



A105N Forged Steel Oil Gas Valve PSB Globe Valve With 800lbs GVF-001500-N

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-V-19
- 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: A105N Oil Gas Valve,
Forged Steel Oil Gas Valve, 800lbs globe valve

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Product Description

Globe valves is a type of valve used for regulating flow in a pipeline, consisting of a movable plug or disc element and a stationary ring seat in a generally spherical body

Globe valves are named for their spherical body shape with the two halves of the body being separated by an internal baffle. This has an opening that forms a seat onto which a movable plug can be screwed in to close (or shut) the valve. The plug is also called a disc. In globe valves, the plug is connected to a stem which is operated by screw action using a handwheel in manual valves. Typically, automated globe valves use smooth stems rather than threaded and are opened and closed by an actuator assembly.

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⁾		1.4306	J92500	SCS1 9A	A276 304L	1.4306	S30403	SUS 304L
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⁾		1.4404	J92800	SCS1 6A	A276 316L	1.4404	S31603	SUS 316L
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-Nbi	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.

GLOBE Valves catalogue pages/Dimension List



www.deyepiping.com

锻钢截止阀

Forged steel globe valves

采用以下结构Construction is as follows

全径或缩径;
Full port or conventional port;
明杆支架式 (OS& Y)
Outside screw and yoke (OS & Y)
自定心压板压套式
Two piece self-aligning packing gland;
螺栓连接、缠绕垫片密封式阀盖
Bolted bonnet & spiral wound gasket seal bonnet;
螺栓连接、全焊密封式阀盖以及螺栓连接内压自紧式阀盖;
Bolted bonnet with spiral-wound gasket, threaded and seal welded bonnet or threaded and pressure seal bonnet;
整体式上密封; integral backseat;
承插端符合: ASME B16.11
Socket weld ends to ASME B16.11
螺纹连接端 (NPT) 符合 ANSI/ASME B1.20.1。
Screwed ends (NPT) to ANSI/ASME B1.20.1。
阀盖可变换为节流型、针型、球型和止回型。
Disc can change for throttle type, needle type, ball type and check type.

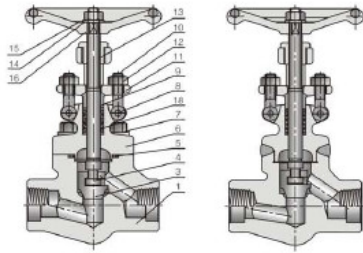
锻钢截止阀有三种阀盖设计形式。第一种是螺栓式阀盖，按这种设计形式设计的阀门，其阀体与阀盖用螺栓连接，缠绕式垫片（304奥氏体石墨制造）或采用金属环连接密封。第二种设计形式是焊接式阀盖，按这种设计形式的阀门，其阀体与阀盖用螺栓连接，全焊密封。客户有特殊要求时也可采用全焊透连接。第三种是压力自紧式阀盖，按这种设计形式设计的阀门，其阀体与阀盖用螺栓连接，内压自密封环密封。

valves are available in three bonnet designs. The first design is the Bolted Bonnet, with male-female joint, spiral wound gasket, made in F304L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint. On request a full penetration strength welded joint is available, the third design is the pressure seal bonnet, with a threaded and pressure seal bonnet joint.





内螺纹与承插焊截止阀
Female threaded and socket welded globe valve



应用规范Application standards

- 1、设计制造Design and manufacture conform to:
BS5352, MSS SP-118
- 2、连接端尺寸Connection ends dimension conform to:
1) 承插口尺寸Screw ends dimension conform to
ANSI B16.11; JB/T1751
2) 螺纹端尺寸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

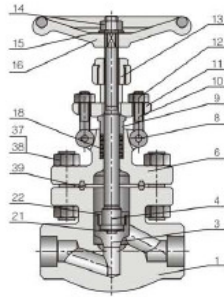
CL150~285P.S.I @100° F CL300~740P.S.I @100° F CL600~1480P.S.I @100° F CL800~1975P.S.I @100° F CL1500~3705P.S.I @100° F

典型零件材料表Main part materials list

序号 NO.	零件名称 Part name	A105/F6a	A105/F6a+HF	LF2/304	F11/F6a+HF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体Body	A105	A105+HF	LF2	F11+HF	F304(L)	F316(L)	F51
3	阀盖Disc	F6a	F6a	F304	F6a+HF	F304(L)	F316(L)	F51
4	阀杆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	316+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite
6	阀盖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	销轴Pin	410	410	410	410	304	304	304
9	填料压盖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
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



内螺纹与承插焊截止阀
Female threaded and socket welded globe valve



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

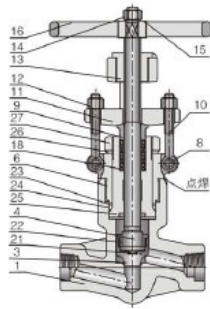
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHFS	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体Body	A105	A105+HF	LF2	F11+HF	F304(L)	F316(L)	F51
3	阀盖Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	阀杆Stem	410	410	304	410	304(L)	316(L)	F51
6	阀盖Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
8	销Pin	410	410	410	410	304	304	304
9	填料压套Gland	410	410	304	410	304	316	F51
10	调节螺栓 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
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
21	阀杆垫块 Stem pad	420	420	420	420	316SH	316SH	316SH
22	阀盖螺母 Disc nut	410	410	410	410	410	410	410
37	双头螺栓 Screwed stud	B7	B7	L7	B16	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

应用规范Application standards

- 1、设计制造Design and manufacture conform to:
BS5352, MSS SP-118
- 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, 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MaterialMaterials 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。



自密封截止阀
Pressure sealing globe valves



应用规范Application standards

- 1、设计制造Design and manufacture conform to:
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; JB79
- 3、阀门检查和试验Test and inspection conform to:
API586; GB/T13927; JB/T9092
- 4、结构特征structure features:
螺栓连接阀盖自紧式密封
A threaded and pressure seal bonnet;
Y型或T型结构 Y type and T type
- 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

CL1500-3705P.S.I @100° F CL2500-6170P.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/F6a+HF	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体Body	A105	A105+HF	LF2	F11+HF	F304(L)	F316(L)	F91+HF
3	阀瓣Disc	410	410	304	410	304(L)	316(L)	410+HF
4	阀杆Stem	410	410	304	410	304(L)	316(L)	410
6	阀盖Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F91
8	销Pin	410	410	410	410	304	304	410
9	填料压套Gland	410	410	304	410	304	316	410
10	活节螺栓 Gland eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8
11	填料压盖	A105	A105	LF2	F11	F304	F304	F91
12	六角螺母Hex nut	2H	2H	2H	2H	8(M)	8(M)	8
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
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
21	阀杆垫块 Stem pad	420	420	420	420	316SH	316SH	420
22	阀瓣螺母 Disc nut	410	410	410	410	304(L)	316(L)	410
23	密封圈垫片 Seal ring gasket	420	420	304	304	304(L)	316(L)	316(L)
24	自密封圈 P.S.ring	304	304	304	304	304	316	304
25	自密封座 P.S.seat	420	420	304	304	304(L)	316(L)	F91
26	螺母垫块 P.S.seat	410	410	410	410	410	410	410
27	拉紧螺母 Draw-in stud	碳钢Cart steel	碳钢Cart steel	碳钢Cart steel	碳钢Cart steel	不锈钢 Stainless steel	不锈钢 Stainless steel	碳钢Cart steel

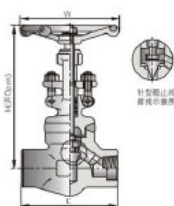
内螺纹与承插焊截止阀 Female threaded and socket welded globe valves



螺栓连接阀盖，缩径和全径，明杆支架 (OS & Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS & Y)
末端连接为螺纹或承插焊或对焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

CL800

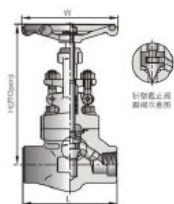
规格 (NPS) Specification	缩径(R.P)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	全径(F.P)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度 (mm) Face to face	L	79	79	92	111	120	152	172	200	-
手轮直径 (mm) Handwheel diameter	W	100	100	100	125	160	160	180	200	-
中心高度(开)(mm) Height	H	164	164	164	203	224	260	300	355	-
流通孔径 (mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	-
重量Weight(约)(Kg)		1.9	2.28	2.37	4.3	5.75	7.8	12.5	17.5	-



焊接连接阀盖，缩径和全径，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焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

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	2 1/2
结构长度 (mm) Face to face	L	79	79	92	111	120	152	172	200	-
手轮直径 (mm) Handwheel diameter	W	100	100	100	125	160	160	180	200	-
中心高度(开)(mm) Height	H	164	164	164	203	224	260	300	355	-
流通孔径 (mm) Flow port dimension	d	7	9	13	17.5	23	30	35	46	-
重量Weight(约)(Kg)		1.7	1.7	1.9	3.3	5.2	6.8	10.6	13.8	-



螺栓连接阀盖，缩径和全径，明杆支架 (OS & Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS & Y)
末端连接为螺纹或承插焊或对焊，设计按BS5352
Threaded, butt-welded or socket welded ends; design to BS5352

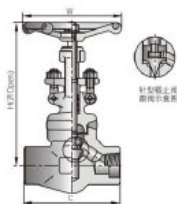
CL900-CL1500

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	-	-
结构长度 (mm) Face to face	L	92	111	111	120	152	172	220	-	-
手轮直径 (mm) Handwheel diameter	W	100	125	125	160	160	180	200	-	-
中心高度(开)(mm) Height	H	171	207	207	240	258	330	355	-	-
流通孔径 (mm) Flow port dimension	d	7	12	15	20	28	32	40	-	-
重量Weight(约)(Kg)		2.3	3.7	3.6	3.6	7.6	11.6	15	-	-

内螺纹与承插焊截止阀 Female threaded and socket welded globe valves

焊接连接阀盖，缩径和全径，明杆支架 (OS & Y)
Welded bonnet, full port reducing port outside screw and yoke (OS & Y)
未端连接为螺纹或承插焊对接，设计按BS5352
Threaded, butt-welded or socket welded ends, design to BS5352

CL900-CL1500

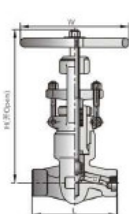


规格 (NPS) Specification	全径(F.P)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
缩径(R.P)	-	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
全径(F.P)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	-	-
结构长度 (mm) Face to face	L	92	111	111	120	152	172	220	-
手柄直径 (mm) Handwheel diameter	W	100	125	125	160	160	180	200	-
中心高度 (mm) Height	H	171	207	207	240	258	330	355	-
流道孔径 (mm) Flow port dimension	d	7	12	15	20	28	32	40	-
重量Weight(约)(Kg)		2.0	3.4	3.3	6.0	5.6	10.3	14.2	-

压力自紧式密封阀盖，全径，明杆支架 (OS & Y)
Pressure seal onnet, full port outside screw and yoke (OS & Y)

未端连接为螺纹或承插焊，设计按BS5352
Threaded, butt-welded or socket welded ends, design conform to BS5352

CL900-CL1500

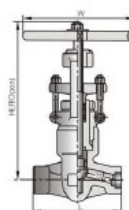


规格 (NPS) Specification	全径(F.P)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度 (mm) Face to face	L	140	140	140	178	178	216	-
手柄直径 (mm) Handwheel diameter	W	220	200	200	280	280	300	-
中心高度 (mm) Height	H	320	320	320	440	440	490	-
流道孔径 (mm) Flow port dimension	d	12	15	20	28	32	40	-
重量Weight(约)(Kg)		11.5	10.8	10.5	19.6	21.1	55.4	-

压力自紧式密封阀盖，全径，明杆支架 (OS & Y)
Pressure seal onnet, full port outside screw and yoke (OS & Y)

未端连接为承插焊，设计按ASME B16.34
socket welded ends, design conform to ASME B16.34

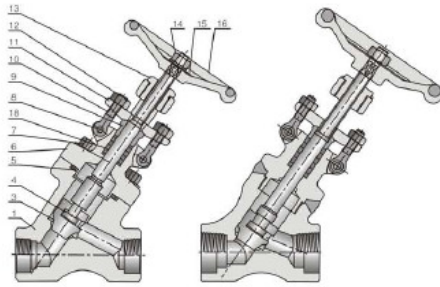
CL2500



规格 (NPS) Specification	全径(F.P)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
结构长度 (mm) Face to face	L	186	186	186	232	232	279	-
手柄直径 (mm) Handwheel diameter	W	200	200	200	280	280	300	-
中心高度 (mm) Height	H	375	378	380	490	490	540	-
流道孔径 (mm) Flow port dimension	d	11	14	19	25	28	35	-
重量Weight(约)(Kg)		12.3	11.6	10.8	26.0	28.4	60	-



内螺纹与承插焊Y型截止阀
Female threaded and socket welded Y type globe 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Alloy。

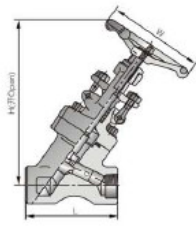
碳钢温度等级 Carbon steel temperature-pressure rate

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

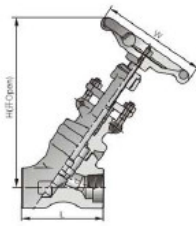
序号 NO.	零件名称 Part name	A105/F6a	A105/F6aHF	LF2/304	F11/F6aHF	F304(L)/304(L)	F316(L)/316(L)	F51/F51
1	阀体Body	A105	A105+HF	LF2	F11+HF	F304(L)	F316(L)	F51
3	阀瓣Disc	F6a	F6a	F304	F6aHF	F304(L)	F316(L)	F51
4	阀杆Stem	410	410	304	410	304(L)	316(L)	F51
5	垫片Gasket	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	304+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite	316+柔性石墨 Flexible graphite
6	阀盖Bonnet	A105	A105	LF2	F11	F304(L)	F316(L)	F51
7	螺栓Bolt	B7	B7	F7	B16	B8(M)	B8(M)	B8M
8	销轴Pin	410	410	410	410	304	304	304
9	填料压套Gland	410	410	304	410	304	316	F51
10	填料螺栓 Gland eyebolt	B7	B7	L7	B16	B8(M)	B8(M)	B8M
11	填料压盖 Gland flange	A105	A105	LF2	F11	F304	F304	F304
12	六角螺母Hex nut	2H	2H	2H	2H	B(M)	B(M)	8M
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
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

Y型截止阀 Y type globe valves



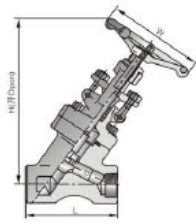
螺栓连接阀盖，缩径和全径，明杆支架 (OS & Y)
Bolted bonnet, full port reducing port outside screw and yoke(OS & Y)
末端连接为螺纹或承插焊对接，设计按BS5352
Threaded, butt-welded or socket welded eds; design to BS5352

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	—	—	—
结构长度 (mm) Face to face	L	98	98	98	120	140	140	170	—	—
手轮直径 (mm) Handwheel diameter	W	100	100	100	125	160	160	180	—	—
中心高度(开)(mm) Height	H	180	180	180	188	280	280	295	—	—
流道孔径 (mm) Flow port dimension	d	7	9	13	17.5	23	30	35	—	—
重量Weight(约)(Kg)		2.6	2.6	3.8	4.6	9.3	9.3	14	—	—



焊接连接阀盖，缩径和全径，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对接，设计按BS5352
Threaded, butt-welded or socket welded eds; design to BS5352

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	—	—	—
结构长度 (mm) Face to face	L	98	98	98	120	140	140	170	—	—
手轮直径 (mm) Handwheel diameter	W	100	100	100	125	160	160	180	—	—
中心高度(开)(mm) Height	H	198	198	198	207	280	280	295	—	—
流道孔径 (mm) Flow port dimension	d	7	9	13	17.5	23	30	35	—	—
重量Weight(约)(Kg)		1.8	1.8	2.0	3.5	8.0	8.0	12	—	—



螺栓连接阀盖，全径，明杆支架 (OS & Y)
Bolted bonnet, full port & outside screw and yoke(OS & Y)
末端连接为螺纹或承插焊对接，设计按BS5352
Threaded, butt-welded or socket welded eds; design to BS5352

规格 (NPS) Specification	全径(F.P)	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
结构长度 (mm) Face to face	L	120	120	120	140	170	170	220	—	—
手轮直径 (mm) Handwheel diameter	W	100	125	125	160	160	180	200	—	—
中心高度(开)(mm) Height	H	175	175	215	215	254	305	305	—	—
流道孔径 (mm) Flow port dimension	d	9	12	15	20	28	32	40	—	—
重量Weight(约)(Kg)		2.6	4.6	4.6	9.3	9.3	14	19.6	—	—

PAGE-16

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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