



TM

# Uni-Tech Valves & Pneumatics

## ISO 9001 - 2008

### GATE VALVE

**MODEL NO : UTGTV**

### REFERENCE STANDARDS

Design	: ASME B16.34 / API 600
Face to Face	: ASME B16.10
Flange	: ASME B16.5 / ASME 16.47
Testing	: API 598/EN 12666 Part 1
Pr & Temp Rating	: ANSI B16.34

### DESIGN FEATURES

Pressure Class	: ASA 150#/300#
End Connection	: Flanged End/ Screwed

### TECHNICAL SPECIFICATION

Body	: ASTM A 216 Gr. WCB/ A351 Gr.CF8 / CF8M
Seat Ring	: AISI SS304 / SS316 / 13%CR. / Stellite Deposition
Wedge	: ASTM A216 Gr. WCB / A351 Gr. CF8 / CF8M 13%CR./Stellite Deposition
Spindle/Stem	: AISI SS304 / SS316 / SS410
Gasket	: SSPW / CAF
Bonnet	: ASTM A216 Gr. WCB / A351 Gr. CF8 / CF8M
Bonnet Stud & Nut	: ASTM A193 Gr. B7 / A194 Gr. 2H / B8.8
Bonnet Bush	: AISI SS304 / SS316 / SS410
Gland Packing	: Asbestos / Non Asbestos / PTFE / Graphoil
Gland Flange	: ASTM A 216 Gr. WCB/ A351 Gr. CF8/CF8M
Hand Wheel	: Cast Iron / Malleable Iron /CS/ Stainless Steel
Hand Wheel Nut	: Carbon Steel / Stainless Steel

### APPLICATIONS

Oil, Gas & Water  
Steam  
Petrochemicals  
Upto 400°C



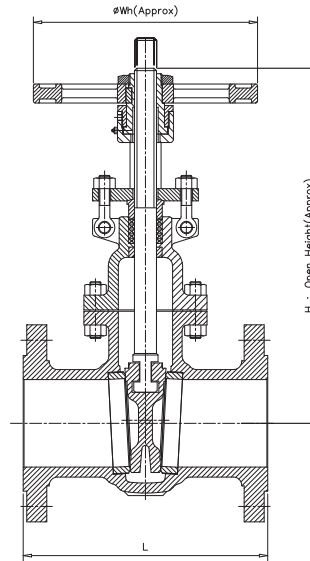
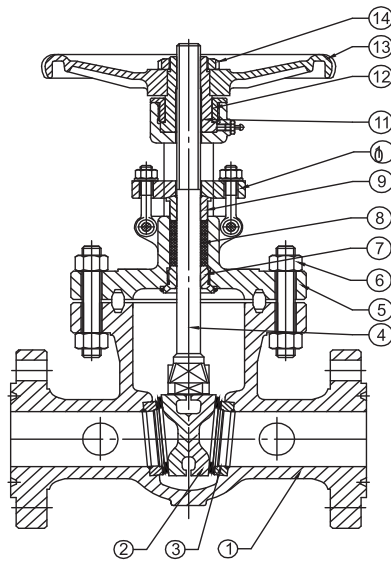
MANUAL



PNEUMATIC



MOTORIZED



Sr. No.	Part Name
1	Body
2	Wedge
3	Seat
4	Stem
5	Bonnet
6	Hardwares
7	Back Seat
8	Packing
9	Gland
10	Gland Flange
11	Yoke Sleeve / Stem Nut
12	Yoke Sleeve Retainer
13	Handwheel
14	Handwheel Nut

DIMENSIONS (MM) #150						
NPS	DN	L	H	W	PCD	NO OF HOLES
2"	50	178	360	200	121	4
2-1/2"	65	190	425	220	140	4
3"	80	203	443	220	153	4
4"	100	229	577	250	191	8
6"	150	267	790	300	242	8
8"	200	292	1013	350	299	8
10"	250	330	1215	400	362	12
12"	300	356	1246	450	342	12
14"	350	381	1524	450	476	12
16"	400	406	1677	500	540	16
18"	450	432	1900	500	578	16
20"	500	457	2113	500	635	20
24"	600	508	2113	500	750	20

DIMENSIONS (MM) #300						
NPS	DN	L	H	W	PCD	NO OF HOLES
2"	50	216	368	220	127	8
2-1/2"	65	241	437	250	150	8
3"	80	282	485	250	169	8
4"	100	305	592	300	200	8
6"	150	403	815	400	270	12
8"	200	419	1053	450	331	12
10"	250	457	1260	450	388	16
12"	300	502	1260	450	451	16
14"	350	762	1600	450	515	20
16"	400	838	1849	600	572	20
18"	450	914	204	600	629	24
20"	500	991	2113	650	689	24
24"	600	1143	2410	650	813	24

## SAILENT FEATURES

- Rigid and Sturdy design with minimum loss of ahead across the valve
- Perfect Interchangeability of components
- Assured Parallelism of components
- Assured equal taper on both sides of the wedges.
- Perfect Machining and pressing of body and wedge face ring.
- Excellent finish on spindle threads resulting in low friction and smoother operation of valves.
- Long service life and leak Tightness even after thousand of open/closed cycles.

## Uni-Tech Valves & Pneumatics

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