



DN15-DN1200 API6D Oil Gas Valve Forged Steel Gate Valve With Counter Flanges Fogvc-0016-1

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-V-17
- Minimum Order Quantity: 10PCS
- Price: USD2-USD20000 each
- Packaging Details: carton box+ ply wooden cases or carton+ Pallets
- Delivery Time: 20 days for usual order, 7 days for stocked items
- Payment Terms: T/T, L/C, D/P
- Supply Ability: 1000pcs one month



Product Specification

- Highlight: Oil Gas Valve API6D, DN1200 Oil Gas Valve, DN15 forged steel gate valve

Product Description

Gate Valve is a shut-off device to open and close the flow of the fluid conveyed by a piping system (or a pipeline). A gate valve is a bi-directional valve, as the fluid may flow in either direction. The installation of this type of valve creates a modest pressure drop in the pipeline, lower than globe valves. Gate valves have forged bodies for bore sizes below 2 inches (API 602/BS 5352), and cast bodies for larger sizes (API 600, API 603, API 6D).

Product Information / Product Description / Basis Information / Specification

Standard	BS1873/ BS 5352 cast and forged Globe valve BS1868 check valve API600 Bolted Bonnet Steel Gate Valves for Petroleum and Natural Gas Industries API602 Forged Steel valves API603 Stainless steel valve API6D Gate valve, Plug valve and Ball valve API609 Butterfly valve API594 Wafer, Lug check valve
Types	Butterfly Valves, Ball valves, gate valves, check valves, globe valves, Plug valves, strainers
Size	1/2"-48 DN15-DN1200" globe valve is 1/2" to 16"
End Connection	Flange Ends, RF, FF, RTJ, LM, BW ends, threaded ends NPT, BSPT, BSPP, Socket Welded Ends
Pressure Range	CL150LBS, 300LBS, 600LBS, 800LBS 900LBS, 1500LBS, 2500LBS PN6 PN10 PN16 PN25 PN40. PN64 PN110, PN160, PN250, PN420
Surface	Acid pickling, Polished, Galvanized, Painting, epoxy Power Coated

Material List Grade

Main Ingredients	Standards							
	Castings				Bar or Forgings			
	ASTM	DIN (W.-Nr.)	UNS-No.	JIS	ASTM	DIN (W.-Nr.)	UNS-No.	JIS
Martensitic Stainless Steel								
13Cr-4Ni-0.8Mo	A743 CA6NM	1.4313	J91540	SCS6	A276 S41500	1.4313	S41500	
Austenitic Stainless Steel								
18Cr-8Ni	A351 CF8	1.4308	J92600	SCS1 3A	A276 304	1.4301	S30400	SUS 304
18Cr-8Ni-LS ⁽¹⁾	A351 CF8	1.4308	J92600	SCS1 3A	A276 304	1.4301	S30400	SUS 304
18Cr-8Ni-LC ⁽²⁾	A351 CF3	1.4306	J92500	SCS1 9A	A276 304L	1.4306	S30403	SUS 304L
18Cr-9Ni-2Mo	A351 CF8M	1.4408	J92900	SCS1 4A	A276 316	1.4401	S31600	SUS 316
18Cr-9Ni-2Mo-LS ⁽¹⁾	A351 CF8M	1.4408	J92900	SCS1 4A	A276 316	1.4401	S31600	SUS 316
18Cr-9Ni-2Mo-LC ⁽²⁾	A351 CF3M	1.4404	J92800	SCS1 6A	A276 316L	1.4404	S31603	SUS 316L
18Cr-10Ni-Nb	A351 CF8C	1.4552	J92710	SCS2 1	A276 347	1.455	S34700	SUS 347
18Cr-12Ni-3.5Mo	A351 CG8M		J93000		A276 317	1.4449	S31700	SUS 317
18Cr-12Ni-3.5Mo-LC ⁽²⁾	A351 CG3M		J92999		A276 317L	1.4438	S31703	SUS 317L
18Cr-13Ni-4.5Si								
21Cr-29Ni-2.5Mo-3.5Cu	A351 CN7M	1.4536	J95150	SCS2 3	A473 N08020	2.466	N08020	
21Cr-29Ni-2.7Mo-3.2Cu-LC ⁽²⁾	A990 CN3MCu							
25Cr-20N	A351 CK20		J94202	SCS1 8	A276 310S	1.4845	S31008	SUS 310S
33Ni-20Cr-45Fe-Nb	A351 CT15C	1.4859	N28820		B408 N08800	1.4876	N08800	NCF800
Super Austenitic Stainless Steel								
21Cr-24Ni-6.5Mo-N	A351 CN3MN				B691 N08367		N08367	SUS 836L
25Cr-24Ni-6.5Mo-N	A351 CN3MN mod.							

20Cr-18Ni-6.5Mo-N-Cu	A351 CK3MCuN		J93254		A276 S31254		S31254	
Duplex Stainless Steel								
22Cr-5Ni-3Mo-N	A995 Gr.4A CD3MN		J92205		A276 UNS32205	1.4462	S32205	SUS 329J3L
25Cr-5Ni-Mo-Cu	A890 Gr.1A CD4MCu		J93370		A790 UNS31260		S31260	
Super Duplex Stainless Steel								
25Cr-7Ni-3Mo-N				SCS10	A479 S32750	1.446	S32750	SUS 329J4L
28Cr-7Ni-4Mo-N				SCS10 mod.				
25Cr-7Ni-3Mo-Cu-N-W	A890 Gr.6A CD3MWCuN	1.4468	J93380		A479 S32750	1.446	S32750	
25Cr-7Ni-4Mo-N	A890 Gr.5A CE3MN		J93404		A479 S32750	1.446	S32750	

High Temperature Material CF8, 304, 304H CF8M, 316, 316H CK-20, 310, 310H WC4, WC5, F2, WC6, F11C1.2, F12C1.2, WC9, F22C1.3, C5, F5, WC4, WC5, F2, WC6, F11C1.2, F12C1.2, WC9, F22C1.3, C5, F5

Low Temperature Material A352 LCB, LCC, LC1 LC2, LC3, LC4, CF8M, CF8, CF3M
Alloy Material: Bronze, IN Conoy, DUPLEX SS, Alloy 20, Hastelloy C 276, Hastelloy B

Technical Pressure Test

Shell Test	1.5xworking pressure				
Seal Test	1.1x Working Pressure				
air test for seal	0.6Mpa by air				
Valve Size	Minimum Test Duration (Seconds)				
DN	NPS	Shell , 夕	Backseat (for Valves with Backseat Featu_re)	Closure Check Valves (API 594)	Closure Other Valves
≤50	≤ 2"	15	15	60	15
65 to 150	2 1/2" to 6"	60	60	60	60
200 to 300	8"-12"	120	60	120	120
≥350	≥14"	300	60	120	120
a The test duration is the period of inspection aft the valve is fully prepared and is unde full pressure.					

Maximum allowable Leakage Rates for Closure Test							
Valve Size		All Resilient Seated Valves	Metal Seated Valves Except Check		Metal Seated Check Valves		
DN (mm)	NPS		Liquid Test (drops/minute)	Gas. Test (bubbles/minute)	Liquid Test (cc/min)	Gas Test (m3/h)	Gas Test (ft3/h)
≤50	≤2	0	0	0	6	0.08	3
65	2 1/2	0	5	10	7.5	0.11	3.75
80	3	0	6	12	9	0.13	4.5
100	4	0	8	16	12	0.17	6
125	5	0	10	20	15	0.21	7.5
150	6	0	12	24	18	0.25	9
200	8	0	16	32	24	0.34	12
250	10	0	20	40	30	0.42	15
300	12	0	24	48	36	0.5	18
350	14	0	28	56	42	0.59	21
400	16	0	32	64	48	0.67	24
450	18	0	36	72	54	0.76	27
500	20	0	40	80	60	0.84	30
600	24	0	48	96	72	1.01	36
650	26	0	52	104	78	1.09	39
700	28	0	56	112	84	1.18	42
750	30	0	60	120	90	1.26	45
800	32	0	64	128	96	1.34	48
900	36	0	72	144	108	1.51	54
1000	40	0	80	160	120	1.68	60
1050	42	0	84	168	126	1.76	63
1200	48	0	96	192	144	2.02	72

a For the liquid test, 1 ml is considered equivalent to 16 drops.
b There shall be no leakage for the minimum specified test duration . For liquid test, 0 drops means no visible leakage per minimum specified test duration. For gas test, 0 bubbles means less than 1 bubble per minimum specified test duration.

Gate Valves catalogue pages/Dimension List



www.deyepiping.com

锻钢闸阀

采用以下结构

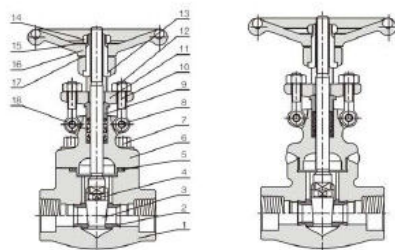
全径或缩径;
明杆支架式 (OS& Y)
自定心平板闸阀式
螺栓连接、缠绕垫片密封式闸盖
螺栓连接、全焊密封式闸盖以及螺栓连接内压自紧式闸盖;
整体式上密封;
承插端符合: ASMEB16.11
螺纹连接端 (NPT) 符合 ANSI/ASME B1.20.1。



锻钢闸阀有三种闸盖设计形式。第一种是螺栓式闸盖。按这种设计形式设计的阀门,其阀体与闸盖用螺栓连接,缠绕式垫片 (304 夹性石墨制造) 或采用金属环连接密封。第二种设计形式是焊接式闸盖,按这种设计形式的阀门,其阀体与闸盖用螺栓连接,全焊密封。客户有特殊要求时也可采用全焊透连接。第三种是压力自紧式闸盖,按这种设计形式设计的阀门,其阀门与闸盖用螺栓连接,内压自密封环密封。



内螺纹与承插焊闸阀



应用规范

- 1、设计制造 API 602、BS5352、ASME B16.34
- 2、连接端尺寸：
 - 1) 承插口尺寸按Screw ends dimension conform to ANSI B16.11; JB/T11751
 - 2) 螺纹端尺寸按Screw ends dimension conform to ANSI B1.20.1; JB/T7306
 - 3) 对焊端尺寸按Test and inspection conform to ANSI B16.25; JB/T12224
 - 4) 法兰端尺寸按Structure features: ANSI B16.5; JB79
- 3、阀门检查和试验Test and inspection conform to: API598; GB/T13927; JB/T9092
- 4、结构特征structure features:
 - 螺栓连接闸盖 (B.B) 和明杆支架 (OS&Y)
 - Bolted bonnet, outside screw and yoke
 - 或焊接闸盖 (W.B) 和明杆支架 (OS&Y)
 - Welded bonnet, outside screw and yoke
- 5、材料按Materials conform to ANSI/ASTM的规定。
- 6、主体材料Main materials:
 - A105; LF2; F5; F11; F22; 304(L); 316(L); F347; F321; F51; Monel; 20合金等Alloy。

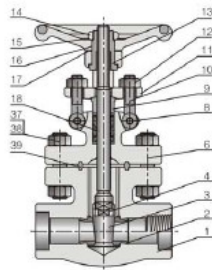
碳钢温压等级 Carbon steel temperature-pressure rate

CL150-285P.S.I @100° F CL300-740P.S.I @100° F CL600-1480P.S.I @100° F CL800-1975P.S.I @100° F CL1500-3705P.S.I @100° F

典型零件材料表Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
2	座圈Seat	410	410HF	304	410HF	304(L)	316(L)	F51
3	闸板Wedge	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	闸杆Stem	410	410	304	410	304(L)	316(L)	F51
5	垫片Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite
6	闸盖Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	螺栓Bolt	B7	B7	F7	B16	B8(M)	B8(M)	B8(M)
8	销Pin	410	410	410	410	304	304	304
9	填料压套Gland	410	410	304	410	304	316	F51
10	活节螺栓 Gland eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8(M)
11	填料压板 Gland flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母 Hex nut	2H	2H	2H	2H	8(M)	8(M)	8(M)
13	闸杆螺母 Stem nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking nut	35	35	35	35	35	35	35
15	铭牌Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating gasket	410	410	410	410	410	410	410
18	填料Packing	石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite

内螺纹与承插焊闸阀 Female threaded and socket welded gate valves



应用规范Application standards

- 1、设计制造Design and manufacture conform to:
API 602, BS5352, ASME B16.34
- 2、连接端尺寸Connection ends conform to:
1) 承插口尺寸按Screw ends dimension conform to
ANSI B16.11; JB/T 1751
2) 螺纹端尺寸按Screw ends dimension conform to
ANSI B1.20.1; JB/T 7306
- 3) 对焊端尺寸按Test and inspection conform to
ANSI B16.25; JB/T 12224
- 4) 法兰端尺寸按Structure features:
ANSI B16.5; JB 79
- 3、阀门检查和试验Test and inspection conform to:
API 598; GB/T 13927; JB/T 9092
- 4、结构特征structure features:
螺栓连接阀盖 (B.B) 和明杆支架 (OS&Y)
Bolted bonnet, outside screw and yoke
或焊接阀盖 (W.B) 和明杆支架 (OS&Y)
Welded bonnet, outside screw and yoke
- 5、材料按Materials conform to ANSI/ASTM的规定。
- 6、主体材料Main materials:
A105; LF2; F5; F11; F22; 304(L); 316(L);
F347; F321; F51; Monel; 20合金等Alloys。

碳钢温压等级 Carbon steel temperature-pressure rate

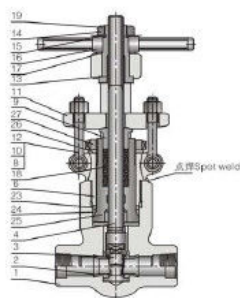
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典型零件材料表Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体 Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
2	座圈 Seat	410	410HF	304	410HF	304(L)	316(L)	F51
3	闸板 Wedge	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	阀杆 Stem	410	410	304	410	304(L)	316(L)	F51
6	阀盖 Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
8	销 Pin	410	410	410	410	304	304	304
9	填料压套 Gland	410	410	304	410	304	316	F51
10	活节螺栓 Gland eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8(M)
11	填料压板 Gland flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母 Hex nut	2H	2H	2H	2H	8(M)	8(M)	8(M)
13	阀杆螺母 Stem nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking nut	35	35	35	35	35	35	35
15	铭牌 Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮 Handwheel	A197	A197	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating gasket	410	410	410	410	410	410	410
18	填料 Packing	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite	石墨 Graphite
37	双头螺栓 Screwed stud	B7	B7	L7	L7	B8(M)	B8(M)	B8(M)
38	螺母 Nut	2H	2H	8	8	8(M)	8(M)	8(M)
39	金属环 Metal ring	304	304	304	304	304(L)	316(L)	F51



自密封闸阀
Pressure sealing gate valves



碳钢温压等级 Carbon steel temperature-pressure rate

CL1500-3705P.S.I @100° F CL2500-6170P.S.I @100° F

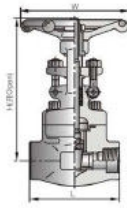
应用规范Application standards

- 1、设计制造Design and manufacture conform to:
API 602, BS5352, ASME B16.34
- 2、连接端尺寸Connection ends conform to:
1) 承插口尺寸按Screw ends dimension conform to
ANSI B16.11; JB/T1751
2) 螺纹端尺寸按Screw ends dimension conform to
ANSI B1.20.1; JB/T7306
3) 对焊端尺寸按Test and inspection conform to
ANSI B16.25; JB/T12224
4) 法兰端尺寸按Structure features:
ANSI B16.5; JB/T93
- 3、阀门检查和试验Test and inspection conform to:
API598; GB/T13927; JB/T9092
- 4、结构特征structure features:
螺栓连接闸盖自紧式密封
A threaded and pressure seal bonnet
- 5、材料按Materials conform to ANSI/ASTM的规定。
- 6、主体材料Main materials:
A105; LF2; F5; F11; F22; 304(L); 316(L);
F347; F321; F51; Monel; 20合金等Alloy。

典型零件材料表Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6a-HF	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F91/410HF
1	阀体Body	A105	A105	LF2	F11	F304(L)	F316(L)	F51
2	阀座Seat	410	410HF	304	410HF	304(L)	316(L)	F51
3	闸板Wedge	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	闸杆Stem	410	410	304	410	304(L)	316(L)	F51
6	闸盖Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
8	销Pin	410	410	410	410	304	304	304
9	填料压套Gland	410	410	304	410	304	316	F51
10	压套螺栓 Gland eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8(M)
11	填料压板 Gland flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母Hex nut	2H	2H	2H	2H	8(M)	8(M)	8(M)
13	闸杆螺母Stem nut	410	410	410	410	410	410	410
14	锁紧螺母 Locking nut	35	35	35	35	35	35	35
15	铭牌Nameplate	AL	AL	AL	AL	AL	AL	AL
16	手轮Handwheel	A197	A197	A197	A197	A197	A197	A197
17	润滑垫片 Lubricating gasket	410	410	410	410	410	410	410
18	填料Packing	石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite
23	密封垫片 Seal gasket	420	420	304	304	304(L)	316(L)	420
24	自密封圈P.S.ring	304	304	304	304	304	316	316
25	自密封座P.S.seat	420	420	304	304	304(L)	16(L)	F91
26	螺母垫片Nut pad	410	410	410	410	410	410	410
27	拉紧螺母 Packing nut	碳钢Cast steel	碳钢Cast steel	碳钢Cast steel	碳钢Cast steel	不锈钢 Stainless Steel	不锈钢	碳钢

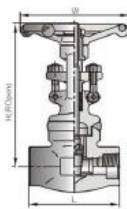
内螺纹与承插焊闸阀 Female threaded and socket welded gate valves



螺栓连接闸盖，带侧和全径，明杆支架 (OS & Y)
Bolted bonnet, full port reducing port outside screw and yoke (OS & Y)
承插连接为螺纹或承插焊或对接，设计按API602
Threaded, butt-welded or socket welded ends, design to API 602

CL800

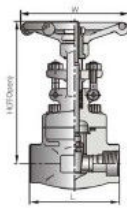
规格 (NPS) Specification	缩径 (R.P.)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	全径 (F.P.)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	-
结构长度 (mm) Face to face	L	79	79	92	111	120	120	140	178	-
手轮直径 (mm) Handwheel diameter	w	100	100	100	125	160	160	180	200	-
中心高度 (mm) Height	H	161	161	163	196	223	251	290	333	-
流通孔径 (mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	-
重量 Weight (Kg)		2.3	2.22	2.39	4.24	5.7	7.05	10.9	16.8	-



焊接连接闸盖，带侧和全径，明杆支架 (OS & Y)
Welded bonnet, full port reducing port outside screw and yoke (OS & Y)
承插连接为螺纹或承插焊或对接，设计按API602
Threaded, butt-welded or socket welded ends, design to API 602

CL800

规格 (NPS) Specification	缩径 (R.P.)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	全径 (F.P.)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	-
结构长度 (mm) Face to face	L	79	79	92	111	120	120	140	178	-
手轮直径 (mm) Handwheel diameter	w	100	100	100	125	160	160	180	200	-
中心高度 (mm) Height	H	161	161	163	196	223	251	290	333	-
流通孔径 (mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	-
重量 Weight (Kg)		1.9	1.9	2.1	3.2	5.2	6.9	10.4	15.8	-



螺栓连接闸盖，带侧和全径，明杆支架 (OS & Y)
Bolted bonnet, full port reducing port outside screw and yoke (OS & Y)
承插连接为螺纹或承插焊或对接，设计按API602
Threaded, butt-welded or socket welded ends, design to API 602

CL900-CL1500

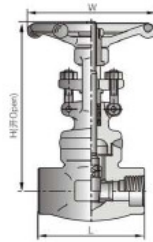
规格 (NPS) Specification	缩径 (R.P.)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	全径 (F.P.)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度 (mm) Face to face	L	92	111	111	120	120	140	172	210	-
手轮直径 (mm) Handwheel diameter	w	100	125	125	160	160	180	200	220	-
中心高度 (mm) Height	H	191	191	192	219	243	296	316	370	-
流通孔径 (mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	-
重量 Weight (Kg)		2.4	4.4	4.3	6	7.2	11.4	16	23	-



内螺纹与承插焊闸阀
Female threaded and socket welded gate valves

焊接连接闸盖，全径和全径。明杆支架 (OS & Y)
Welded bonnet, full port reducing port outside screw and yoke (OS & Y)
末端连接为螺纹或承插焊或对接。设计按API602
Threaded, built-welded or socket welded ends, design to API 602

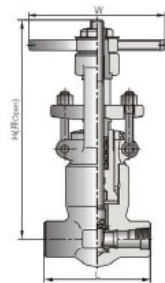
CL900-CL1500



规格 (NPS) Specification	口径 (R.P.)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	全径 (F.P.)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度 (mm) Face to face	L	92	111	111	120	120	140	172	210	-
手轮直径 (mm) Handwheel diameter	W	100	125	125	160	160	160	200	220	-
中心高度(开)(mm) Height	H	171	207	207	240	258	330	355	370	-
流道孔径 (mm) Flow port dimension	d	8	10.5	13.5	18	24	29	36.5	45	-
重量Weight(约)(Kg)		2.3	4	4	4.8	7.1	11	16	22.8	-

压力自紧式密封闸盖，全径，明杆支架 (OS & Y)
Pressure seal onset, full port outside screw and yoke (OS & Y)
末端连接为承插焊，设计按ASME B16.34
Socket welded ends, design conform to ASME B16.34

CL1500-CL2500



规格 (NPS) Specification	全径(F.P.)		3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度 (mm) Face to face	L	CL900-1500	140	140	140	140	178	178	216
		CL2500	186	186	186	186	232	232	279
手轮直径 (mm) Handwheel diameter	w	CL900-1500	200	200	200	200	280	280	300
		CL2500	200	200	200	200	280	280	300
中心高度(开)(mm) Height	H	CL900-1500	318	318	318	322	467	468	540
		CL2500	325	325	325	327	467	468	540
流道孔径 (mm) Flow port dimension	d	CL900-1500	14	14	14	19	25	30	36.5
		CL2500	14	14	14	19	25	30	36.5
重量Weight(约)(Kg)		CL900-1500	11.5	11.5	10.8	10.5	19.6	21.0	55.4
		CL2500	12.3	12.3	11.6	10.8	26.0	28.4	60.0



锻钢法兰闸阀
Special Purposes gate valves

螺栓连接阀盖, 辐杆, 明杆支架 (OS&Y)
Bolted bonnet, reducing port outside screw and yoke(OS & Y)
末端连接为法兰或对接, 设计按API602, API606
Flang-welded or butt-welded eds; design to API 602, BS5352

CL150-300-600

规格 (NPS) Specification	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度 (mm) Face to face	CL150	L1(RF) L1(BW)	-	-	108	117	127	140	165
	CL300		-	-	140	152	165	178	190
	CL600		-	-	165	190	216	229	241
手轮直径 (mm) Handwheel diameter	W	-	-	100	100	125	160	160	180
中心高度 (开) (mm) Height	CL150	H	-	-	176	184	217	226	250
	CL300, CL600	H	-	-	161	163	196	226	250
流道孔径 (mm) Flow port dimension	d	-	-	10	13.5	18	24	29	36.5
重量 (约) Weight (Kg)	CL150	RF	-	-	3.4	3.98	6.12	7.2	10.4
		BW	-	-	2.8	3.3	5.4	7.4	8.2
	CL300	RF	-	-	3.77	7.89	7.23	9.6	12.64
		BW	-	-	5.3	4.4	6.8	8.1	9.2
	CL600	RF	-	-	4.2	5.8	8.8	12.1	15.6
		BW	-	-	4.5	5.1	8.2	10.2	12.4

注: 如需法兰和阀体一体式锻造的请与远高销售人员联系。
Flange integrity forged steel valve enquiry please contact sales department

焊接阀盖, 全径, 明杆支架 (OS&Y)
Welded bonnet, full port outside screw and yoke(OS & Y)
末端连接为焊接法兰或对接焊缝, 设计按BS5352
Flang-welded or butt-welded eds, design to API 602, BS5352

CL900-CL1500

规格 (NPS) Specification	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度 (mm) Face to face	L1(RF), L1(BW)	-	-	216	229	254	279	305
	L1(RT), L1	-	-	216	229	254	279	305
手轮直径 (mm) Handwheel diameter	W	-	-	125	125	160	180	200
中心高度 (开) (mm) Height	H	-	-	191	192	219	257	296
流道孔径 (mm) Flow port dimension	d	-	-	13.5	18	24	29	36.5
重量 (约) (Kg)	-	-	-	7.2	11.5	15.6	16.2	22.6

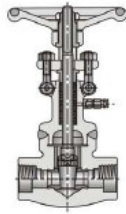
注: 如需法兰和阀体一体式锻造的请与远高销售人员联系。
Flange integrity forged steel valve enquiry please contact sales department

压力自紧式密封闸阀, 全径, 明杆支架 (OS&Y)
Pressure seal gate valves, full port outside screw and yoke(OS & Y)
末端连接为焊接法兰或对接焊缝, 设计按ASME B16.34
Flange-welded or butt-welded eds, design to ASME B16.34

CL2500

规格 (NPS) Specification	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
结构长度 (mm) Face to face	L1(RF), L1(BW)	-	-	264	273	308	-	384
	L1(RT), L1	-	-	264	273	308	-	387
手轮直径 (mm) Handwheel diameter	W	-	-	200	200	200	-	280
中心高度 (开) (mm) Height	H	-	-	325	325	327	-	478
流道孔径 (mm) Flow port dimension	d	-	-	13.5	13.5	19	-	30
重量 (约) (Kg)	-	-	-	4.6	6.8	7.6	-	15

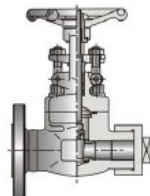
特殊用途闸阀 Special purposes gate valves



- ※焊接闸盖
- ※明杆支架
- ※双填料
- ※隔环
- ※注脂阀
- ※刚性闸板
- ※Welded bonnet
- ※OS & Y
- ※Packing
- ※Distance ring
- ※Injector sealing gum valves
- ※Solid wedge

真空闸阀 Vacuum gate valves

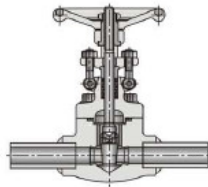
CLASS 800 API 602-BS 5352 缩径和全径 Reduced port & full port	温压等级 Temperature pressure rate	材料 Materials		
		壳体/闸盖 Body/bonnet	内件 Trim	螺栓 Bolt
	1975 psi @ 100° F	碳钢 Cast steel	13Cr	B7



- ※螺栓闸盖
- ※明杆支架
- ※管帽连接
- ※刚性闸板
- ※Bolted
- ※OS & Y
- ※Cap fitting connection
- ※Solid wedge

放空导淋阀 For venting and/or media

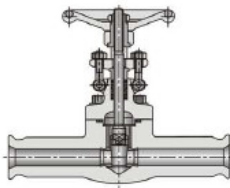
CLASS 800 API 602-BS 5352 缩径和全径 Reduced port & full port	温压等级 Temperature pressure rate	材料 Materials		
		壳体/闸盖 Body/bonnet	内件 Trim	螺栓 Bolt
	1975 psi @ 100° F	碳钢 Cast steel	13Cr	B7



- ※螺栓闸盖
- ※明杆支架
- ※双头管接
- ※刚性闸板
- ※Bolted bonnet
- ※OS & Y
- ※Double end pipe connection
- ※Solid wedge

管接闸阀 Coupling pipe valves

CLASS 800 API 602-BS 5352 缩径和全径 Reduced port & full port	温压等级 Temperature pressure rate	材料 Materials		
		壳体/闸盖 Body/bonnet	内件 Trim	螺栓 Bolt
	1975 psi @ 100° F	碳钢 Cast steel	13Cr	B7



- ※螺栓闸盖
- ※明杆支架
- ※卡箍连接
- ※刚性闸板
- ※Bolted bonnet
- ※OS & Y
- ※Hoop connection
- ※Solid wedge

卡箍闸阀 Hoop gate valves

CLASS 800 API 602-BS 5352 缩径和全径 Reduced port & full port	温压等级 Temperature pressure rate	材料 Materials		
		壳体/闸盖 Body/bonnet	内件 Trim	螺栓 Bolt
	1975 psi @ 100° F	碳钢 Cast steel	13Cr	B7

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Application:

Valve is a universal component industrial product that is widely used in many industries, such as petroleum, petrochemical, chemical, metallurgy, power, water conservancy, urban construction, machinery, coal, food, Sea water, Oil Refining, environment, energy.

Reference Standard:

API 600: cast carbon and alloy valves
 API 603: stainless steel valves
 API 602/BS 5352: forged valves
 API 6D: slab and through conduit valves for pipelines
 API 598 and BS EN 12266-1: valves testing
 ASME B16.10: face to face dimensions for valves
 ASME B16.5 and ASME B16.47: flanged connections
 ASME B16.25: butt weld connections design
 ASME B16.34: Pressure ratings pressure and temperature ratings by material grade
 ISO 7-1:1994, Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation.
 ISO 4200:1991, Plain end steel tubes, welded and seamless — Dimensions.
 ISO 5208:1993, Industrial valves — Pressure testing of valves.
 ISO 5209:1977, General purpose industrial valves — Marking.
 ISO 5210:1991, Industrial valves — multi-turn valve actuator attachments.
 ISO 5752: — 1), Metal valves for use in flanged pipe systems — Face-to-face and center-to-face dimensions.
 ISO 6708:1995, Pipework components — Definition and selection of DN (nominal size) .
 ISO 7005-1:1992, Metallic flanges — Part 1: Steel flanges.
 ISO 7268:1983, Pipe components — Definition of nominal pressure.
 ASME B1.1:1989, Unified inch screw threads (UN and UNR thread form) .
 ASME B1.5:1988 (R1994), Acme screw threads.
 ASME B1.8:1988 (R1994), Stub Acme screw threads.
 ASME B1.12:1987 (R1992), Screw threads — Class 5 interference — Fit thread.
 ASME B1.20.1:1983 (R1992), Pipe threads, general purpose (inch) .

ASME B16.5:1996, Pipe flanges and flanged fittings.
ASME B16.34:1996, Valves — Flanged, threaded and welding end.
ASME B18.2.2:1987 (R1993), Square and hex nuts (inch series) .
ASTM A193:1996, Specification for alloy steel and stainless-steel bolting materials for high-temperature service.
ASTM A194:1996, Specification for carbon and alloy steel nuts for bolts for high-pressure and high-temperature service.
ASTM A307:1994, Specification for carbon steel bolts and studs, 60 000 psi tensile strength.
MSS SP-55:1985 (R1990), Quality standard for steel castings, visual surface examination.
1) To be published. (Revision of ISO 5752:1982)



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