

# Non-rising Stem Resilient Seated Gate Valve (W-405)

### ◆ Application:

Function: Realizing piping system connection and cut-off;  
Applications: Petroleum, chemical, metallurgy, water treatment, etc.;

### ◆ Features:

1. Low fluid resistance;
2. Unrestricted media flow direction;
3. Good sealing performance;
4. Saving installation space;
5. Stainless steel;

### ◆ Working Principles:

The stem nut installed on the gate drives the gate to rise and fall by stem rotation while the stem itself does not rise or fall;

### ◆ Technical Parameters:

Nominal Diameter: DN50~DN400

Nominal Pressure: PN16

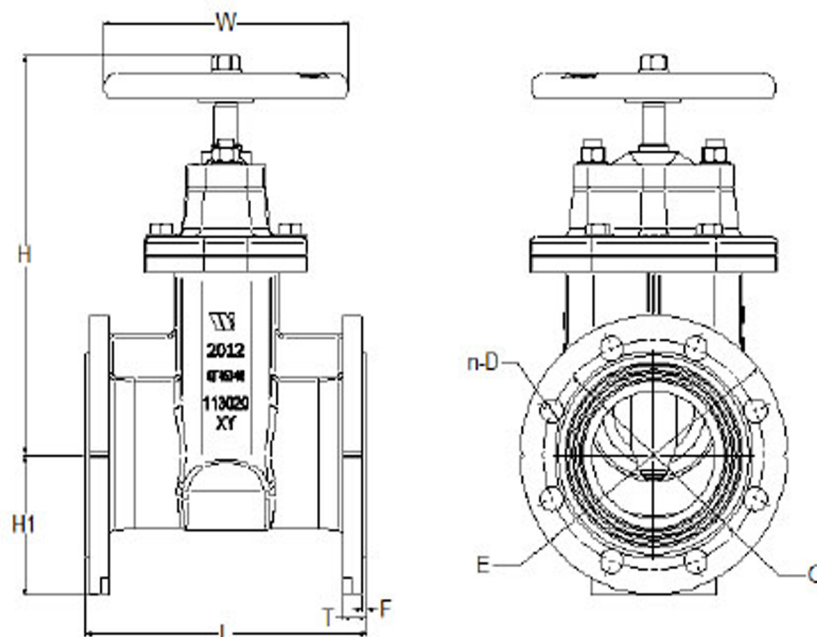
Working Temperature: 0~80°C

Working Medium: Water

### ◆ Main part material:

Part Name	Body	Cap	Stem	Disc
Material	Ductile Iron	Ductile Iron	Stainless steel	Ductile Iron/NBR

### ◆ Installation Dimensions:



Size DN	L	H	H1	W	C	n-D	E	T	F
50	178	233	123	203	125	4-φ19	165	19	3
65	190	233	93	203	145	4-φ19	185	19	3
80	203	270	100	203	160	8-φ19	200	20	3
100	229	322	110	203	180	8-φ19	220	20	3
125	254	355	125	280	210	8-φ19	250	20	3
150	267	401	143	280	240	8-φ23	285	20	3
200	292	516	170	330	295	12-φ23	340	21	3
250	330	638	203	382	355	12-φ28	406	26	3
300	356	717	230	420	410	12-φ28	460	26	4
350	381	844	260	420	470	16-φ28	520	26.5	4
400	406	935	282	420	525	16-φ31	580	28	4

#### ◆ Typical Applications:

1. Water plant, water plant of water source project
2. Environment protection
3. Municipal facilities
4. Electric utilities
5. Construction industry
6. Petroleum & chemical industry
7. Iron & steel
8. Papermaking industry

#### ◆ Installation & Operating Instructions:

- (1) Compare rated parameters required by the equipment with those indicated on the product to ensure that rated flow of the product meets the application requirements;
- (2) Installation personnel must be trained and experienced to ensure that the installation work is completed smoothly;
- (3) A thorough inspection must be conducted after installation to ensure that the installation is correct;
- (4) In order to ensure that no accidents will happen during installation, piping system must be thoroughly cleaned before installation of the product (and if necessary, chemical reagent must be used) to ensure that the piping system is clean, rust free and free from dirt, and all filter devices must be removed before flushing to ensure that the pipe is unobstructed;
- (5) We recommend that you install a temporary pipe in the place where pipe is installed for the equipment when you are performing initial cleaning on the system and install the equipment onto the pipe as soon as the flushing has been completed;
- (6) Do not use the equipment in places where there are media containing grease or mineral oil and other high viscosity or corrosive media;
- (7) Use flanges and corresponding bolts conforming to relevant standards for tightening;