



MODENTIC

CONTROL VALVES

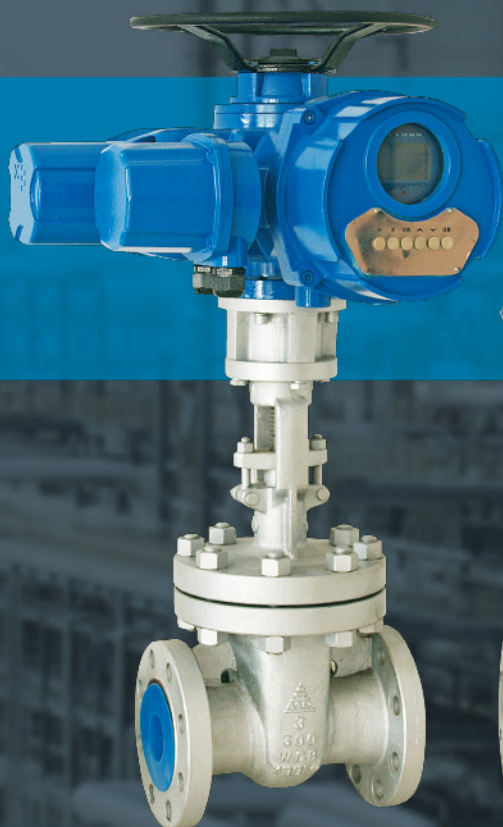
CLASS150–CLASS2500

2"–48"

Pneumatic Actuated Gate Valve

Electric Actuated Gate Valve

API6D/API600/API603/ASME B16.34



Gate Valve



MODENTIC VALVE CORP.(NANJING)



MODENTIC

With a history of new product development and innovation that dates back to the company's inception in 1982, Modentic Group provides the products in a broad range of materials, sizes and pressure classes. Focused on various industrial sectors including Power Generation, Petroleum Refining, Oil & Gas, Food & Pharmacy and Commercial Construction, Modentic's highly engineered product solutions are widely specified and used throughout the world.

Partner with Modentic, you have chosen the reliable company of the valve design and engineering, we guarantee the durability and consistent quality of our products. The manufacturing documentation are always provided very detailed to ensure the traceability and easy maintenance, you never have to worry about the products do not perform as expected. We want you to be a life long partner of our dedicated work team, and we welcome your feedback about our performance all the time, which is an important extra value for our company.

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CERTIFICATE



ISO9001



API6D



API609

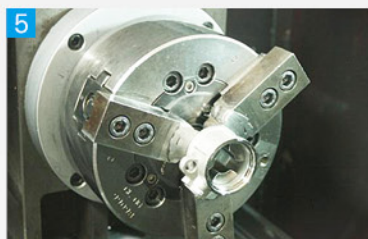


TS

Product range

API607 Fire Safe Ball Valves
Metal Seated Ball Valves
High Pressure Forged Ball Valves
API6D Trunnion Mounted Ball Valves
API609 Butterfly Valves
API6D/API600/API603 Gate/Check Valves
Bs1873 Globe Valves
Pneumatic Actuated Valve
Electric Actuated Valves

In-house Quality Assurance on Highest Level



1. PMI
2. Dimension Examination
3. MT
4. Neutral Salt Spray Testing
5. Precision Machining
6. Fire Testing
7. Pressure Testing
8. Laser Marking
9. UT
10. Hardness Testing

Modentec's quality assurance is dedicated to supplying zero defect valves to customers with reliable service life.

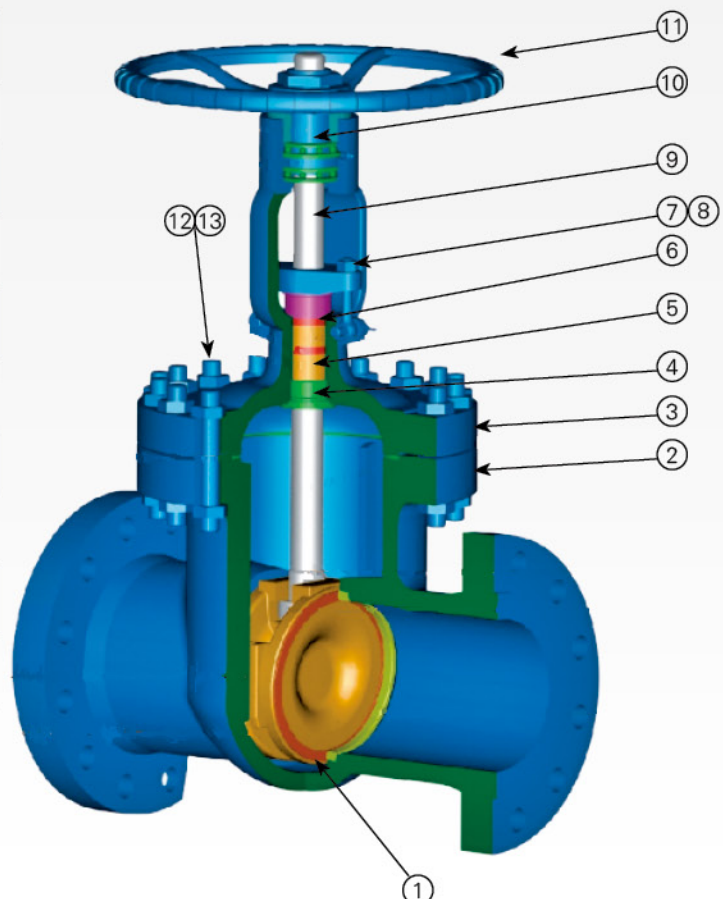


■ GATE VALVE GTF/GTB (Flanged End/Butt weld End)

For the wedge is a shutter which moves vertically to the fluid body, the gate valve is mainly used for the function of shutting off. Normally, gate valve is selected by some shutoff devices which port is more than or equal to 50mm, and some small sized devices are also included. Gate valve, which is popular for its low level, has following features.

1. Low flow resistance and minor erosion and corrosion of medium on the sealing surface.
2. Labor saving when open or close.
3. Unrestricted flow of medium.
4. Simple outline and fine manufacturability.

No	Part Name	Material
1	Wedge	WCB, LCC, WC6, CF8
2	Body	WCB, LCC, WC6, CF8
3	Bonnet	WCB, LCC, WC6, CF8
4	Back Seat	420, 304, 316
5	Packing	Flexible Graphite
6	Packing	316+Graphite
7, 8	Eye Bolt/Nut	B7/2H, L7/7, B16/4, B8/8
9	Stem	F6a, F304, F316
10	Stem Nut	D-2
11	Handwheel	Ductile Iron
12, 13	Bonnet Bolt/Nut	B7/2H, L7/7, B16/4, B8/8



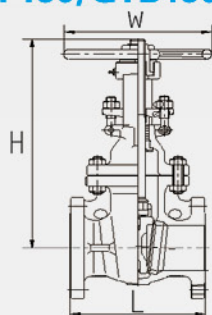
Sealing Face:

13Cr/13Cr, 304/304, 13Cr/STL#6, STL#6/STL#6

Gate Valve

GATE VALVE Class 150 GTF150/GTB150

Valve design according to API600
Bolted bonnet
Outside Screw and Yoke
Back seat screw connection
Rising stem, non-rising handwheel
Flexibility Wedge

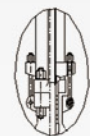
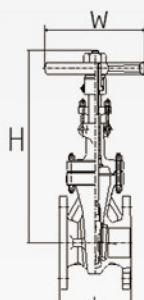


NPS	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"	40"	42"	48"
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750	800	900	1000	1050	1200
L (RF)	in	7	7.5	8	9	10	10.5	11.5	13	14	15	16	17	18	20	22	24	24	26	28	30	31	34
	mm	178	191	203	229	254	267	292	330	356	381	406	432	457	508	559	610	610	660	711	762	787	864
L1 (BW)	in	8.5	9.5	11.12	12	15	15.88	16.5	18	19.75	22.5	24	26	28	32	34	36	36	38	40	42	43	46
	mm	216	241	283	305	381	403	419	457	502	572	610	660	711	813	684	914	914	965	1016	1067	1092	1168
W	in	8	8	10	12	12	12	14	16	18	20	22	24	27	30	24	24	24	24	24	24	32	32
	mm	200	200	250	300	300	300	350	400	450	500	550	600	680	760	610	610	610	610	610	610	610	610
H	in	15.2	17.1	18.9	23	26.8	30.1	37.6	45.2	53.2	59.4	67	74.5	83.4	98.4	110	117	124	129	146	157	190	233
	mm	386.5	434.5	480.5	584.5	681	765	956	1149	1350.5	1508	1703	1892	2119	2500	2806	2960	3148	3281	3721	3980	4820	5920
WT (RF)	Kg	19	26	35	49	64	81	127	204	291	400	486	610	788	1144	1570	1900	2540	2958	3380	4815	5300	7110
WT (BW)	Kg	15	18	26	41	58	69	108	156	248	365	482	587	752	1178	1521	1838	2261	2490	3310	4840	5275	7050

Remark: Sizes above 48", please contact our sales department or technical department.

GATE VALVE Class 300 GTF300/GTB300

Valve design according to API600
Bolted bonnet
Outside Screw and Yoke
Back seat screw connection
Rising stem, non-rising handwheel
Flexibility Wedge



12 and Larger



12 and Larger GEAR OP

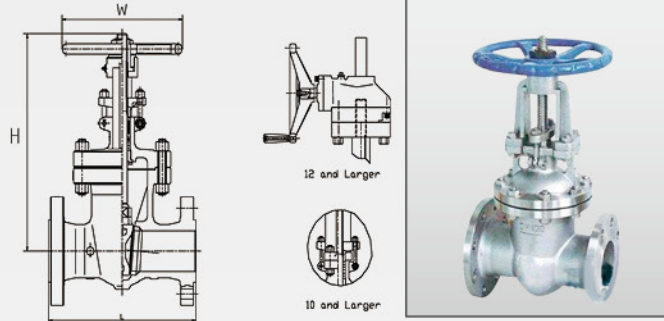


NPS	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"	40"	42"	48"
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750	800	900	1000	1050	1200
L-L1 (RF-BW)	in	8.5	9.5	11.12	12	15	15.88	16.5	18	19.75	30	33	36	39	45	49	53	55	60	68	76	78	88
	mm	216	241	283	305	381	403	419	457	502	762	838	914	991	1143	1245	1346	1397	1524	1727	1930	1981	2235
L1 (BW)	in	8	8	10	10	12	14	16	18	20	22	24	24	24	24	24	24	24	32	40	40	40	40
	mm	200	200	250	250	300	350	400	450	500	550	600	610	610	610	610	610	610	810	1000	1000	1000	1000
W	in	16.1	17.8	20	24.1	26.4	31.7	39.4	47.6	55.7	62.3	67.9	77.1	86.4	102.3	117.6	122.8	126.2	145.4	161.6	179	186.6	211.5
	mm	410	453	509	612	670	805	1000	120.9	1416	1582	1725	1959	2194	2598	2986	3120	3205	3692	4104	4547	4739	5373
H	Kg	26	35	52	75	102	147	235	350	472	683	950	1145	1634	2660	3090	3312	3597	4850	6850	8460	9500	12400
	Kg	17	26	52	74	102	113	164	344	486	565	805	1058	1412	2304	2540	2725	3057	4122	4990	6160	6800	9000
WT (RF)	Kg	19	26	35	49	64	81	127	204	291	400	486	610	788	1144	1570	1900	2540	2958	3380	4815	5300	7110
WT (BW)	Kg	15	18	26	41	58	69	108	156	248	365	482	587	752	1178	1521	1838	2261	2490	3310	4840	5275	7050

Note: Sizes above 48", please contact our sales department or technical department.

GATE VALVE Class 600 GTF600/GTB600

Valve design according to API600
Bolted bonnet
Outside Screw and Yoke
Back seat screw connection
Rising stem, non-rising handwheel
Flexibility Wedge

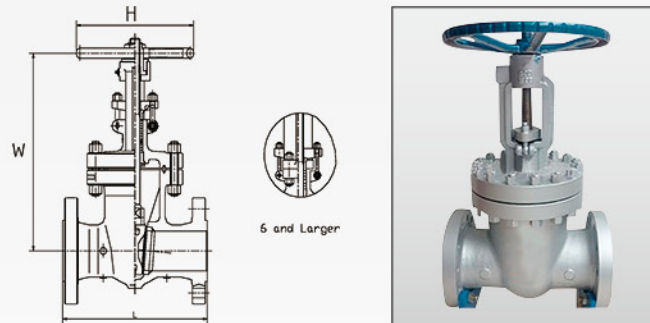


NPS	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"	40"	42"	48"
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750	800	900	1000	1050	1200
L-L1 (RF-BW)	in	11.5	13	14	17	20	22	26	31	33	35	39	43	47	55	57	61	65	70	82	90	96	100
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397	1448	1549	1651	1778	2082	2286	2438	2540
L2 (RTJ)	in	11.62	13.12	14.12	17.12	22.12	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38	57.5	61.5	65.5	70.6	82.6	-	-	-
	mm	295	333	359	435	511	562	663	790	841	892	994	1095	1200	1407	1461	1562	1664	1794	2098	-	-	-
W	in	8	10	10	12	16	18	20	24	27	24	24	24	24	24	32	40	40	40	40	42	42	42
	mm	200	250	250	300	400	450	500	600	680	610	610	610	610	610	810	1000	1000	1000	1000	1200	1200	1200
H	in	16.5	18.7	20.4	25.4	30.3	33	40.3	48.4	57.1	62	70.7	76.02	86.9	102	124	133	140	150	168	184	194	231
	mm	418	476	518	646	770	839	1024	1229	1450	1574	1797	1931	2207	2562	3150	3362	3549	3811	4260	4670	4921	5876
WT (RF)	Kg	39	52	68	120	170	273	402	610	902	1245	1530	2030	2735	3620	5220	6050	6945	8312	10000	14300	16460	22900
WT (BW)	Kg	28	42	55	84	125	204	337	548	905	974	1345	1730	2415	3017	4295	4980	5710	6834	8220	11755	13530	18824

Note: Sizes above 48", please contact our sales department or technical department.

GATE VALVE Class 900 GTF900/GTB900

Valve design according to API600
Bolted bonnet
Outside Screw and Yoke
Back seat screw connection
Rising stem, non-rising handwheel
Flexibility Wedge

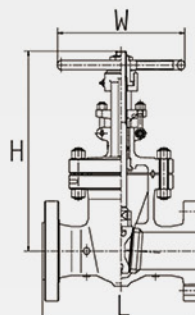


NPS	in	2"	2-1/2"	3"	4"	5"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	36"
DN	mm	50	65	80	100	125	200	250	300	350	400	450	500	600	650	700	750	800	900
L-L1 (RF-BW)	in	14.5	16.5	15	18	24	29	33	38	40.5	44.5	48	52	61	65	70	74	78	87
	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549	1664	1778	1892	2004	2232
L2 (RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88	48.5	52.48	61.73	-	-	-	-	-
	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1333	1568	-	-	-	-	-
W	in	10	10	12	14	20	24	24	24	24	24	32	40	40	40	40	47	47	47
	mm	250	250	300	350	500	600	610	610	610	610	810	1000	1000	1000	1000	1200	1200	1200
H	in	19.6	21.5	22.6	26.7	35.4	43.4	53	59.8	74.9	80.7	87	95	108.4	111.5	114.8	118	121.4	128
	mm	498	547	573	678	900	1103	1345	1520	1902	2051	2212	2417	2750	2833	2916	3000	3083	3250
WT (RF)	Kg	74	92	101	172	335	640	1100	1360	2250	2850	3870	4860	6100	7300	7600	9800	11950	15000
WT (BW)	Kg	54	65	70	110	258	498	810	1228	2009	2563	3300	4050	6120	5500	6900	9000	11000	13500

Gate Valve

GATE VALVE Class 1500 GTF1500/GTB1500

Valve design according to API600
Bolted bonnet
Outside Screw and Yoke
Back seat screw connection
Rising stem, non-rising handwheel
Flexibility Wedge



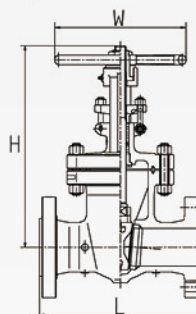
6 and Larger



NPS	in	2"	2-1/2"	3"	4"	5"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"
DN	mm	50	65	80	100	125	200	250	300	350	400	450	500	600	650	700	750
L-L1 (RF-BW)	in	14.5	16.5	18.5	21.5	27.75	32.75	39	44.5	49.5	54.5	60.5	65.5	76.5	82	87.5	93
	mm	368	419	470	546	705	832	991	1130	1257	1384	1537	1664	1943	2083	2222.5	2362
L2 (RTJ)	in	14.62	16.62	18.62	21.62	28	33.13	39.38	45.12	50.25	55.38	61.4	66.4	77.6	-	-	-
	mm	371	422	473	549	711	842	1000	1146	1276	1407	1559	1686	1972	-	-	-
W	in	10	12	14	20	24	18	18	24	24	24	40	40	40	47	47	47
	mm	250	300	350	500	600	458	458	610	610	610	1000	1000	1000	1200	1200	1200
H	in	19.2	22.5	23.7	27.6	38.7	45.1	54	64.3	70.8	77.3	111	121	140.5	151	158	172
	mm	487	572	603	700	984	1146	1371	1633	1798	1963	2812	3078	3570	3836	4012	4368
WT (RF)	Kg	74	131	165	248	510	1040	1910	2685	4100	6200	8100	11130	13300	16500	18700	20900
WT (BW)	Kg	54	105	129	197	358	761	1640	2755	3200	5300	7100	10100	12900	15700	17500	19300

GATE VALVE Class 2500 GTF2500/GTB2500

Valve design according to API600
Bolted bonnet
Outside Screw and Yoke
Back seat screw connection
Rising stem, non-rising handwheel
Flexibility Wedge



6 and Larger



NPS	in	2"	2-1/2"	3"	4"	5"	8"	10"	12"	14"	16"	18"	20"	24"
DN	mm	50	65	80	100	125	200	250	300	350	400	450	500	600
L-L1 (RF-BW)	in	17.75	20	22.75	26.5	36	40.25	50	56	62	68	74	80	92
	mm	451	508	578	673	914	1022	1270	1422	1575	1727	1879	2031	2335
L2 (RTJ)	in	17.88	20.25	23	26.88	36.5	40.88	50.88	56.88	-	-	-	-	-
	mm	454	514	584	683	927	1038	1292	1445	-	-	-	-	-
W	in	14	18	18	20	24	24	24	24	32	32	40	40	40
	mm	350	450	450	500	610	610	610	610	810	810	1000	1000	1000
H	in	22.2	22.2	22.9	34.3	57.1	63.4	81.7	89.8	319.7	400	100.6	112.6	136.6
	mm	563	563	582	870	1450	1610	2076	2281	1945	2250	2555	2860	3470
WT (RF)	Kg	130	200	245	490	1600	2450	4570	6100	8120	10170	12100	14700	16500
WT (BW)	Kg	95	150	175	375	1310	2010	3800	5200	7510	9730	10900	12100	14700

Gate Valve

Pressure Sealed Gate Valve Class 600

GTF600P/GTB600P

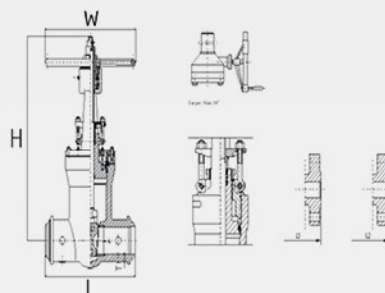
Valve design according to ASME B16.34

Pressure sealed bonnet

Outside Screw and Yoke

Rising stem, non-rising handwheel

Flexibility Wedge



NPS	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750
L-L1 (RF-BW)	in	11.5	13	14	17	20	22	26	31	33	35	39	43	47	55	57	61	65
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397	1448	1549	1651
L2 (RTJ)	in	11.62	13.12	14.12	17.12	20.12	22.12	26.12	31.12	33.12	35.12	39.12	43.13	47.25	55.38	57.5	61.5	65.5
	mm	295	333	359	435	511	562	663	790	841	892	994	1095	1200	1407	1460.5	1562	1664
W	in	7.9	9.8	9.8	13.8	15.7	17.7	19.7	23.6	26.8	24	24	24	24	31.5	31.5	39.38	39.38
	mm	200	250	250	350	400	450	500	600	680	610	610	610	610	800	800	1000	1000
H	in	23.2	24.8	26.3	36	39.4	42.5	49.9	59.5	70.5	73.1	85.1	88.63	97.25	118.13	128	137.88	149
	mm	590	629	667	914	1000	1080	1267	1511	1791	1857	2162	2251	2470	3000	3251	3502	3785
WT (RF)	Kg	70	95	100	148	208	245	320	430	515	670	905	1150	1445	2080	2445	2835	3250
WT(BW)	Kg	62	80	84	115	150	171	215	268	318	435	570	720	890	1285	1510	1750	2010

Pressure Sealed Gate Valve Class 900

GTF900P/GTB900P

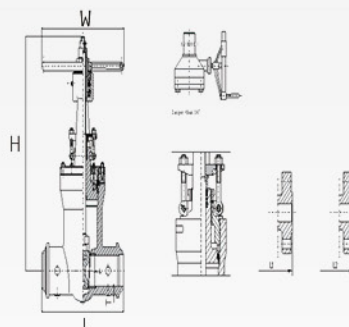
Valve design according to ASME B16.34

Pressure sealed bonnet

Outside Screw and Yoke

Rising stem, non-rising handwheel

Flexibility Wedge



NPS	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"
DN	mm	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750
L (BW)	in	8.5	10	12	14	20	26	31	36	39	43	48	52	61	64.5	68	71.5
	mm	216	254	305	356	508	660	787	914	991	1092	1219	1321	1549	1638	1727	1816
L1 (RF)	in	14.5	16.5	15	18	24	29	33	38	40.5	44.5	48	52	61			
	mm	36.8	419	381	457	610	737	838	965	1029	1130	1219	1321	1549			
L2 (RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88	48.5	52.5	61.75	-	-	-
	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1333	1568	-	-	-
W	in	10	10	12	14	20	24	24	24	24	24	30.5	30.5	39.38	39.38	39.38	47.25
	mm	250	250	300	350	500	600	610	610	610	610	800	800	1000	1000	1000	1200
H	in	23	30	30	34	40	50	61	70	80	89	97.25	108.25	127.62	138.25	149	159.5
	mm	594	753	756	864	1013	1276	1543	1781	2026	2261	2470	2750	3242	3512	3785	4051
WT (RF)	Kg	63	99	107	158	294	693	1008	1418	1785	2520	3320	4400	6770	-	-	-
WT(BW)	Kg	42	67	70	108	194	520	772	1103	1470	2048	2730	3685	5430	6370	7385	8480

Pressure Sealed Gate Valve Class 1500

GTF1500P/GTB1500P

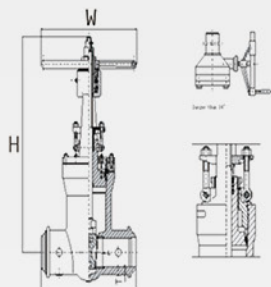
Valve design according to ASME B16.34

Pressure sealed bonnet

Outside Screw and Yoke

Rising stem, non-rising handwheel

Flexibility Wedge



NPS	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
DN	mm	50	65	80	100	150	200	250	300	350	400	450	500	600
L (BW)	in	8.5	10	12	16	22	28	34	39	42	47	53	58	66
	mm	216	254	305	406	559	711	864	991	1067	1194	1346	1473	1676
L1 (RF)	in	14.5	16.5	18.5	21.5	27.75	32.75	39	44.5	49.5	54.5	60.5	65.5	76.5
	mm	368	419	470	546	705	832	991	1130	1257	1384	1537	1664	1943
L2 (RTJ)	in	14.62	16.62	18.62	21.62	28	33.13	39.38	45.12	50.25	55.38	61.38	66.38	77.63
	mm	371	422	473	549	711	842	1000	1146	1276	1407	1559	1686	1972
W	in	10	12	14	20	24	18	18	24	24	24	39.38	47.25	35.5
	mm	250	300	350	500	600	458	458	610	610	610	1000	1200	900
H	in	23	30	30	34	39	53	58.3	73.6	87	92	111.13	122.13	148.25
	mm	594	753	756	864	994	1349	1480	1870	2216	2331	2823	3102	3766
WT (RF)	Kg	63	99	126	218	504	956	1481	2184	2741	3780	5960	7370	10610
WT (BW)	Kg	42	67	87	150	367	718	1071	1523	1890	2888	4630	5720	8240

Pressure Sealed Gate Valve Class 2500

GTF2500P/GTB2500P

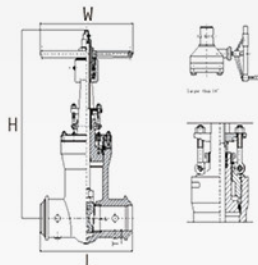
Valve design according to ASME B16.34

Pressure sealed bonnet

Outside Screw and Yoke

Rising stem, non-rising handwheel

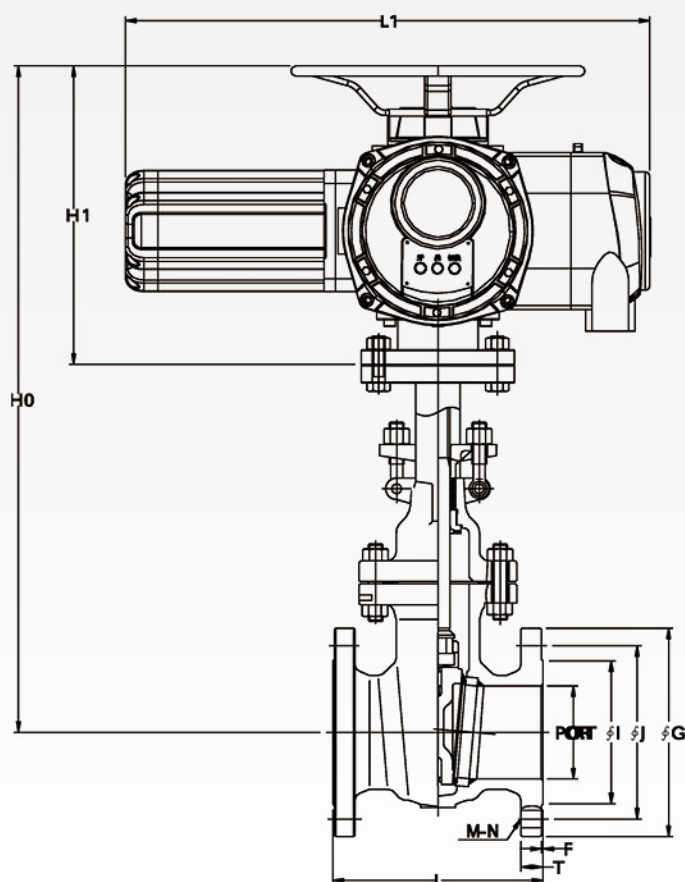
Flexibility Wedge



NPS	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
DN	mm	50	65	80	100	150	200	250	300	350	400	450	500	600
L (BW)	in	11	13	14.5	18	24	30	36	41	44	49	55	61	68
	mm	279	330	368	457	610	762	914	1041	1118	1245	1397	1549	1727
L1 (RF)	in	17.75	20	22.75	26.5	36	40.25	50	56	-	-	-	-	-
	mm	451	508	578	673	914	1022	1270	1422	-	-	-	-	-
L2 (RTJ)	in	17.88	20.25	23	26.88	36.5	40.88	50.88	56.88	-	-	-	-	-
	mm	454	514	584	683	927	1038	1292	1445	-	-	-	-	-
W	in	14	18	18	20	24	24	24	24	24	24	31.5	31.5	39.38
	mm	350	450	450	500	610	610	610	610	610	610	800	800	1000
H	in	23	30	30	34	44	55	69	74	94.13	97.25	116.13	128.75	153.63
	mm	594	753	756	870	1129	1389	1748	1873	2291	2470	2950	3270	3902
WT (RF)	Kg	89	142	173	346	861	1386	2493	3091	-	-	-	-	-
WT (BW)	Kg	53	95	100	200	488	850	1680	2330	3400	4200	5000	6170	8880

■ Electric Actuated Gate Valve GTFE/GTBE (Flanged End/Butt weld End)

- Valve design according to API600, API602; Flange according to ASME B16.5; Face to face according to ASME B16.10.
- Material Options: WCB, WC6, LCB, CF8, CF8M and etc.
- We can provide valves as per our clients' requirement, such as the standard of JIS, DIN, GB and etc.
- The normal standard of electric actuators is non-explosion-proof with the 380V power. Please remark your requirement if you have special needs.
- We also can offer valves with other pressure classes and sizes, according to requirements.





Electric Actuated Gate Valve CLASS150 GTF150E/GTB150E

SIZE(NPS)	L	M	N	T	F	PORT	I	J	G	L1	H1	H0	ACTUATOR
2	178	4	19	16	1.6	51	91.9	120.7	152.4	485	277	530	MDEL10K
2.5	190	4	19	17.5	1.6	64	104.6	139.7	177.8	485	277	559	MDEL10K
3	203	4	19	19	1.6	76	127	152.4	190.5	485	277	591	MDEL10K
4	229	8	19	24	1.6	102	157.2	190.5	228.6	485	277	666	MDEL10K
6	267	8	22	26	1.6	152	215.9	241.3	279.4	485	277	779	MDEL15K
8	292	8	22	29	1.6	203	269.7	298.5	342.9	485	277	912	MDEL15K
10	330	12	25.4	31	1.6	254	323.9	362	406.4	492	306	1076	MDEL30K
12	356	12	25.4	32	1.6	305	381	431.8	482.6	622	360	1255	MDEL45K
14	381	12	28.5	35	1.6	337	412.8	476.3	533.4	622	360	1354	MDEL45K
16	406	16	28.5	37	1.6	387	469.9	539.8	596.9	622	360	1460	MDEL60K
18	432	16	31.8	40	1.6	438	533.4	577.9	635	690	423	1677	MDEL90K
20	457	20	31.8	43	1.6	489	584.2	635	698.5	690	423	1803	MDEL90K
24	508	20	35	48	1.6	591	692.2	749.3	812.8	790	511	2134	MDEL18K
30	610	28	35	74.7	1.6	743	857	914.5	984	790	511	2684	MDEL25K

Electric Actuated Gate Valve CLASS300 GTF300E/GTBE300E

SIZE(NPS)	L	M	N	T	F	PORT	I	J	G	L1	H1	H0	ACTUATOR
2	216	8	19	23	1.6	51	91.9	127	165.1	485	277	564	MDEL10K
2.5	241	8	22	25.5	1.6	64	104.6	149.4	190.5	485	277	578	MDEL10K
3	283	8	22	29	1.6	76	127	168.1	209.6	485	277	636	MDEL10K
4	305	8	22	32	1.6	102	157.2	200.2	254	485	277	695	MDEL15K
6	403	12	22	37	1.6	152	215.9	269.8	317.5	492	306	864	MDEL30K
8	419	12	25.4	42	1.6	203	269.7	330.2	381	622	360	1030	MDEL45K
10	457	16	29	48	1.6	254	323.9	387.4	444.5	622	360	1160	MDEL60K
12	502	16	32	51	1.6	305	381	450.9	520.7	690	423	1392	MDEL90K
14	762	20	32	54	1.6	337	412.8	514.4	584.2	690	423	1504	MDEL12K
16	838	20	35	58	1.6	387	469.9	571.5	647.7	790	511	1704	MDEL18K
18	914	24	35	61	1.6	432	533.4	628.7	711.2	790	511	1805	MDEL25K
20	991	24	35	64	1.6	483	584.2	685.8	774.7	910	578	1990	MDEL35K
24	1143	24	41	70	1.6	584	692.2	812.8	914.4	910	578	2352	MDEL50K

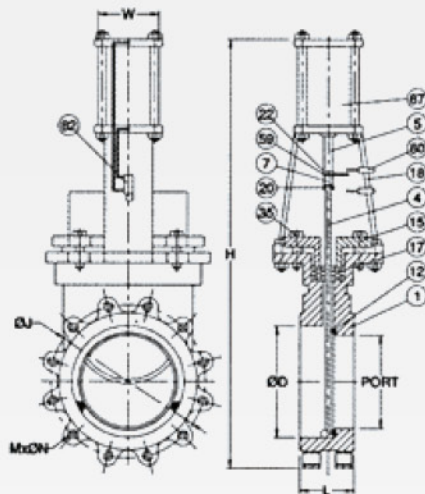
Gate Valve

Electric Actuated Gate Valve CLASS600 GTF600E/GTB600E

SIZE(NPS)	L	M	N	T	F	PORT	I	J	G	L1	H1	H0	ACTUATOR
2	292	8	19	26	6.4	51	91.9	127	165	485	277	573	MDEL10K
2.5	330	8	22	29	6.4	64	104.6	149	190	485	277	613	MDEL10K
3	356	8	22	32	6.4	76	127	168	210	485	277	643	MDEL15K
4	432	8	25	38	6.4	102	157.2	216	273	492	306	756	MDEL30K
6	559	12	29	48	6.4	152	215.9	292	356	622	360	915	MDEL60K
8	660	12	32	56	6.4	200	269.7	349	419	690	423	1149	MDEL90K
10	787	16	35	64	6.4	248	323.9	432	508	790	511	1345	MDEL18K
12	838	20	35	67	6.4	298	381	489	559	790	511	1443	MDEL25K
14	889	20	38	70	6.4	327	413	527	603	910	578	1629	MDEL35K
16	991	20	41	77	6.4	375	470	603	686	910	578	1836	MDEL50K
18	1092	20	44	83	6.4	419	533	654	743	910	578	1933	MDEL50K
20	1194	24	44	89	6.4	464	584	724	813	910	898	2413	MDEL80K

■ Pneumatic Actuated Knife Gate KG-11

- Nominal Pressure: CLASS 150
- Seats: Soft Seal Temperature: $\leq 150^{\circ}\text{C}$
- Metal Seal Temperature: $\leq 450^{\circ}\text{C}$
- Body: SS316, SS304, Cast Iron, Ductile Iron, Stainless Steel
- Operating Mode: Actuator
- Application: Power Plant, Paper Factory, Sugar Mill, Water Treatment Factory
- Product Standard: DIN ANSI BS and JIS

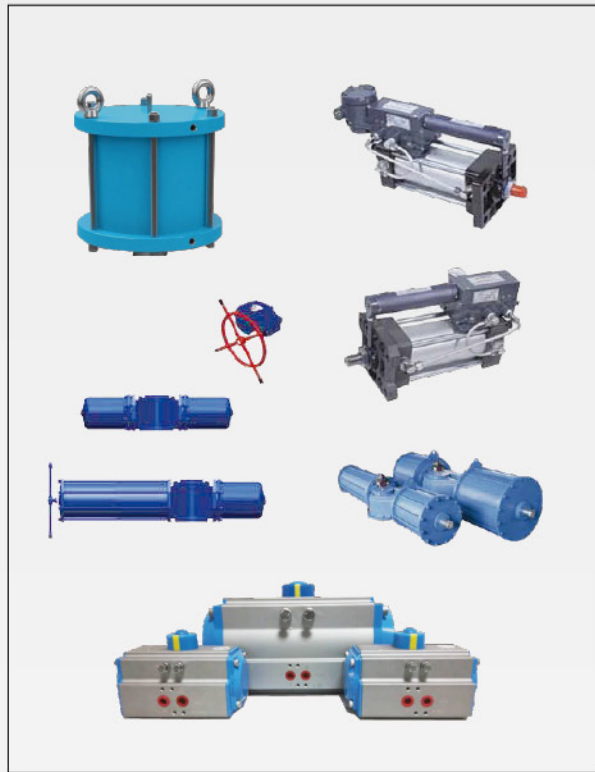


MATERIAL LIST		
NO	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr.CF8
4	DISC	SS304
5	STEM	SS410
7	DISC NUT	SS304
12	SEAT RING	PTFE
15	GLAND	SS304
17	PACKING	ASB
18	YOKE	DUCTILE IRON
20	CONNECTOR	SS304
22	STEM NUT	SS304
35	BOLT	SS304
59	POINTER	SS304
67	ACTUATOR	STANDARD TYPE
80	LIMIT SWITCH	ALUMINUM ALLOY
82	SOLENOID	ALUMINUM ALLOY

Gate Valve Dimension		φ 50	φ 65	φ 80	φ 100	φ 125	φ 150	φ 200	φ 250
Theory Piston Force N	Thrush	760	1215	1960	3077	4800	7869	12308	19227
Standard Air Pressure									
0.4MPa	Pressure	680	1030	1770	2675	4400	7379	10035	18463
Medium	Air								
Operating Pressure Mpa	0.15-1								
Condition Temperature °C	-10-+80								

DIMENSION unit:mm								
SIZE	PORT	L	H	J	M	Φ N (UNC)	Φ D	W
DN50	2"	51	520	121	4	5/8"	72	63
DN65	2-1/2"	51	570	140	4	5/8"	87	63
DN80	3"	51	650	152	4	5/8"	95	80
DN100	4"	51	720	191	8	5/8"	122	80
DN125	5"	57	870	216	8	3/4"	146	125
DN150	6"	57	940	241	8	3/4"	175	125
DN200	8"	70	1150	298	8	3/4"	225	150
DN250	10"	70	1380	362	12	7/8"	275	180

MODENTIC



Pneumatic actuators



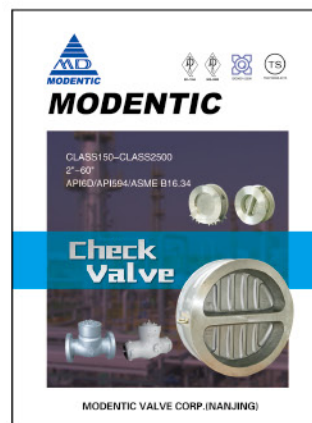
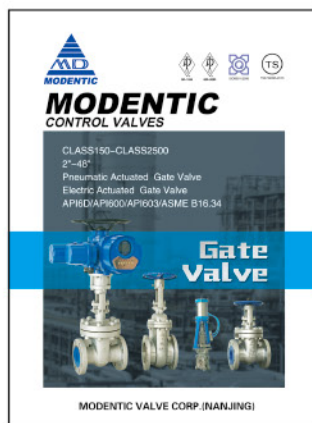
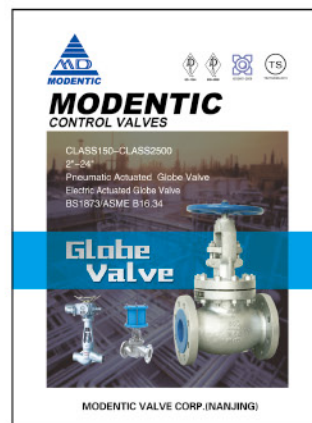
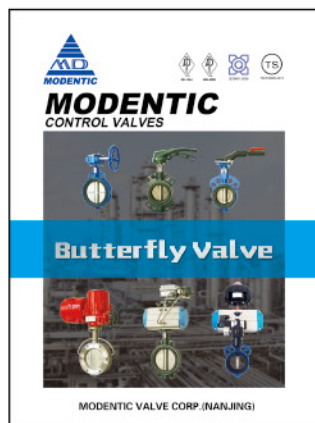
Electric actuators



Positioner



Others



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