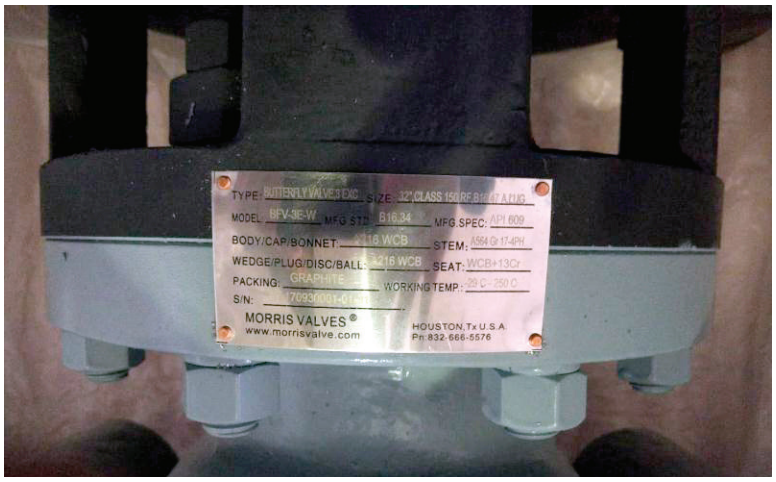
BFV-TEXC TYPE



CE APPROVED

SIZE:
NPS (3 – 64")

A. Design & Manufacture to Meet with:

a. API 609(Category B),ASME B16.34, Flanged, Wafer & Lugged Body.
Flanges meets with:
1. Wafer & Wafer Lugged:
  * Face to face: API 609.
  * End Flange Dimensions: ASME B16.5 & ASME B16.47.
2. Flanged:
  * Face to face: API 609/ ISO 5752 Ser. 13/ Ser. 14/ Ser. 8
  * Test: API 598.

EN 593, Flanged, Wafer and Lugged Body.
  * Flanges meets with EN 1092.
  * Face to face dimension: EN 558.
  * Test: EN 12266-1

B. Features:

- Achieve tight shut-off, zero leakage at temperatures as low as – 29 to 250 ° C.
  * Laminated seat valve: Zero leakage sealing in bi-directional (As per DIN class I or ANSI Class VI).
  * Integral seat valve: Bi-directional tight sealing (As per ANSI Class V).
- Triple Offset valves incorporate 3-way eccentricity. The metal seat is capable of very tight shut off at Temperatures up to +600°C.
- Excellent isolation function for gas and liquid.
- Takes up little space between flanges for its installation.
- Applicable to harsh working condition such as high temperature, high pressure and corrosive conditions.
- Welded stainless steel or stellite body seat, is specially designed for long service life.
- The seal ring is easy to be replaced and adjusted.
- Inherently fire safe design (Metal to Metal Seating Surface).
- Actuator.
  * Lever handle, Gear box and hand wheel, Electric Actuators, Pneumatic actuators.
- Accessories.
  * Local Position Indicator.
  * On-OFF Limit Switches.
- ISO 5211 square drive shaft for easy automation.
- CE/PED Certification, Per EN 10204-3.1 available for all the Sizes.

C. Usually used to shut off flow or Isolation functions in piping systems. Widely applied in the field of:

- Energy Industry (High temperature Applications).
  * Steam Plants in Geothermal Plants.
  * Thermo-Electric Generation Plants.
- Water supply and drainage.
- Sewage disposal.
- Industrial pipe lines with corrosive medium in:
  * Metallurgy.
  * Iron and Steel Plants.
  * Petro-Chemical Industry.

D. Main Parts and Materials, Basic Configuration.

ITEM	PART NAME	CARBON STEEL	STAINLESS STEEL	LOW TEMPERATURE Steel	HIGH TEMPERATURE Steel
1	Screw for bottom cover	8.8/B7	B8	B8/L7	B8/L7
2	Bottom cover	A105	304	304/LF2	304/LF2
3	Gasket	304+Graphite	304+Graphite	304+Graphite	304+Graphite
4	Clamping ring	1035	304	304	304
5	Lower bushing	SF-1	SF-1S/C95200	SF-1S/C95200	SF-1S/C95200
6	Body	WCB	CF8	LCB/LC1	LCB/LC1
7	Sealing ring	304+Graphite	304+Graphite	304+Graphite	304+Graphite
8	Retaining ring	A105	304	304/LF2	304/LF2
9	Screws on retaining ring	8.8/B7	B8	B8/L7	B8/L7
10	Upper Bushing	SF-1	SF-1/C95200	SF-1/C95200	SF-1/C95200
11	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite	Flexible Graphite
12	Studs for gland	8.8/B7	B8	B8/L7	B8/L7
13	Packing gland	WCB	CF8	CF8/LF2	CF8/LF2
14	Yoke	WCB	WCB/CF8	WCB/CF8	WCB/CF8
15	Shaft	410/420	304/17-4PH	410/17-4PH	410/17-4PH
16	Disc	WCB	CF8	LCB/LC1	LCB/LC1
17	Pin	410/420	304/17-4PH	410/17-4PH	304/XM-19

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