

Lug Type Butterfly Valve

Fig. 3242

Specification

Design in accordance with GB/T 12238,EN593,I-SO5211

Flanges comply with EN1092-2,ISO 7005,GB/T 9115

Technical data

Working Pressure:16bar

(For other specifications, please consult)

Dimensions: DN50~DN600

Test Pressure:Shell:24bar

Seal:17.6bar

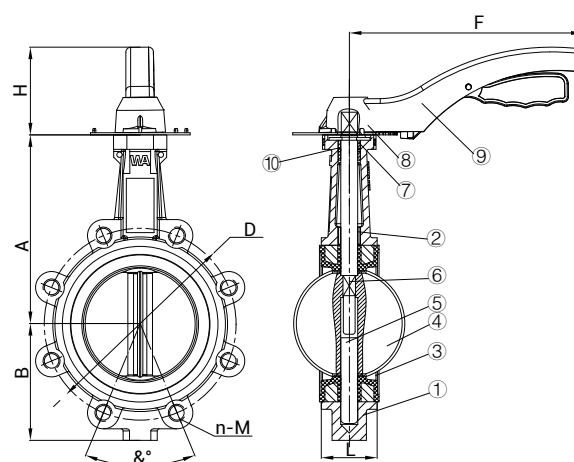
Working Temperature:-20~120 EPDM Seat

-10~80 NBR Seat

Product Features

- Valve fully sealed in Bi-directional- EN 12266 (Class A) air-tight class;
- Valve plate finishing spherical sealing surface, low torque, long service life;
- Three self-lubricating bushings on the stem to prevent stem deflection;
- May be installed in any direction;
- Can be installed with single flange;
(One side pressure must not exceed 3.5Bar)
- Maintenance free.

Schematic



Dimensions

DN	mm	50	65	80	100	125	150	200	250	300
	inch	2	2-1/2	3	4	5	6	8	10	12
A		140	150	158	176	190	211	235	265	305
B		68	76	90	109	121	133	163	197	231
H		75	75	75	75	85	85	88	88	104
L		43	45	46	52	54.5	56	60.5	66.2	77
F		171	171	171	171	216	216	352	352	500

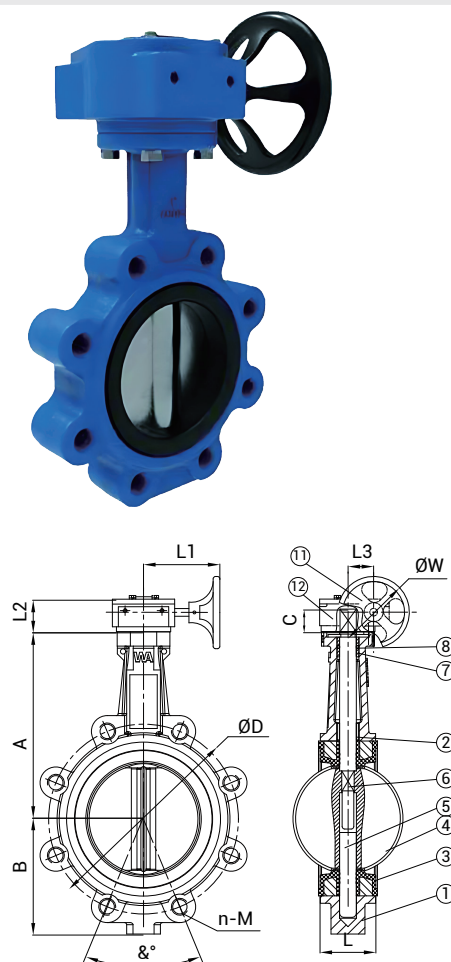
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Material Specifications

Part Name	Materials	Specification
Body	Ductile Iron	EN-JS 1050
Stem	Stainless Steel	BS970 410 S 21
	Stainless Steel	BS970 431 S 29
Seat	EPDM/NBR	
	Viton/PTFE	
Bushing	PTFE	
	Bronze	EN 1982 CC491K
O-Ring	EPDM / NBR	
Disc	Ductile Iron	EN-JS 1050
	Bronze	EN 1982 CC491K
	Stainless Steel	BS970 304 S15
	Stainless Steel	BS970 316 S16
Drive unit	Aluminium Malleable Iron, Cast Iron	
Disc Coating	Epoxy / Nylon / hala	
	Nickel Plating	

Schematic



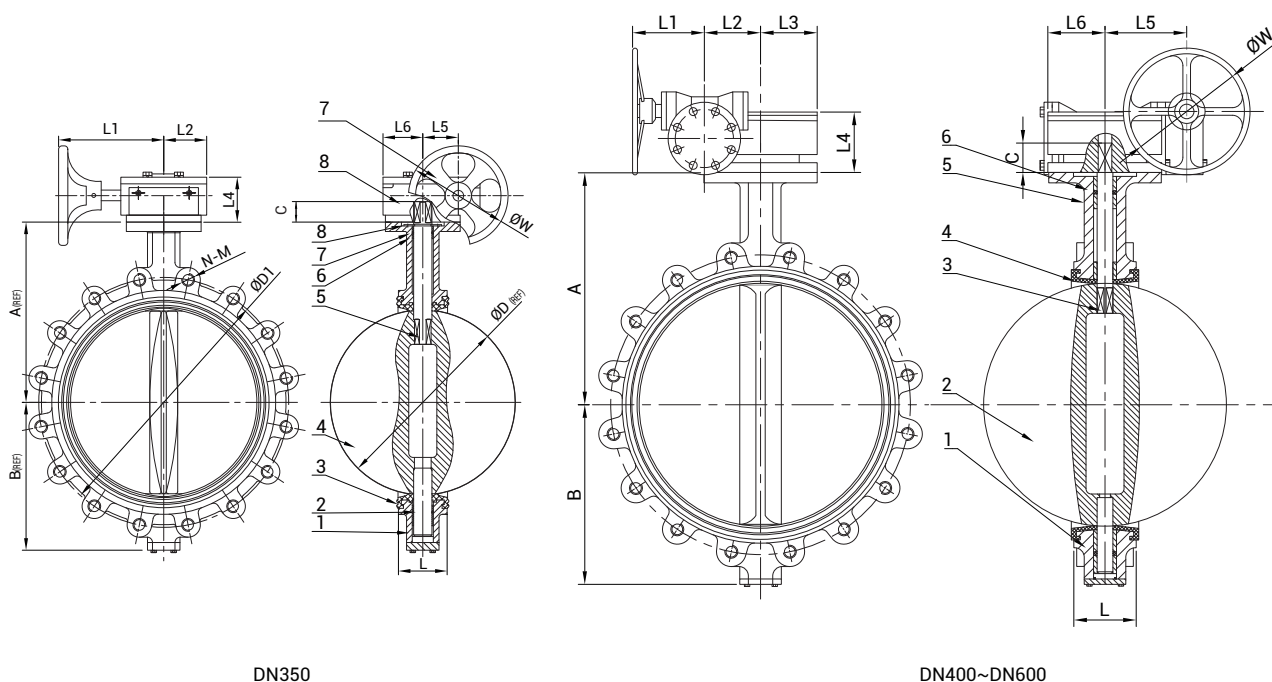
Dimensions

DN	mm	50	65	80	100	125	150	200	250	300
	inch	2	2-1/2	3	4	5	6	8	10	12
A		140	150	158	176	190	211	235	265	305
B		68	76	90	109	121	133	163	197	231
C		26	26	26	26	28	28	36	38	38
L		43	45	46	52	54.5	56	60.5	66.2	77
L1		130	130	130	130	130	130	196	196	179
L2		55	55	55	55	55	55	68	68	75
L3		44	44	44	44	44	44	57	57	69
ØW		155	155	155	155	155	155	270	270	270

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Product Drawing



Dimensions

DN	mm	350	400	450	500	600
	inch	14	16	18	20	24
A		140	150	158	176	190
B		68	76	90	109	121
C		42	50	50	60	60
L		43	45	46	52	54.5
L1		227	160	160	160	176
L2		81	94	94	94	125
L3		/	104	104	104	131
L4		83	110	110	110	128
L5		81	181	181	181	200
L6		81	104	104	104	131
ØW		278	290	290	290	385