

## Wafer Style Signal Butterfly Valve (ZSXF-XXX-D)

### ◆ Application & Features:

Function: Realize on-off and flow control of piping system;

Application: Water supply and drainage, building firefighting system etc.

#### Features:

1. Simple structure, convenient operation;
2. Easy installation, good seal performance;
3. Long service life, high reliability;
4. Good part interchangeability;
5. Adopt the structure without pin so that the seal is more reliable;



### ◆ Operating Principles:

Control the rotation of sealed butterfly plate, and opening, closing, flow adjustment of the valve by rotating the hand wheel.

### ◆ Technical Specification:

Dimensions: DN50~DN250

Working Pressure: PN16

Working Temperature: -20℃~120℃

Fluid Medium: Water

Voltage: 220V AC

Flange Standard: GB/T 17241.6-2008 ISO5211: 2001

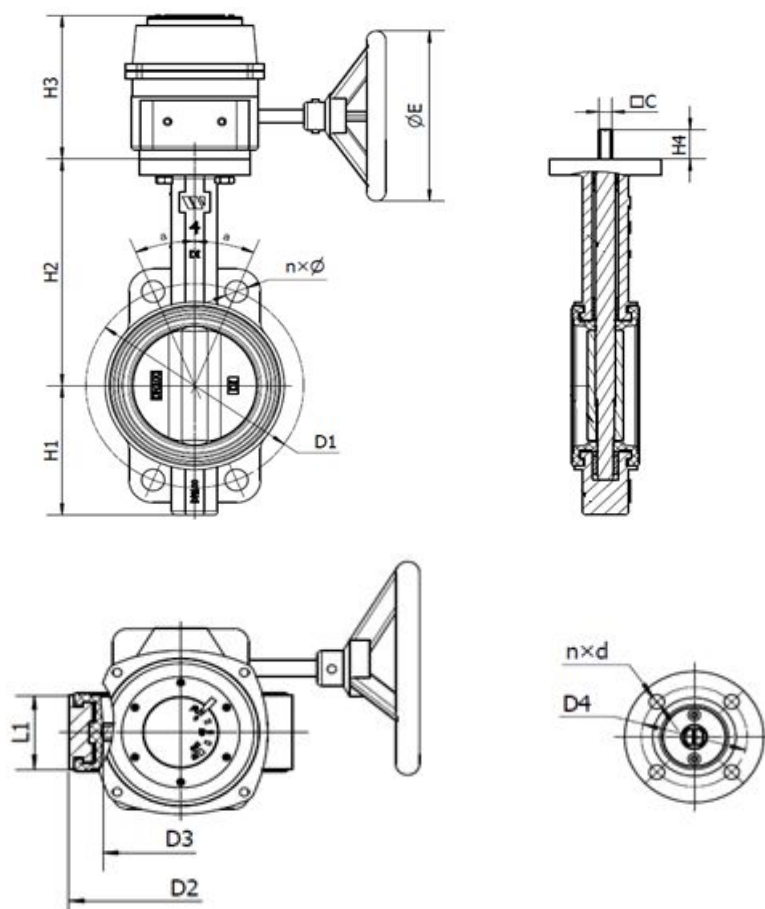
Structure Length Standard: GB/T 12221-2005

Test Standard: GB/T 5135.6-2003

### ◆ Parts-Materials:

Parts	Body	Disc	Seat	Stem
Materials	Ductile Iron QT450-10 Epoxy resin	Ductile Iron QT450-10 Epoxy resin	EPDM	Stainless Steel 431 (1Cr17Ni2)

**Dimensions:**



Size (DN)	Type	H1	H2	H3	H4	$\phi E$	L1	$\square C$	D1	$n \times \phi$	$\alpha$	D2	D3	D4	$n \times \phi d$
50	ZSXF-50-D	80	161	135	24	150	43	$\phi 9$	$\phi 125$	$4 \times \phi 19$	$45^\circ$	$\phi 89$	$\phi 51.7$	$\phi 70$	$4 \times \phi 10$
65	ZSXF-65-D	89	175	135	24	150	46	$\phi 9$	$\phi 145$	$4 \times \phi 19$	$45^\circ$	$\phi 105$	$\phi 63.3$	$\phi 70$	$4 \times \phi 10$
80	ZSXF-80-D	95	181	135	24	150	46	$\phi 9$	$\phi 160$	$4 \times \phi 19$	$22.5^\circ$	$\phi 120$	$\phi 77.7$	$\phi 70$	$4 \times \phi 10$
100	ZSXF-100-D	114	200	135	26	150	52	$\phi 11$	$\phi 180$	$4 \times \phi 19$	$22.5^\circ$	$\phi 148$	$\phi 103.1$	$\phi 70$	$4 \times \phi 10$
125	ZSXF-125-D	127	213	135	26	150	56	$\phi 14$	$\phi 210$	$4 \times \phi 19$	$22.5^\circ$	$\phi 170$	$\phi 122.2$	$\phi 70$	$4 \times \phi 10$
150	ZSXF-150-D	139	226	135	26	150	56	$\phi 14$	$\phi 240$	$4 \times \phi 23$	$22.5^\circ$	$\phi 203$	$\phi 154.9$	$\phi 70$	$4 \times \phi 10$
200	ZSXF-200-D	175	260	144	33	298	60	$\phi 17$	$\phi 295$	$4 \times \phi 23$	$15^\circ$	$\phi 255$	$\phi 201.3$	$\phi 102$	$4 \times \phi 12$
250	ZSXF-250-D	203	292	144	26	298	68	$\phi 22$	$\phi 355$	$4 \times \phi 28$	$15^\circ$	$\phi 303$	$\phi 249.4$	$\phi 102$	$4 \times \phi 12$

**Typical Applications:**

Firefighting piping system

**Installation:**

- (1) The valve's rated parameters should match the equipment's. Make sure that the valve's rated flow satisfies the actual demand.
- (2) The installer must be trained or experienced so as to operate the installation correctly.
- (3) A thorough check after installation is needed to ensure no errors.
- (4) A thorough cleaning before installation is needed (chemical reagent can be applied if it is necessary) to ensure that there is not any rusting or dirt in the pipe. All the filters must be removed before washing

to keep the pipe smoothly open.

(5) When beginning to wash the system, it is suggested to install the valve on a temporary pipe. After finishing system cleaning, then move the valve back and install it on the system's pipe.

(6) This product should not be used when the fluid medium has high viscosity (contains much grease or mineral oil), or under corrosive circumstances.

(7) Use flanges and fasteners that meet the standards to connect the valve.