Rising Metal Seated Gate Valve (W-Z41H-25C)

Application:

The Watts W-Z41H Rising Metal Seated Gate Valve is designed to realize the on-off of pipeline system. It's generally used in petroleum, chemical engineering, metallurgy and water treatment, etc.

Features:

1. Small fluid resistance;
2. Large range of applicable pressure and temperature;
3. Unrestricted medium flow direction;
4. Good sealing performance;
5. Interpretable lifting height of disc.

Operating Principles:

The valve stem lifts through the rotation of hand wheel, and the valve disc lifts through the lifting of stem.

Technical Specification:

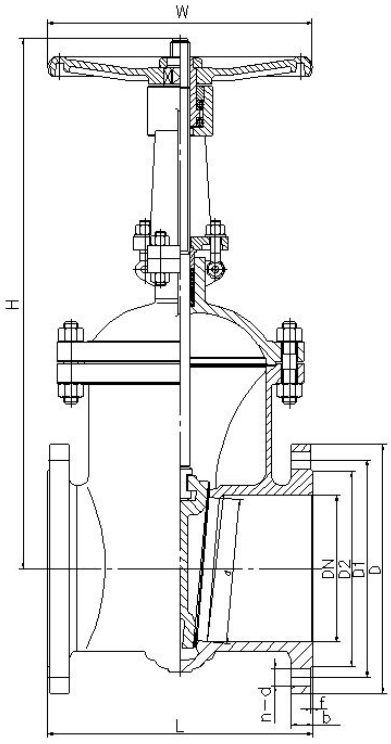
Nominal Diameter:	DN50～DN500
Nominal Pressure:	PN25
Working Temperature:	-29℃～425℃
Fluid Medium:	Water, oil and gas
Test Standard:	GB/T 13927-2008

Material:

Part	Body	Bonnet	Stem	Sealing Seat
Material	Carbon Steel with Spray Paint	Carbon Steel with Spray Paint	Stainless Steel	Alloy

Installation Dimensions:

Connection Dimension: GB/T 9113;



Size(DN)	L	D	D1	D2	b	f	n-d	H	W
50	230	165	125	99	20	2	4-18	370	220
65	265	185	145	118	22	2	8-18	390	250
80	280	200	160	132	24	2	8-18	440	280
100	300	235	190	156	24	2	8-23	500	300
125	325	270	220	184	26	2	8-25	595	320
150	350	300	250	211	28	2	8-25	640	350
200	400	360	310	274	30	2	12-25	765	400
250	450	425	370	330	32	2	12-30	905	450
300	500	485	430	389	34	2	16-30	1055	500
350	550	555	490	448	38	2	16-33	1210	550
400	600	620	550	503	40	2	16-36	1320	600
450	650	670	600	548	46	2	20-36	1500	650
500	700	730	660	609	48	2	20-36	1625	700

Typical Application:

1、 Water plant and water source project;
2、 Environmental protection;
3、 Municipal facilities;
4、 Electric power and utilities;
5、 Construction industry;
6、 Petroleum & Chemical industry;
7、 Steel & Metallurgy;
8、 Papermaking 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;
(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.