

Performance Specifications

CLASS 600			
Test Pre-ssure	Shell Test	15.4	MPa
	Back Seal Test	11.3	
	Seal Test	11.3	
	Air Test	0.6	
SuitableTemp.	-29~538 °C		
Suitable Media	W.O.G.etc		

14	H.W.Lock Nut	AISI 1035
13	HandWheel	ASTM A197
12	Stem Nut	ASTM A276 410
11	Gland Nut	ASTM A194 8M
10	Gland eye bolt	ASTM A193 B8M
9	Gland	ASTM A182 F316
8	Stem Packing	Flexible Graphite
7	Bonnet Bolt	ASTM A193 B8M
6	Bonnet	ASTM A182 F316
5	Gasket	SS316+Graphite
4	Stem	ASTM A182 F316
3	Wedge	ASTM A182 F316
2	Seat Ring	ASTM A82 F316+STL
1	Body	ASTM A182 F316
No.	Name parts	Material

Technical Requirements

1. Design & manufacture conform to API 602
2. Face to Face dimension conforms to ASME B16.10
3. Flange dimension conforms to ASME B16.5
4. Test & Inspect conform to API 598

CLASS	NPS	Main Dimension (mm)									
		d	L	A	B	C	T	f	H	W	n-φ
600	1	18	216	124	88.9	50.8	17.5	7	196	120	4-φ19
	1-1/2	29	241	156	114.3	73	22.5	7	250	160	4-φ22



DIE ERSTE INDUSTRY CO., LTD,
TAICHUNG, TAIWAN

SHEET 1 OF 1

DRWN BY:
Simon
2015/11/30

APPROVAL:

UNIT: mm

DO NOT SCALE DRAWING

TITLE:

Gate valve class600

REV

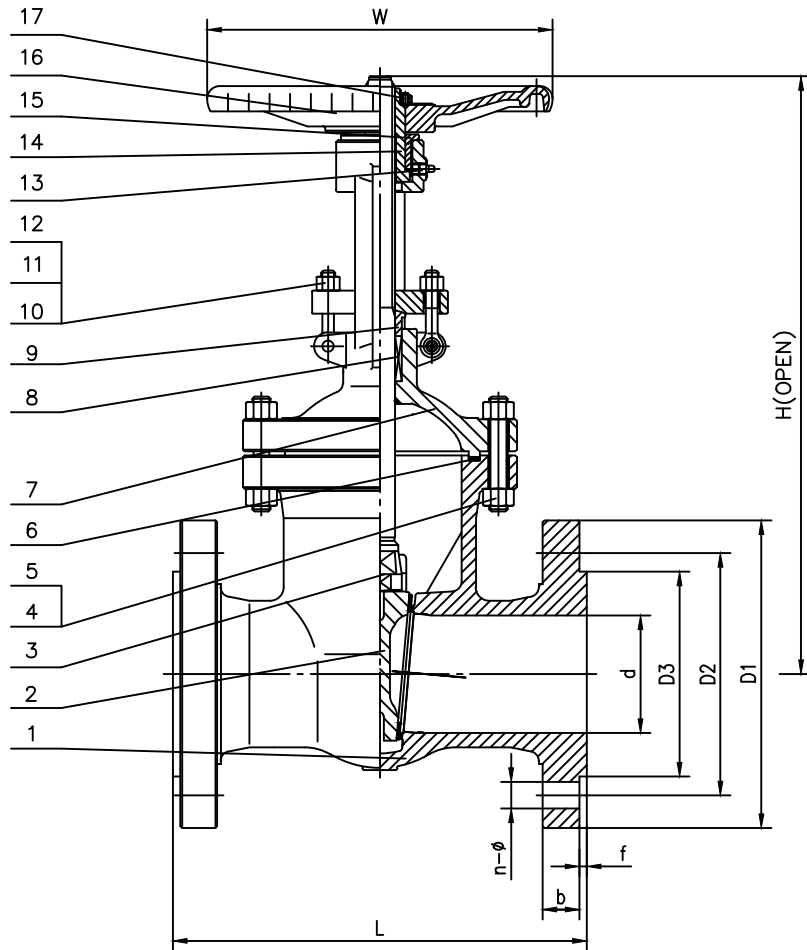
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REMARK

KW.Y

PROJECT:

DWG. NO.



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CLASS 600			
Test Pre-ssure	Shell Test	15.4	MPa
	Back Seal Test	11.3	
	Seal Test	11.3	
	Air Test	0.6	
SuitableTemp.	-29~538 °C		
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17	Lock Nut	AISI 1035
16	HandWheel	Ductile Iron
15	Retaining Nut	AISI 1035
14	Stem Nut	Ductile Iron+N
13	Nipple	Copper Alloy
12	Gland Nut	ASTM A194 8
11	Gland eye bolt	ASTM A193 B8
10	Pin	AISI 304
9	Gland	ASTM A182 F316
8	Packing	Flexible Graphite
7	Bonnet	ASTM A351 CF8M
6	Gasket	SS316+Flexible Graphite
5	Bolt	ASTM A193 B8
4	Nut	ASTM A194 8
3	Stem	ASTM A182 F316
2	Wedge	ASTM A351 CF8M
1	Body	ASTM A351 CF8M+STL
No.	Name parts	Material

Technical Requirements

1. Design & manufacture conform to API 600
2. Face to Face dimension conforms to ASME B16.10
3. Flange dimension conforms to ASME B16.5
4. Test & Inspect conform to API 598

CLASS	NPS	Main Dimension (mm)									
		d	D1	D2	D3	b	f	L	H	W	n-φ
600	2	51	165	127	92	26	7	292	445	200	8-φ19



SHEET 1 OF 1		DRWN BY: Simon 2015/11/30	APPROVAL:	UNIT: mm	DO NOT SCALE DRAWING	TITLE: Gate valve class600-2"	REV 1.0
REMARK	KW.Y			PROJECT: ☐	DWG. NO.		