FERRETERIA Reina S.A.

KTS

WAFER TYPE BUTTERFLY VALVE

WITH IRON BODY OR STAINLESS STEEL TYPE 304 OR 316

Wafer type butterfly valve with iron body and optional disc (Iron or stainless steel type 304 or 316) (ASTM A126)
Ends: the butterfly valve is used for installation between flanges and is operated by lever or steering wheel
Pressures: 150 psi working pressure
Diameters: From 2 ", Up to 20"
Applications: Water, Hydrocarbons

Standless Steel PTFE Sealing Wafer Butterfly Valve is suitable for water supplying and draining,
Gas pipe as adjust flux and cut off medium in foodstuff, pharmacy, chemical industry, petroleum, electric power,
Light textile, paper making etc. with temperature≤120□, nominal pressure≤1.6Mpa.

The main characteristic such as:
1. Novel and reasonable design,special structure,light, Easy instllation and mintenance, It can be mounted wherever needed.
2. Tiny operative moment, quick 90 degrees on-off operation.
3. Minimized operating torque, energy saving.
4. Flow curve tending to straight line.Excellent regulation performance.
5. Long servie life. Standing the test of tens of thousands opening/closing operation.
6.Bubbles-tight sealing with no leakage under the pressure test.
7. Wide selection of materials, applicable for various medeium.
Size: DN40-600mm
Rating: PN10/16, ANSI125/150
Design Standard: API609.

FERRETERIA Reina S.A.

KTS

WAFER TYPE BUTTERFLY VALVE

WITH IRON BODY OR STAINLESS STEEL TYPE 304 OR 316

Material of main parts:

Body: Cast iron, ductile iron, stainless steel, cast steel (WCB) , GGG40
Disc: Monel, ductile iron, stainless steel, ductile iron with nylon coated
Seat: EPDM or NBR or PTFE
Stem: steel, SS416 or SS304, SS316
Body Flange Drilling Body: DIN2505; ANSI125/150; BS4504; JIS B2210;
Tope Flange: ISO5211
Face to Face: ISO5752; API609;MSS SP-67;GB12221
Test Inspection: API598; GB13927
Suitable Medium: Water, Sewage, Air, Oil, Salty, etc.
Operations: lever, Worm gear, Electric Actuator and Pneumatic

Adoption standard
Design standard: ISO10631-1994 OR BS EN593-1998
Flange connection dimension: ISO 7005-2 or BSEN1092-2002

Structure length: ISO5752-1988 or BS EN558-1
Pressure test: ISO5028-1993 or BS6755-I-1986
Butterfly valve seal material choice and apporpriate tempersture

Material variety	Neoprene	Styene rubber	EPDM	PTFE	Silicon rubber	Fluorine rubber
Resistance Hughes temperature	82℃	93℃	150℃	232℃	250℃	204℃
Resistance lowest temperature	-40℃	-40℃	-40℃	-268℃	-70℃	-23℃
Suitable working temperature	≤65℃	≤80℃	≤120℃	≤200℃	≤200℃	≤180℃