

Wafer-Type Butterfly Valve (W-W1111-G)

◆ Application:

The Watts Series W-W1111 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.

◆ 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.

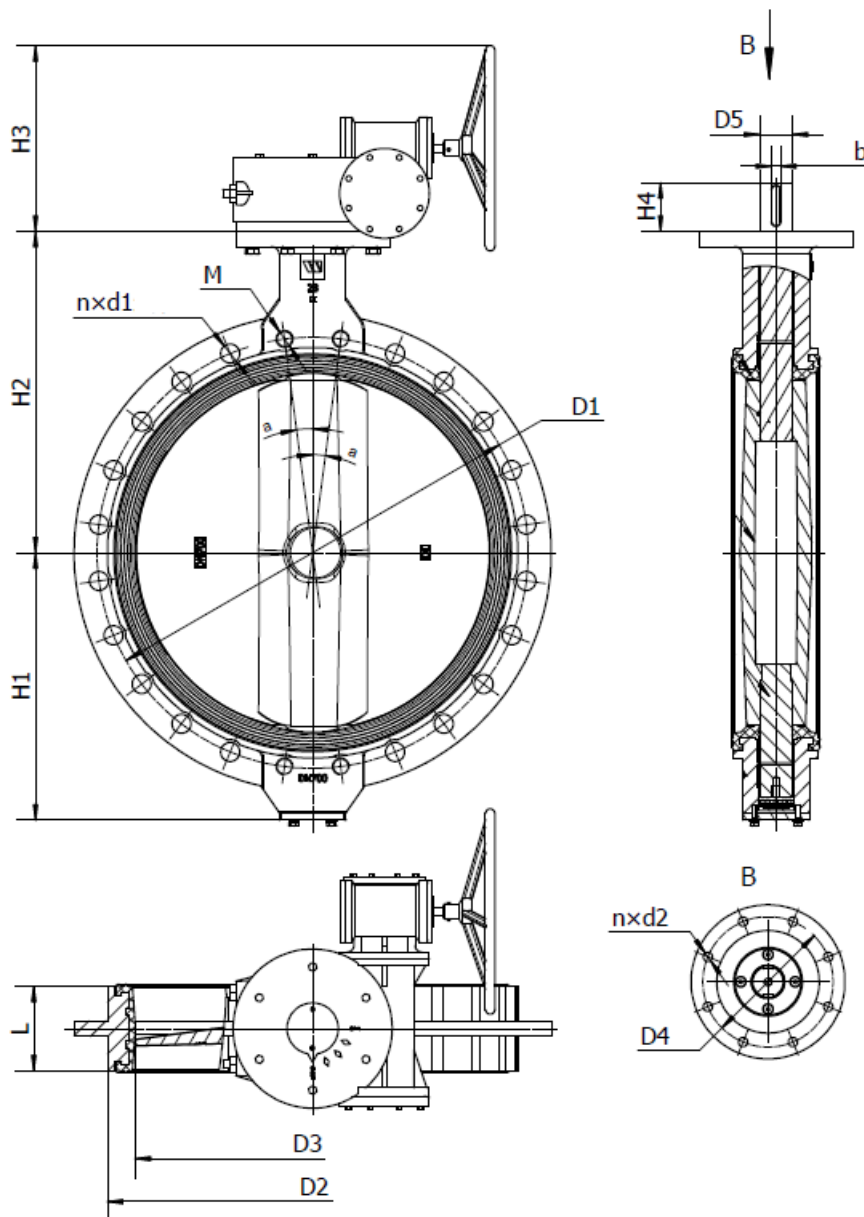
◆ Technical Parameters:

Nominal Diameter:	DN700~DN1200	Gear
Nominal Pressure:	PN16	
Working Temperature:	-20°C~120°C	
Working Medium:	Water	
Connection Type:	Wafer 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
Material	Ductile Iron	Ductile Iron	Ductile Iron	Stainless Steel	EPDM	Stainless Steel
	QT450-10	QT450-10	QT450-10	CF8		1Cr17Ni2
	QT450-10	(Epoxy coated)	(Nickel-plated)			

Installation Dimensions:



DN	H1	H2	H3	H4	L	D1	N x d1	M	a	D2	D3	D4	n x d2	D5	b
700	521	626	362	95	165	φ840	20×φ37	4×M33-T35	7.5°	φ800	φ692.2	φ254	8×φ18	φ63.35 ^{-0.05} _{-0.1}	18
800	591	666	362	95	188	φ950	20×φ40	4×M36-T35	7.5°	φ906	φ792	φ254	8×φ18	φ63.35 ^{-0.05} _{-0.1}	18
900	650	722	395	130	203	φ1050	24×φ40	4×M36-T35	6.43°	φ1015	φ861.2	φ254	8×φ18	φ75 ^{-0.05} _{-0.1}	20
1000	713	806	395	130	216	φ1170	24×φ43	4×M39-T40	6.43°	φ1120	φ961	φ254	8×φ18	φ85 ^{-0.05} _{-0.1}	22
1200	855	938	434	150	276	φ1390	28×φ49	4×M45-T50	5.63°	φ1336	φ1155.2	φ298	8×φ22	φ105 ^{0.05} _{-0.1}	28

◆ 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.