

Wafer Type Butterfly Check Valve



PRODUCT OVERVIEW

Body material:	Gray cast iron
Size range:	DN40 ~ 400mm
Pressure rating:	1.6MPa
Operating temperature:	0 ~ 80°C
End connection:	Wafer
Applicable medium:	Water
Mode of operation:	Manual
Applicable industry:	Water & Water treatment, Power generation, Pulp & Paper, Municipal, Heating & Ventilation
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

DESIGN FEATURES

1. This valve is a wafer connection valve, which is composed of valve body, valve clack, valve shaft, spring and other parts.
2. The clack of this valve is opened under the action of the flowing medium from bottom to top, i.e., the medium flows in from the inlet and flows out from the outlet. When the inlet pressure is lower than the outlet pressure, the valve clack automatically closes under the combined action of the fluid pressure difference, spring force and the valve clack weight to prevent the medium from flowing back.

VALVE MATERIAL LIST

Part Name	Part Material
Valve body	Grey cast iron
Valve shaft	Carbon steel, stainless steel
Spring	Stainless steel
Valve clack	Chrome plated nodular cast iron

TECHNICAL SPECIFICATIONS

Model	DN	L	R	D	D ₀
DH77X-16	40	43	23.5	92	55
	50	43	28.5	107	65.5
	65	46	34.5	127	81
	80	64	44	142	95
	100	64	52.8	162	121
	125	70	66.5	192	148.3
	150	76	74.5	217	171
	200	89	87.5	272	225
	250	114	127	328	265
	300	114	147	378	310
	350	127	173	438	360
	400	140	198	489	410

