

ANSI Wafer Knife Gate Valve

Gate Valve

Size : 2"-24"

Pressure : 150LB

Temp : ≤ 150 °C

Media : Slurry、Powder、Fiber

Material : WCB/Cast Iron

Connection Type : Wafer

Feature:

1. Knife gate valve opening and closing part is the valve plate, the plate movement direction is perpendicular to the direction of the fluid. Knife gate valve can only be fully open and fully closed, can't be used for adjusted and the throttle.
2. The valve plate has two sealing surfaces. The two sealing surfaces of the most common gate valve forming the wedge, the wedge angle various according to the valve parameters, usually is 50. Wedge knife gate valve plate can be made into a whole part , called the rigid gate plate; also be made to that can produce small quantities of deformation in order to improve its production process, to make up the sealing surface angle deviations arising during processing, this plate called resilient plate. The seal can only rely on media pressure to seal, which rely on media pressure to ram pressure to the sealing surface of the other side of the seat to ensure the seal, which is self-sealing.

Product advantages:

1.Stainless steel parts

The inner parts are made of stainless steel to ensure the purity of the medium.

2.Long service life

It overcomes the defect that the traditional valve is easy to rust and corrode, and extends the service life.

3.Reliable, hygienic and anti-corrosion

The inner and outer surface of valve body, cover, battening and connecting plate is sprayed with epoxy resin.

4.Good performance

The valve stem material is stainless steel, the valve stem thread is rolled, the performance is excellent.

5.Simple and compact structure

It is characterized by simple and compact structure, reasonable design, reliable sealing, lightweight material and flexible operation.

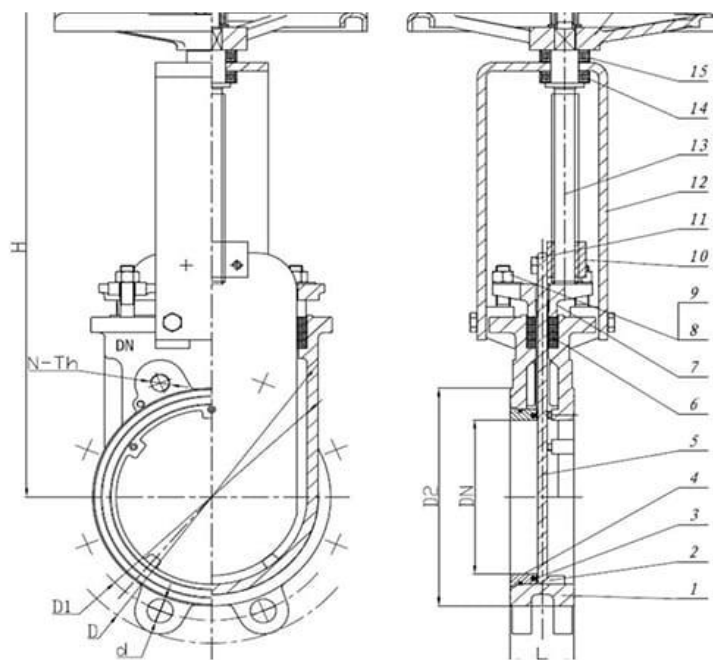
6.Easy to install and disassemble

Small volume, smooth passage, small flow resistance, light weight, easy to install, easy to disassemble

Application:

Paper, petrochemical, mining, drainage, food and other industries

PARAMETERS



DN	L	D	D1	D2	D0	N-Th	d	H
50	48	152	120	92	180	4-11	19	290
65	48	178	139	105	200	4-11	19	310
80	51	190	152	127	220	4-11	19	350
100	51	220	190	157	240	8-11	19	405

125	57	254	216	186	260	8-10	22	450
150	57	279	241	216	280	8-10	22	510
200	70	343	298	270	300	8-10	22	610
250	70	406	362	324	340	12-9	25	765
300	76	483	432	381	380	12-8	25	820
350	76	533	476	413	400	16-8	29	970
400	89	597	539	470	450	16-8	29	1024
450	89	635	578	533	530	16-8	32	1235