

Rising Stem Resilient Wedge gate valve

W-Z41X-16Q(DN50~DN400)

◆ Application:

The Watts series W-Z41X realize on-off of piping system, it's generally used in petroleum, chemical industry, metallurgy, water treatment, etc.

◆ Features:

1. Small fluid resistance;
2. Unrestricted medium flow direction;
3. Good sealing performance;
4. Interpretable opening degree.

◆ Working Principles:

Valve stem does lifting movement through the rotation of the hand wheel, and disc rises and falls through the stem lifting.



◆ Technical Parameters:

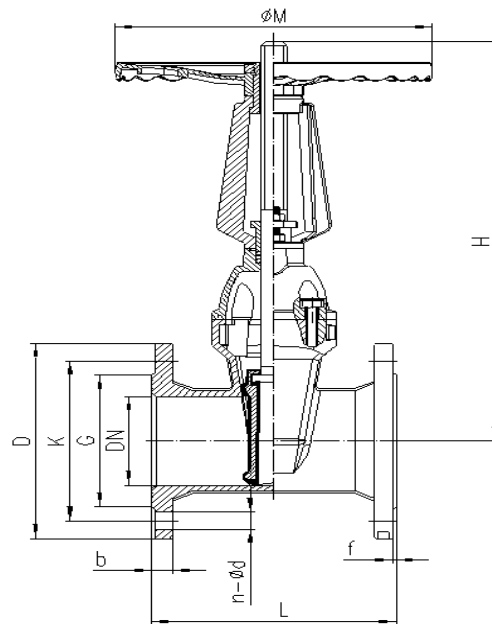
Nominal Diameter:	DN50~DN400
Nominal Pressure:	PN16
Working Temperature:	0~80℃
Working Medium:	Water
Design Standard:	GB/T12221-2005
Test Standard:	GB/T 13927-2008

◆ Material:

Part	Body	Bonnet	Stem	Disc
Material	Ductile Iron Coated with Epoxy	Ductile Iron Coated with Epoxy	Stainless Steel 20Cr13	Ductile Iron Coated with EPDM

◆ Dimensions:

Connect Dimensions: GB/T 17241.6-2008



DN	L	H	ØM	D	K	G	b	f	n-Ød
50	190	320	200	165	125	99	19	3	4-Ø19
65	190	320	203	185	145	118	19	3	4-Ø19
80	203	380	203	200	160	132	19	3	8-Ø19
100	229	454	203	220	180	156	19.5	3	8-Ø19
125	254	492	280	250	210	184	19.5	3	8-Ø19
150	267	592	280	285	240	211	19.5	3	8-Ø23
200	292	730	365	340	295	266	21	3	12-Ø23
250	330	914	401	406	355	319	24	3	12-Ø28
300	356	1071	456	460	410	370	26	4	12-Ø28
350	381	1260	456	520	470	429	26.5	4	16-Ø28
400	406	1420	667	580	525	480	28	4	16-Ø31

◆ Typical Application:

1. Water plant and Water source project;
2. Environmental protection;
3. Municipal facilities;
4. Construction industry.

◆ Installation Instructions:

- (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, move the valve back and install it on the system's pipe;

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- (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 flange and the corresponding bolts that meet the standard to connect the valve.