



Butterfly Valve - Wafer / Lug Type

Product Overview

Valtrix make Wafer-Type Butterfly Valve is a compact, versatile flow-control solution designed for reliable shutoff and throttling in HVAC and industrial piping systems. Its streamlined wafer body ensures easy installation between flanges, while the precision-engineered disc and resilient seat deliver smooth operation and tight sealing. Built for durability and low torque operation, this valve provides long-lasting performance in chilled water, heating, ventilation, and general utility applications.



General Technical Specifications:

Parameter	Specification
Valve Type	Wafer Type Butterfly Valve
Sizes	DN 40 to DN 600 (1.5" to 24")
Pressure Rating	PN 10 / PN 16
Flange Compatibility	PN 16 / ANSI B16.5 Class 150
Flow Characteristic	Approximately Equal Percentage
Temperature Range	-10°C to +100°C (depends on seat material)
Operation	Lever / Gear / Pneumatic / Electric Actuator

Material Construction & Standards:

Component	Material Options	Material Standards (Typical)
Body	Cast Iron (CI)	IS 210 FG 260
Disc (Options)	Ductile Iron (DI)	EN-GJS-500-7
	SS304	ASTM A351 CF8
	SS316	ASTM A351 CF8M
Seat / Liner	EPDM	EN 681-1 / ASTM D1418
	NBR	ASTM D2000
	PTFE (Optional)	ASTM D4894
Stem / Shaft	SS410 / SS304 / SS316	ASTM A276 / AISI 410 / 304 / 316
Bushing	PTFE / Bronze	ASTM B505 (Bronze)
O-rings	NBR / EPDM	ASTM D2000 / EN 681-1
Fasteners (External)	SS304 / SS316	ASTM A193 / A194



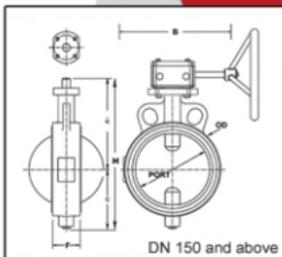
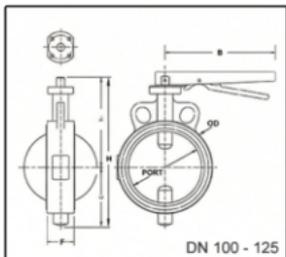
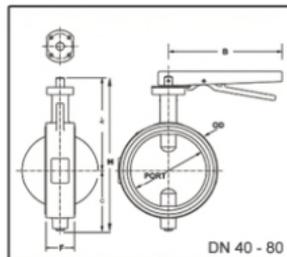
Performance Data:

Features	Details
Torque Requirement	Varies by size (available on request)
Leakage Class	Zero leakage (soft seat) per ISO 5208
Flow Coefficient (Cv/Kv)**	High Cv due to streamlined disc design
Vacuum Suitability	Yes (depending on seat)
Direction of Flow	Bi-directional

Testing Data:

Parameter	Specification
Hydrostatic Shell Test	1.1 x Rated Pressure
Seat Leakage Test	1.5 x Rated Pressure

Drawings:



Dimensions:

Size in mm	PORT	OD	C	A	H	B	F
40	34	80	58	90	163	190	80
50	40	92	64	99	163	190	92
65	48	104	74	104	190	210	104
80	56	115	77	126	200	230	115
100	74	140	89	147	220	250	140
125	82	166	108	163	260	290	166
150	96	192	114	188	290	320	192
200	129	245	152	216.5	325	375	245
250	160	292	180	242	375	395	292
300	194	337	203	284	400	440	337
350	224	386	222	306	420	470	386
400	257	438	248	342	470	525	438
450	314	494	309	375	497	546	494
500	340	554	349	375	497	546	554
600	476	627	370	375	497	546	624

Notes:

Product images are for reference only; actual products may differ based on model and manufacturing variations. Dimensions and specifications are subject to change as part of ongoing product improvements. Please verify all details prior to placing an order.