

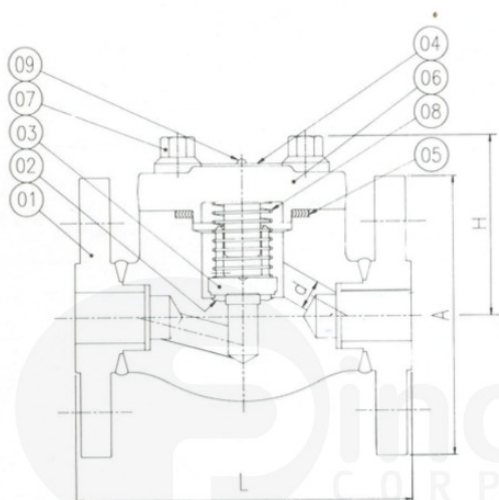
Technical Data:

Gate Valve Design Description:

Bolted Cap
Horizontal Piston Type
Integral Seat
Flanged Ends (Type A61, A62, A64)

Applicable Class 150, 300, 600 Standards

Steel Valves : ANSI B16.34
Face to Face : ANSI B16.10
End Flanges : ANSI B16.5



Applications:

- Forged Steel Body Construction
- High Pressure & Temperature Rating
- Self-Actuating Operation
- Tight Shut-Off
- Compact and durable construction

Material Specification:

Part No.	Part Name	Materials
1	Body	ASTM A105
2	Seat Facing	Stellited #6
3	Disc	ASTM A276-420J2
4	Name Plate	ASTM A666-304
5	Cap Gasket	Asbestos or Grafoil
6	Cap	ASTM A105
7	Cap Bolt	ASTM A193-B7
8	Spring	SUS304
9	Name Plate Screw	ASTM A666-304

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

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

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

Dimension:

Class 150					Class 300					Class 600				
Type: C61					Type: C62					Type: C64				
Size	A	H	L	Wts. (kg)	A	H	L	Wts. (kg)	A	H	L	Wts. (kg)	A	H
1/2"	89	49	152	1.9	95	49	152	2.3	95	49	165	2.4	95	49
3/4"	98	54	178	2.8	117	54	178	3.5	117	54	190	3.3	117	54
1"	108	73	203	3.3	124	73	203	5.4	124	73	216	5.1	124	73
1-1/2"	127	101	229	10.2	156	101	229	11.9	156	101	241	12	156	101
2"	152	120.5	267	12.6	165	120.5	267	16.2	165	120.5	292	16.7	165	120.5