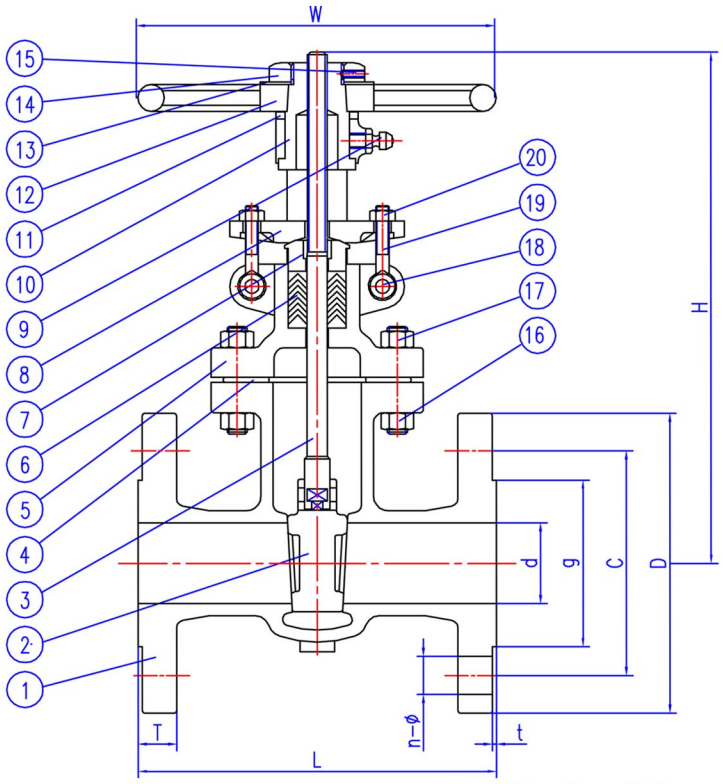
SVGA35/XXX
SVGA31/XXX

UNIMECH GROUP, MALAYSIA

A MEMBER OF UNIMECH GROUP, MALAYSIA

STAINLESS STEEL GATE VALVE FLANGED END 150 LB

(size 15mm~150mm)



Features :

Pressure - Temperature Rating : ASME B16.34
Face to Face : ASME B16.10
Flange Connection Dimensions : ASME B16.5
Inspection and Test : API 598
Shell Test : 3.1 Mpa
High Pressure Sealing Test : 2.2 Mpa

Technical Data

Material

No.	PART	MATERIAL	
1	BODY	A351-CF8	A351-CF8M
2	DISC	A351-CF8	A351-CF8M
3	STEM	A276-304	A276-316
4	GASKET	PTFE	PTFE
5	BONNET	A351-CF8	A351-CF8M
6	PACKING	PTFE	PTFE
7	GLAND	A276-304	A276-316
8	GLAND FLANGE	A351-CF8	A351-CF8
9	GREASE SPOT	COPPER + NICKEL COATED	
10	YOKE NUT	A439-D2	A-439-D2

No.	PART	MATERIAL	
11	WASHER	A395-65-45-15	A395-65-45-15
12	HANDWHEEL	A395-65-45-15	A395-65-45-15
13	NAMEPLATE	A276-304	A276-304
14	HANDWHEEL NUT	A276-304	A276-304
15	SET SCREW	A276-304	A276-304
16	NUT	A194-8	A194-8
17	BONNET BOLT	A193-B8	A193-B8
18	HINGE PIN	A276-304	A276-304
19	EYEBOLT	A193-B8	A193-B8
20	NUT	A194-8	A194-8

Dimension in mm

SIZES		d	L	D	C	g	T	t	n-Ø	H
DN	in.									
15	1/2”	15	108	90	60.3	35	10	2	4-16	196
20	3/4”	20	117	100	69.9	43	10.9	2	4-16	207.5
25	1”	25	127	110	79.4	51	11.6	2	4-16	220
32	1.1/4”	32	165	115	88.9	63.5	13.2	2	4-16	276
40	1.1/2”	40	165	125	98.4	73	14.7	2	4-16	276
50	2”	50	178	150	120.7	92	16.3	2	4-19	327
65	2.1/2”	65	190	180	139.7	105	17.9	2	4-19	397.5
80	3”	80	203	190	152.4	127	19.5	2	4-19	438
100	4”	100	229	230	190.5	157	24.3	2	8-19	516
125	5”	125	254	255	215.9	186	24.3	2	8-22	673
150	6”	150	267	280	241.3	216	25.9	2	8-22	727

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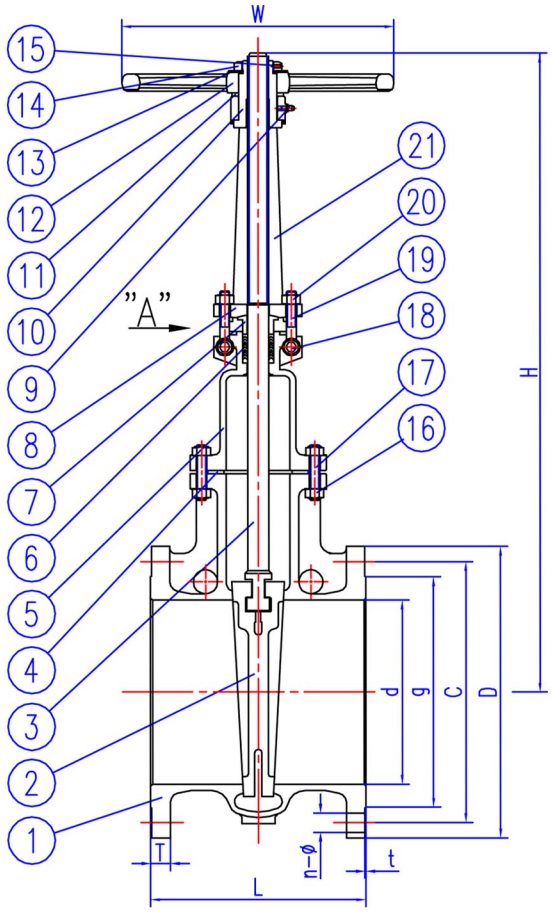
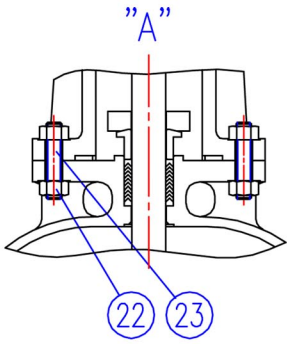
STAINLESS STEEL GATE VALVE FLANGED END 150 LB

(size 200mm~300mm)





Technical Data

Material

No.	PART	MATERIAL	
1	BODY	A351-CF8	A351-CF8M
2	DISC	A351-CF8	A351-CF8M
3	STEM	A276-304	A276-316
4	GASKET	PTFE	PTFE
5	BONNET	A351-CF8	A351-CF8M
6	PACKING	PTFE	PTFE
7	GLAND	A276-304	A276-316
8	GLAND PACKING	A351-CF8	A351-CF8
9	GREAGE SPOT	COPPER+NICKEL COATED	
10	YOKE NUT	A439-D2	A439-D2
11	WASHER	A395-65-45-15	A395-65-45-15
12	HANDWHEEL	A395-65-45-15	A395-65-45-15

No.	PART	MATERIAL	
13	NAMEPLATE	A276-304	A276-304
14	HANDWHEEL NUT	A351-CF8	A351-CF8
15	SET SCREW	A276-304	A276-304
16	NUT	A194-8	A194-8
17	BONNET BOLT	A193-B8	A193-B8
18	HINGE PIN	A276-304	A276-304
19	EYEBOLT	A193-B8	A193-B8
20	NUT	A194-8	A194-8
21	YOKE	A351-CF8	A351-CF8
22	NUT	A194-8	A194-8
23	BOLT	A193-B8	A193-B8

Dimension in mm

SIZES		d	L	D	C	g	T	t	n-Ø	H
DN	in.									
200	8”	200	292	345	298.5	270	29	2	8-22	923
250	10”	250	405	405	362	324	30.6	2	12-25	1130
300	12”	300	485	485	431.8	381	32.2	2	12-25	1386

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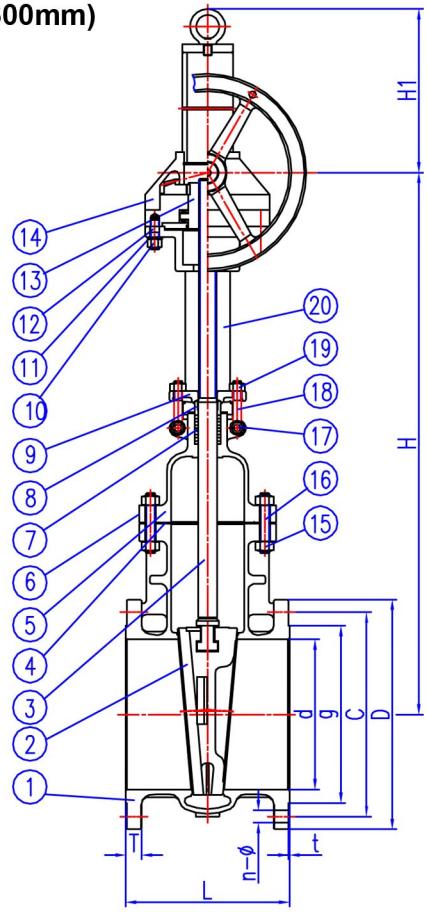
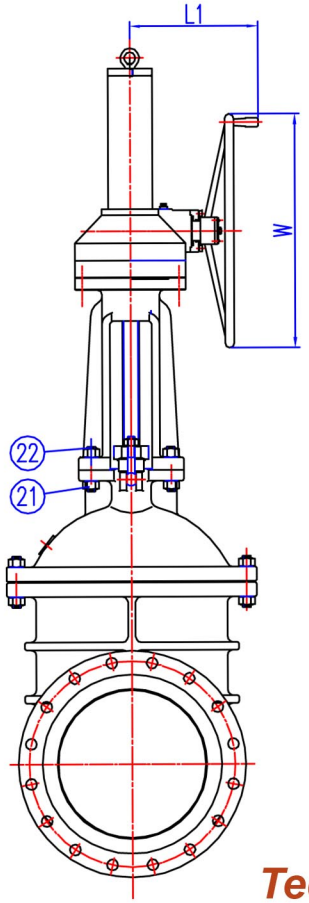
STAINLESS STEEL GATE VALVE FLANGED END 150 LB

(size 350mm~600mm)





Technical Data

Material

No.	PART	MATERIAL	
1	BODY	A351-CF8	A351-CF8M
2	FLEXIBLE GATE DISC	A351-CF8	A351-CF8M
3	STEM	A276-304	A276-316
4	GASKET	A276-304+PTFE	A276-304+PTFE
5	BONNET	A351-CF8	A351-CF8M
6	NAMEPLATE	A276-304	A276-304
7	PACKING	PTFE	PTFE
8	GLAND	A276-304	A276-316
9	GLAND PACKING	A351-CF8	A351-CF8
10	NUT	A194-8	A194-8
11	SPRING GASKET	A276-304	A276-304

No.	PART	MATERIAL	
12	BOLT	A193-B8	A193-B8
13	YOKE NUT	ZCuAl10Fe3	ZCuAl10Fe3
14	CONICAL GEAR ACTUATOR	Subassembly	Subassembly
15	NUT	A194-8	A194-8
16	BONNET BOLT	A193-B8	A193-B8
17	HINGE PIN	A276-304	A276-304
18	EYEBOLT	A193-B8	A193-B8
19	NUT	A194-8	A194-8
20	YOKE	A351-CF8	A351-CF8
21	NUT	A194-8	A194-8
22	BOLT	A193-B8	A193-B8

Dimension in mm

SIZES		d	L	D	C	g	T	t	n-Ø	H	H1	L1
DN	in.											
350	14”	350	381	535	476.3	413	35.4	2	12-29	1258	460	340
400	16”	387	406	595	539.8	470	37	2	16-29	1388	480	340
450	18”	436	432	635	577.9	533	40.1	2	16-32	1498	600	340
500	20”	483	457	700	635	584	43.3	2	20-32	1576	605	431
600	24”	589	508	815	749.3	692	48.1	2	20-35	1849	735	431

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