

Design Features:

The butterfly plate of the wafer butterfly valve is installed in the diameter direction of the pipeline.

The wafer butterfly valve is simple in structure, small in size and light in weight, and consists of only a few parts. Moreover, it can be opened and closed quickly by rotating 90°, and the operation is simple. At the same time, the valve has good fluid control characteristics.

Field of Application :

Operating Temperature :

NBR: 0°C~+90°C

EPDM: - 20°C~+120°C

PTFE: -10°C~+150°C

Operate:

DN50-DN250: Lever

DN300-1200: Worm gear

Optional operation: Lever, Worm gear, Pneumatic, Electric-Motorized

Application: Chemical processing, Desalination plants, Drinking water, Dry powder, Food and beverage, Gas plants, HAVC Mining industry, Paper industry, Sand handling, Seawater, Sugar industry, Thermo technical water treatment, Waste water, Cooling Water Circulation, Compressed Air

Technical Specification :

Design Standard:

EN 593, MSS SP67, API 609, BS5155

Face to Face dimension:

ISO 5752, EN 558, MSS SP67, API 609, DIN3202

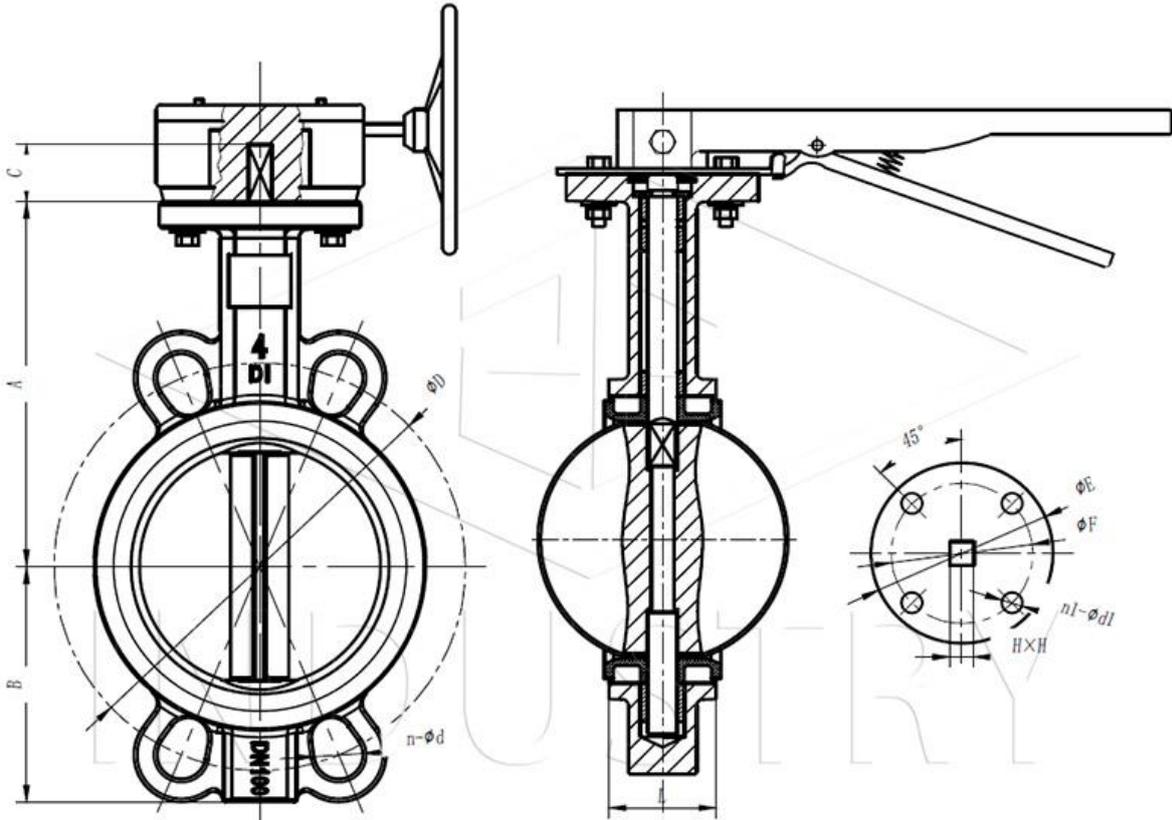
End Standard:

ANSI B16.1 Class125LB & B16.5 Class150LB

AS 2129 Table D & E BS 10 Table D & E

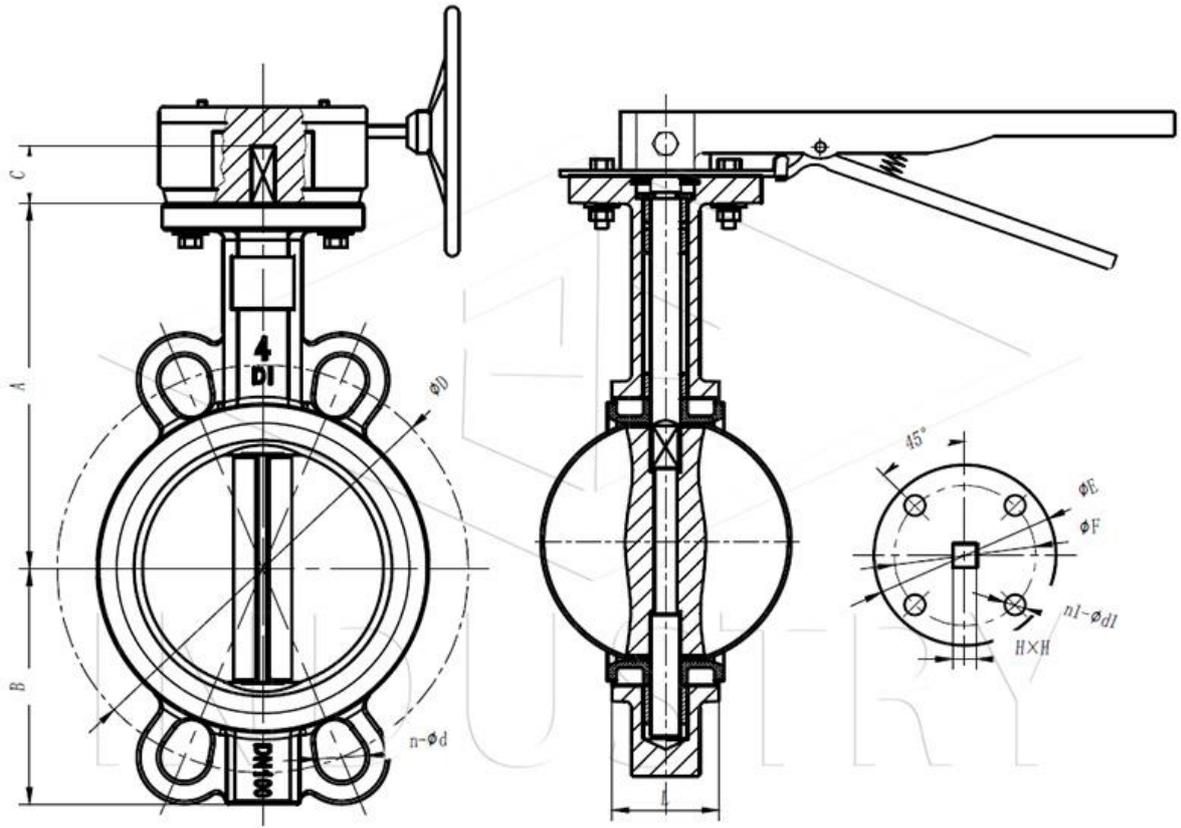
DIN 2501 PN6, PN10 & PN16

EN 1092 PN6, PN10 & PN16
 ISO 2531 PN6, PN10 & PN16
 ISO 7005 PN6, PN10 & PN16
 KS B 1511 / JIS B 2210 5K & 10K
 MSS SP44 CL. 150LB AWWA C207
 SABS 1123 Table 1000/3 & Table 1600/3
 Top Flange: ISO5211
 Test standard: API 598, ISO 5208, EN 12266



MATERIAL LIST

Material	Specification
Part Name	Material
Body	Cast Iron, Ductile iron, WCB, SS304, SS316, Bronze, Aluminum Alloy
Seat	EPDM, NBR, PTFE, VITON, Rubber
Dsic	Ductile Iron, CF8, CF8M, WCB, Bronze, Aluminum Alloy
Stem	45#, 410, 420, 431, 304, 304L, 316, 316L, Bronze, Monel, Hard alloy



Dimensions (mm)

Size		L mm	C	ANSI CL150		DIN PN10		PN16		JIS 10K		Top flange
DN mm	Inch			PCD	n-φd	PCD	n-φd	PCD	n-φd	PCD	n-φd	
50	2"	43	32	120.5	4-19	125	4-18	125	4-18	120	4-19	F05
65	2 2/1"	46	32	139.5	4-19	145	4-18	145	4-18	140	4-19	F05
80	3"	46	32	152.5	4-19	160	8-18	160	8-18	150	8-19	F05
100	4"	52	32	190.5	8-19	180	8-18	180	8-18	175	8-19	F07
125	5"	56	32	215.9	8-22.4	210	8-18	210	8-18	210	8-23	F07
150	6"	56	32	241.5	8-22.4	240	8-22	240	8-22	240	8-23	F07
200	8"	60	45	298.4	8-22.4	295	8-22	295	12-22	290	12-23	F10
250	10"	68	45	361.9	12-25.4	350	12-22	355	12-26	355	12-25	F10
300	12"	78	45	431.8	12-25.4	400	12-22	410	12-26	400	16-25	F10
350	14"	78	45	476.2	12-28.4	460	16-22	470	16-26	445	16-25	F10
400	16"	88	51	539.7	16-28.4	515	16-26	525	16-30	510	16-27	F14
450	18"	105	51	577.8	16-31.8	565	20-26	585	20-30	565	20-27	F14
500	20"	130	64	635	20-31.8	620	20-26	650	20-33	620	20-27	F14
600	24"	154	70	749.5	20-35.1	725	20-30	770	20-36	730	24-33	F16
700	28"	165	85	863.6	28-35.1	840	24-30	840	24-36	840	24-33	F25
800	32"	190	85	977.9	28-41.1	950	24-33	950	24-39	950	28-33	F25
900	36"	203	130	1085.8	32-41.1	1050	28-33	1050	28-39	1050	28-33	F25