

Non-Rising Stem Signal Resilient Wedge Gate Valve (ZSXF-XXX-Z)

◆ Application & Features:

Function: Realize on-off of piping system;

Application: Firefighting system;

Features:

1. Small fluid resistance;
2. Unrestricted medium flow direction;
3. Good seal performance;
4. Saving installation space;
5. The surface is coated with red epoxy;
6. Electrical signal transmission and real-time monitoring water supply line;



◆ Operating Principles:

The valve stem nut installed on the wedge disc drives wedge disc lifting through the rotation of the valve stem, valve stem itself does not do lifting movement.

◆ Parts-Materials:

Parts	Body	Bonnet	Stem	Disc
Materials	Ductile Iron Coated with Epoxy	Ductile Iron Coated with Epoxy	Stainless Steel 20Cr13	Ductile Iron Coated with EPDM

◆ Technical Specification:

Dimensions: DN50~DN250

Working Pressure: PN16

Working Temperature: 0~80℃

Fluid Medium: Water

Design Standard: GB/T12221-2005

Test Standard: GB5135.6-2003

Voltage Rating: 220V AC

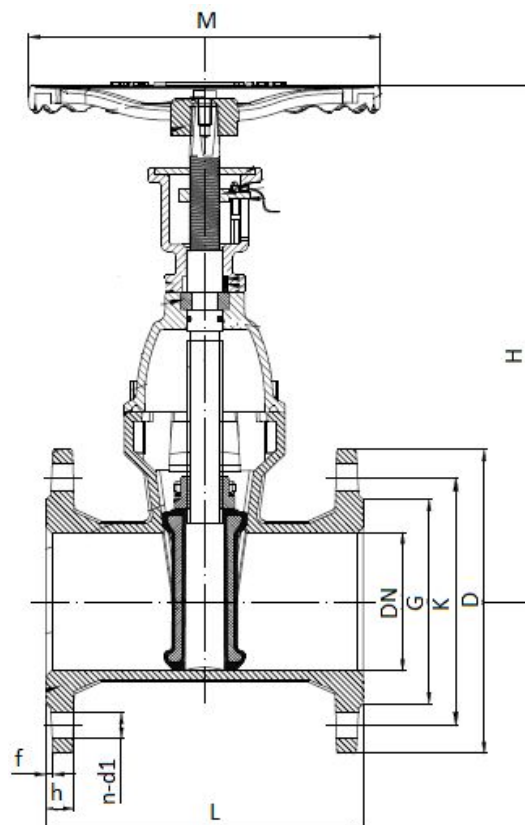
Maximum Working Voltage: 250V AC

Current Rating: 3A

Protection Class: IP54

◆ Dimensions:

Connection Dimension: GB/T 17241.6-2008;



DN	L	H	ØM	D	K	G	h	f	n-Ød
50	190	301	203	165	125	99	19	3	4-Ø19
65	190	301	203	185	145	118	19	3	4-Ø19
80	203	338	203	200	160	132	19	3	8-Ø19
100	229	385	203	220	180	156	19.5	3	8-Ø19
125	254	414	280	250	210	184	19.5	3	8-Ø19
150	267	471	280	285	240	211	19.5	3	8-Ø23
200	292	585	330	340	295	266	21	3	12-Ø23
250	330	737	382	406	355	319	24	3	12-Ø28

◆ Typical Applications:

1. Water plants and Water engineering
2. Environmental protection
3. Municipal facilities
4. The construction industry

◆ 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.