

Technical Data:**Gate Valve Design Description:**

Bolted Bonnet
 Outside Screw and Yoke
 Wedge Disc
 Rising Stem
 Handwheel
 Renewable Seat Ring
 Flanged Ends (Type A61, A62, A64)

Applicable Class 150, 300, 600 Standards

Steel Gate Valve	:	API 602
Steel Valves	:	ANSI B16.34
Face to Face	:	ANSI B16.10
End Flanges	:	ANSI B16.5

Face to Face
 Class 150 According to Class 300

Test Pressure	Class 150	Class 300	Class 600
Shell (by Water)	450psi	1125psi	2225psi
Seat (by Water)	315psi	815psi	1630psi
(by Air)	60-100psi	60-100psi	60-100psi

Material Specification:

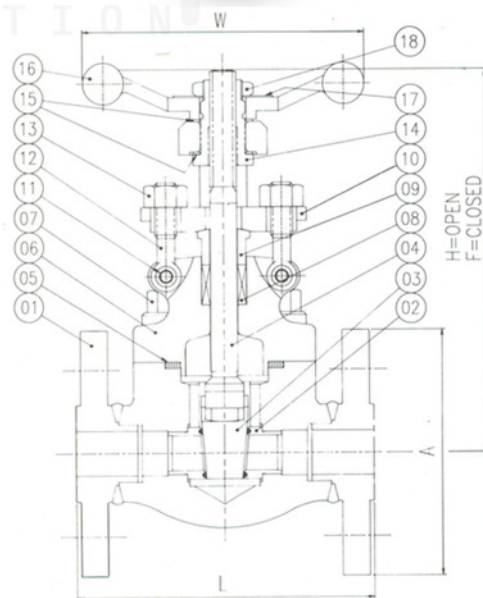
Part No.	Part Name	Material
1	Body	ASTM A105
2	Seat	ASTM A276-410+STL#6
3	Wedge	ASTM A276-420J2
4	Stem	ASTM A276-410
5	Bonnet Gasket	Asbestos or Grafoil
6	Bonnet	ASTM A105
7	Bonnet Bolt	ASTM A193-B7
8	Packing Ring	Asbestos or Grafoil
9	Gland	ASTM A276-410
10	Gland Flange	ASTM A181
11	Pin	ASTM A276-410
12	Gland Bolt	ASTM A193-B8
13	Gland Nut	ASTM A194-2H
14	Stem Nut	ASTM A276-410
15	Washer	ASTM A176-430
16	HandWheel	ASTM A536
17	Name Plate	ASTM A666-304
18	HandWheel Nut	ASTM A36

Applications:

- Long service life in severe conditions
- Reliable tight shut-off
- High pressure capability
- Solid Wedge or Flexible Wedge Disc
- Temperature Capability

Suitable for				
Steam	Water	Oil	Air	Gases
•	•	•	•	•

Note: It may varies in usage, please consult a Technical Engineer for appropriate materials.

**Dimension:**

Class 150						Type: A61	Class 300					Type: A62	Class 600					Type: A64
Size	A	F	H	L	W	Wtg.(kg)	A	F	H	L	W	Wtg.(kg)	A	F	H	L	W	Wtg.(kg)
1/2"	89	143.1	160	140	102	3.6	95	143.1	160	140	102	3.8	95	143.1	160	165	89	4.0
3/4"	98	143.1	160	152	102	3.8	117	143.1	160	152	102	5.0	117	143.1	160	190	89	5.0
1"	108	167.3	190	165	121	6.4	124	167.3	190	165	121	7.2	124	167.3	190	216	102	7.7
1-1/2"	127	217.5	252	190	146	10.9	156	217.5	252	190	146	13.6	156	217.5	252	241	146	14.7
2"	152	237.3	280	216	178	15.2	165	237.3	280	216	178	17.7	165	237.3	280	292	178	19.5