



Description:

Back seal of forged-steel gate valve is weld with stainless steel. So it has perfect sealing. Its maintenance is convenient. Widely used in petroleum, chemistry, water treatment, industries.

"H" type wedge: Gate valve has H type , flexible single wedge. It can compensate the distortion of body. So it has reliable sealing and prevent wedge against difficult operation because of overload. It is suitable for steam and other high temperature medium. Full port design: Gate valve has full port. So it is convenient to clear pipeline.

Changeable seat: Seat and body is connected with thread. So seat can be dismantled and changed, It is convenient to maintenance. Precise design Design the body and bonnet according to precise calculation. body and bonnet have high strength , rigid and flow ability.

Main part & material

Item Name of parts	Material	
1	Body	WCB, VF8
2	Seat	STEEL 25+F211 or CF8
3	Wedge	WCB(Precise cast)+F321
4	Stem	1Cr13 , 2Cr13
5	Gasket	Graphite+1Cr18Ni9Ti
6	Bonnet	WCB,CF8
7	Packing	Flexible graphite
8	Stem nut	ASTM A349 GR D2
9	Hand wheel	KTH300-8



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PRODUCT - GATE VALVE

Socket End Gate Valve

Technical Specification

- Nominal diameter: 2"-24"
- Applicable Temperature: -29 °C ~425 °C (steel)-40 °C ~-550 °C (stainless steel)
- Nominal pressure: 150Lb 300Lb 600Lb 900Lb 1500Lb
- Applicable Medium: water gas oil and other causticity medium.

Applications Standard

- Manufacture standard : ANSI B16.34
- Face to face dimension: ANSI B 16.10
- Flange dimension: ANSI B 16.5.MSS-SP-44
- Test: API 598. API 6D

Main external and connection dimension

CLASS150													
size(in)	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L,RF(mm)	178	191	203	229	267	292	330						
L1-BW(mm)	216	241	283	305	403	419	457	502	572	610	660	711	813
L2-RTJ(mm)	191	203	216	241	279	305	343	368	394	419	445	470	521
H(mm)	400	490	510	585	795	1015	1230	1465	1755	2030	2210	2510	2880
K(mm)	200	200	250	300	350	350	400	450	500	500	600	750	750