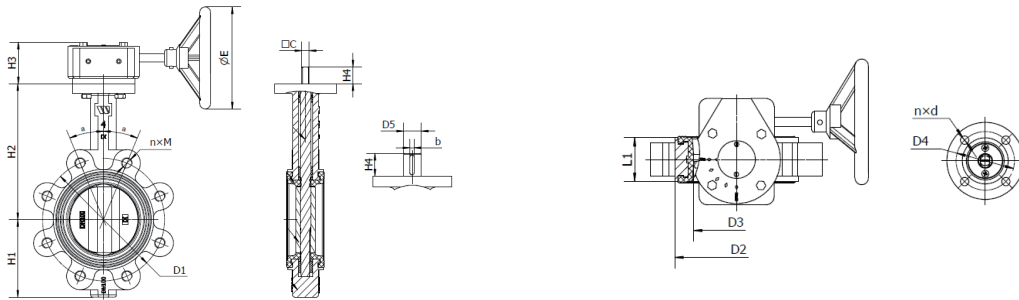
DN	H1	H2	H3	H4	L	L	□ C	D1	n×m	α	D2	D3	D4	n×Ød	Torque(N.m)	
															Wet	Dry
50	80	161	95	24	215	43	□ 9	Ø125	4×M16	45°	Ø89	Ø51.7	Ø70	4×Ø10	15.1	24.2
65	89	175	95	24	215	46	□ 9	Ø145	4×M16	45°	Ø105	Ø63.3	Ø70	4×Ø10	17.2	32.7
80	95	181	95	24	215	46	□ 9	Ø160	8×M16	22.5°	Ø120	Ø77.7	Ø70	4×Ø10	17.2	43.7
100	114	200	95	26	215	52	□ 11	Ø180	8×M16	22.5°	Ø148	Ø103.1	Ø70	4×Ø10	39.8	72.8
125	127	213	30	26	300	56	□ 14	Ø210	8×M16	22.5°	Ø170	Ø122.2	Ø70	4×Ø10	61.9	108
150	139	226	30	26	300	56	□ 14	Ø240	8×M20	22.5°	Ø203	Ø154.9	Ø70	4×Ø10	102	174



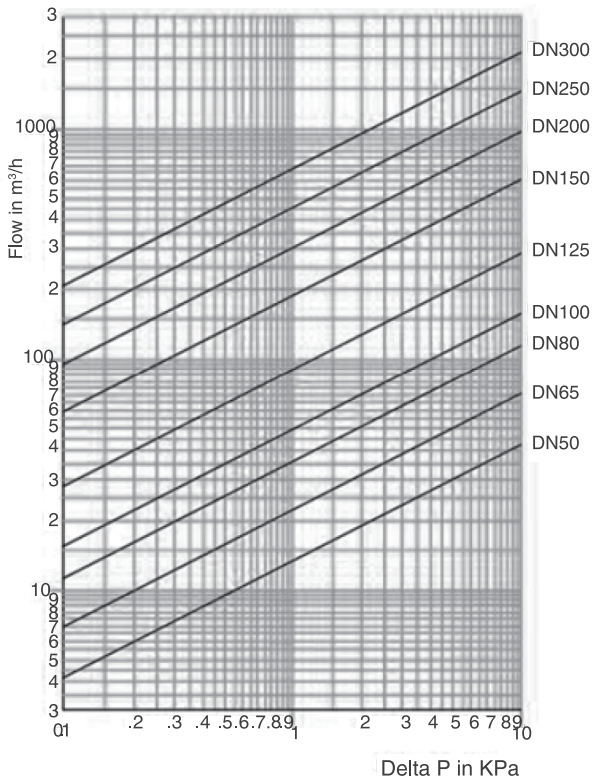
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2. Lug-type gear operated midline butterfly valve (W-W1911-S3-G)

DN	H1	H2	H3	H4	ØE	L1	□ C/D5	b	D1	n×m	α	D2	D3	D4	n×Ød	Torque(N.m)	
																Wet	Dry
50	80	142.7	66	24	150	43	□ 9	-	Ø125	4×M16	45°	Ø89	Ø51.7	Ø70	4×Ø10	15.1	24.2
65	89	155.4	66	24	150	46	□ 9	-	Ø145	4×M16	45°	Ø105	Ø63.3	Ø70	4×Ø10	17.2	32.7
80	95	161.8	66	24	150	46	□ 9	-	Ø160	8×M16	22.5°	Ø120	Ø77.7	Ø70	4×Ø10	23.1	43.7
100	114	177	66	26	150	52	□ 11	-	Ø180	8×M16	22.5°	Ø148	Ø103.1	Ø70	4×Ø10	39.8	72.8
125	127	189.5	66	26	150	56	□ 14	-	Ø210	8×M16	22.5°	Ø170	Ø122.2	Ø70	4×Ø10	61.9	108
150	139	204.2	66	26	150	56	□ 14	-	Ø240	8×M20	22.5°	Ø203	Ø154.9	Ø70	4×Ø10	102	174
200	175	236	82	33	298	60	□ 17	-	Ø295	12×M20	15°	Ø255	Ø201.3	Ø102	4×Ø12	192	330
250	203	266.3	82	26	298	68	□ 22	-	Ø355	12×M24	15°	Ø303	Ø249.4	Ø102	4×Ø12	323	549
300	242	306.5	84	26	298	78	□ 22	-	Ø410	12×M24	15°	Ø355	Ø300.1	Ø102	4×Ø12	490	799



Characteristic Curves



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