# API600 Oil Gas Valve WCB Stainless Steel Globe Valve With 150lbs 300lbs

# **Basic Information**

Place of Origin: CHINABrand Name: DEYE

Certification: ISO9001:2015 PED

Model Number: DY-V-18Minimum 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



• Standard: API600 ANSI B16.34 BS1873

• Material: WCB, WC5, W6, WC9, A105, Stainless

Steel, Duplex SS

• Pressure: 150LBS, 300LBS, 600LBS, 800LBS,

800LBS, 1500LBS, PN6, PN10, PN16, PN25, PN40, PN63/64, PN100, PN150/160,

PN250

• Size: 1/2"-16"

• Types: Bonnet Bolted, Welded Bonnet, Pressure

Seal ,Bellow Seal

• Connetion: Flanged, Butt Welded, BW, Socket Welded,

SW, Thread, NPT, BSPT

Highlight: API600 Oil Gas Valve, 300lbs Oil Gas Valve,

WCB Stainless Steel Globe Valve



# **Product Description**

# API600 Oil Gas Valve WCB Stainless Steel Globe Valve With 150lbs 300lbs,600lbs, 900lbs, 1500lbs

**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

# **Project Material List Grade**

Martenstic Stainless Steel		Standards											
Name	Main	Castings			Bar or Forg	Bar or Forgings							
13CF-4Ni-0.8Mo	Ingredients	ASTM	(W	1	JIS	ASTM	(W	1	JIS				
13Cr-4Ni-0.8Mo	Martenstic Stair	iless Steel											
18Cr-8Ni-LS (1)   A351 CF8   1.430   J92600   SCS1   A276 304   1.4301   S30400   SUS 30	13Cr-4Ni-0.8Mo	A743 CA6NM		J91540	SCS6		1.4313	S41500					
A351 CF8   B   B   B   B   B   B   B   B   B	Austenitic Stain	less Steel					•						
18Cr-8Ni-LS (1)         8         3A	18Cr-8Ni	A251 CE0	1.430	102600	SCS1	A 276 204	1 4201	620400	CI IC 20/				
18Cr-8Ni-LC (2)       A351 CF3       6       J92500       9A       A276 304L       1.4306 S30403 304L         18Cr-9Ni-2Mo-LS (1)       A351 CF8M       1.440       J92900       SCS1 4A       A276 316       1.4401 S31600 SUS 336L         18Cr-9Ni-2Mo-LS (1)       A351 CF3M       1.440       J92800 SCS1 6A       A276 316L       1.4404 S31603 SUS 316L         18Cr-10Mi-Nb       A351 CF8C       1.455 J92710 SCS2 1 A276 347       A276 317 L4449 S31700 SUS 336L         18Cr-12Ni-3.5Mo       A351 CG8M       J93000 A276 317 L4449 S31700 SUS 3317L         18Cr-12Ni-3.5Mo-LC (2)       A351 CG3M       J92999 A276 317L L4438 S31703 SUS 317L         18Cr-13Ni-4.5Si       A351 CN7M SCS2 A351 CN	18Cr-8Ni-LS <sup>(1)</sup>	ASSICE		J92600		A276 304	1.4301	530400					
1.440	18Cr-8Ni-LC <sup>(2)</sup>	A351 CF3		J92500		A276 304L	1.4306	S30403					
18Cr-9Ni-2Mo-LS (1)	18Cr-9Ni-2Mo												
LC (2) A351 CF3M 4 J92800 6A A276 316L 1.4404 S31603 316L 18Cr-10Mi-Nb A351 CF8C 2 J92710 SCS2 A276 347 1.455 S34700 SUS 34 18Cr-12Ni-3.5Mo A351 CG8M J93000 A276 317 1.4449 S31700 SUS 35 SMO-LC (2) A351 CG3M J92999 A276 317L 1.4438 S31703 SUS 317L 18Cr-13Ni-4.5Si A351 CN7M A3		A351 CF8M		J92900		A276 316	1.4401	S31600	SUS 316				
18Cr-12Ni- 3.5Mo         A351 CG8M         J93000         A276 317         1.4449 S31700 SUS 3:31700 SUS 3:31703 SUS 3:31703 SUS 3:317L           18Cr-12Ni- 3.5Mo-LC (2)         A351 CG3M         J92999         A276 317L         1.4438 S31703 SUS 3:17L           18Cr-13Ni-4.5Si         Invariant of the control of		A351 CF3M		J92800	6A		1.4404	S31603					
3.5Mo	18Cr-10Mi-Nb	A351 CF8C	1	J92710	SCS2 1	A276 347	1.455	S34700	SUS 347				
3.5Mo-LC (2) A351 CG3M  J92999  A276 317L  1.4438 S31703 317L  18Cr-13Ni-4.5Si 21Cr-29Ni- 2.5Mo-3.5Cu A351 CN7M A351 CN7M B A473 N08020  A473 N08020  2.466 N08020  21Cr-29Ni- 2.7Mo-3.2Cu-LC (2)  25Cr-20N  A351 CK20  J94202 SCS1 A276 310S  1.4845 S31008 SUS 310S  33Ni-20Cr-45Fe- Nbi  A351 CT15C  1.485 9  N28820  B408 N08800  1.4876 N08800 NCF80		A351 CG8M		J93000		A276 317	1.4449	S31700	SUS 317				
3.5Mo-LC (2) 18Cr-13Ni-4.5Si 21Cr-29Ni- 2.5Mo-3.5Cu 21Cr-29Ni- 2.7Mo-3.2Cu-LC CN3MCu  25Cr-20N  A351 CK20  B408  N08800  A351 CK50  B408  N08800  A351 CK50  B408  N08800  A351 CK50  A351 CK50  B408  N08800  A351 CK50  A473  A476  A473  A476  A477  A47	18Cr-12Ni-	A351 CG3M		102000		A276 317I	1 4438	C21702					
21Cr-29Ni- 2.5Mo-3.5Cu A351 CN7M 6 J95150 SCS2 21Cr-29Ni- 2.7Mo-3.2Cu-LC CN3MCu J94202 SCS1 25Cr-20N A351 CK20 J94202 SCS1 A276 310S 1.4845 S31008 SUS 310S 33Ni-20Cr-45Fe- Nbi A351 CT15C 1.485 9 N28820 B408 N08800 NCF80	3.5Mo-LC <sup>(2)</sup>	ASST COSIVI		032333		A270 317L	1.4450	001700	317L				
2.5Mo-3.5Cu													
2.7Mo-3.2Cu-LC A990 CN3MCu 3 3 4276 310S 1.4845 S31008 SUS 310S 33Ni-20Cr-45Fe-Nbi A351 CT15C 1.485 9 N28820 B408 N08800 1.4876 N08800 NCF80		A351 CN7M	1	J95150	0000	F	2.466	N08020					
33Ni-20Cr-45Fe- Nbi A351 CT15C 9 N28820 B408 N08800 NCF80	2.7Mo-3.2Cu-LC												
110				J94202		A276 310S	1.4845	S31008					
Super Austenitic Stainless Steel	33Ni-20Cr-45Fe- Nbi	A351 CT15C	1.485 9	N28820			1.4876	N08800	NCF800				
Ouper Austernatio Otaliness Oteen	Super Austeniti	c Stainless St	eel										

21Cr-24Ni- 6.5Mo-N	A351 CN3MN				B691 N08367		INDXX67	SUS 836L
25Cr-24Ni- 6.5Mo-N	A351 CN3MN mod.							
20Cr-18Ni- 6.5Mo-N-Cu	A351 CK3MCuN		J93254		A276 S31254		S31254	
<b>Duplex Stainles</b>								
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 S	tainless Steel					-		
25Cr-7Ni-3Mo-N				SCS1 0	A479 S32750	1.446	1532750	SUS 329J4L
28Cr-7Ni-4Mo-N				SCS1 0 mod.				
Cu-N-W		1.446 8	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 Workin	g Pressure			
air test for seal	0.6Mpa by a				
Valve Size			t Duration (Se	,	
DN	NPS	Shell	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.

Maximur	n allowabl	e Leakage Ra							
Valve Size		All —Resilient	Metal Seat Except Che	eck		Metal Seated Check Valves			
DN (mm)	NPS	Seated Valves	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	21/2	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 96 192 2.02 144

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**



美标铸钢截止阀 API Cast Steel Globe Valve

#### 应用规范

- 1、阀门的设计与制造按BS 1873的规定 2、阀门的压力温度基准按ANSI B16.34的规定
- 3、连接法兰按B 16.5的规定
- 4、阀门的检验与验收按API 598的规定

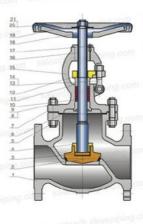
#### Application Of Norms

- 1. Valve design and manufacturing requirements in accordance with BS 1873
  - 2. Valve pressure and temperature basis, by the provisions of ANSI B16.34
- The connection flange in accordance with the provisions of B16.5
   The valve according to API 598 inspection and acceptance requirements

#### 主要零件材质 Parts Material

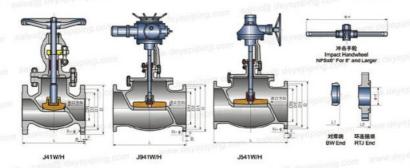
序号	寄件名称		対版 aterial
No.	Parts Name	不發與 Stainless Steel	SARI Cast Steel
1	概体 Body	A351-CF8	A216-WCB
2	問題 Disc	A182-F304	2Cr13
3	阀杆 Stem	A182-F304	A182-6A
4	機算盖 Disc cover	A182-F304	2Cr13
5	缩绕接片 Spiral wound gasker	PTFE	Flexible graphite+30
6	上密封座 The seal seat	F304	2Cr13
7	概盖 Valve cover	A351-CF8	A216-WCB
8	螺栓 Bolt	A193-B8	A193-B7
9	螺母 Nut	A194-8	A194-2H
10	填料Packing	PTFE	Flexible graphite
11	填料压套 Press kit packing	CF8	2Cr13
12	填料压板 Packing plate	CF8	A216-WCB
13	螺母 Nut	A194-8	A194-2H
14	Salo 11 Pin	410	35
15	螺栓 Bolt	A193-B7	A193-B7
16	阀杆螺母 Stem nut	ZCuA110Fe3	ZCuA110Fe3
17	螺钉 Screw	410	A105
18	手轮 Handwheel	KTH300-8	KTH300-8
19	铭牌 Nameplate	L2	L2
20	螺母 Nut	B8 00 11	A194-2H
21	整圈 Washer	410	Q235A





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# 美标150Lb铸钢截止阀 Class 150 Cast Steel Globe Valve

	SRM.	Gizo				尺寸Dimens	ons(mm)								
压力等级 Class	NPS	DN		L		d	н	н		Augus		ht(kg)			
	NPS	DN	RF	RTJ	BW	a May e D	ping co	HI	W	W1	H.W	G.0			
	1/2	15	108	119	108	13	192		100	•	4.01	1 -10			
c0ff7	3/4	20	117	130	117	19	193	om. si	100		6	-			
	1	25	127	140	127	25	217	•	100		8	m •W			
1.0001	11/4	32	140	152	140	32	235	com.	135	deyep	12				
	11/2	40	165	178	165	38	258		135		16	om •			
g.com	2	50	203	216	203	51	330	008	200	deye	17.5				
	21/2	65	216	229	216	64	360		250		29	-om*			
150LBS	3	80	241	254	241	76	390	o deen	280	g deys	32				
	4	100	292	305	292	102	445		300		51	00.0			
ing cor	5	125	356	369	356	127	480	no com	350	(I) dey	67				
	6	150	406	419	406	152	520	556	350	310	92	258			
ping.co	8	200	495	508	495	203	600	658	400	310	147	300			
	10	250	622	635	622	254	773	805	450	460	250	450			
oloing.	12	300	698	711	698	305	880	955	500	460	415	725			



#### 美标铸钢截止阀 API Cast Steel Globe Valve

#### 美标300Lb-900Lb铸钢截止阀 Class300-Class900 Cast Steel Globe Valve

	規格	Size	R + Dimensions(mm)								22	
压力等级 Class	NPS	DN		L		d	н	н	w	W1	Wei	ght(kg)
	1113		RF	RTJ	BW	pilig.	0.00		"	***	H.W	G.0
58/090	1/2	15	152	164	152	14	185	-in-	100	ping.C	5	
	3/4	20	178	191	178	19	195		100		7	0.00
sales	(1.1)	25	203	216	203	25	220		135	pip#19	10	week.
	11/4	32	216	229	216	32	240	Sillows	135		14	100
	11/2	40	229	241	229	38	260		160	miding	19	WWW
Saile	2	50	267	283	267	51	385	80/05	200		25	
300LBS	21/2	65	292	308	292	64	420	-	200		42	WAS
SUULBS	3	80	318	333	318	76	440	3810	280		46	
	4	100	356	371	356	102	515		350		74	(6)
m 58	5	125	400	416	400	127	580	n •sal	350	Annin	111	7.0
	6	150	444	460	444	152	660	690	400	310	165	195
om s	8	200	559	575	559	203	900	960	550	460	275	327
	10	250	622	638	622	254	950	990	600	460	400	452
ont .	12	300	711	727	711	305	1030	1080	700	460	624	725
	2	50	292	295	292	51	360		250		32	
com	21/2	65	330	333	330	64	410		280	dayap	42	(III)
	3	80	356	359	356	76	465	CONTRACTOR	300		63	
BOOLBS	4 5	100	432	435	432	102	545	575	400	310	107	138
NORMS!	5	125	508	511	508	127	625	660	500	310	185	215
	6	150	559	562	559	152	785	820	550	460	290	342
gucom	8	200	660	664	660	200	930	960	650	460	540	645
	2	50	368	371	368	51	480		350		56	oó*
ng.com	21/2	65	419	422	419	64	520	ng epm	350	- III	68	
	3	80	381	384	381	76	564	630	400	310	95	128
900LBS	4	100	457	460	457	102	685	720	450	310	160	210
	5	125	559	562	559	127	780	840	550	460	270	325
ping.0	6	150	610	613	610	152	950	1015	650	460	410	480

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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, 0il 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.

 ${\sf ASME~B1.12.1987~(R1992),~Screw~threads--Class~5~interference---Fit~thread}.$ 

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

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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