



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

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-V-18
- 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

- 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
- Connection: Flanged, Butt Welded, BW, Socket Welded, SW, Thread, NPT, BSPT
- Highlight: **API600 Oil Gas Valve, 300lbs Oil Gas Valve, WCB Stainless Steel Globe Valve**



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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⁾								
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⁾								
18Cr-9Ni-2Mo-LC ⁽²⁾	A351 CF3M	1.4404	J92800	SCS1 6A	A276 316L	1.4404	S31603	SUS 316L
18Cr-10Mi-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				SCS1 0	A479 S32750	1.446	S32750	SUS 329J4L
28Cr-7Ni-4Mo-N				SCS1 0 mod.				
25Cr-7Ni-3Mo-Cu-N-W	A890 Gr.6A CD3MWCuN	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 Working Pressure				
air test for seal	0.6Mpa by air				
Valve Size		Minimum Test Duration (Seconds)			
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.					

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	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	0	96	192	144	2.02	72
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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

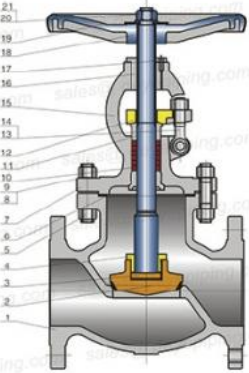
2、 Valve pressure and temperature basis, by the provisions of ANSI B16.34

3、 The connection flange in accordance with the provisions of B16.5

4、 The valve according to API 598 inspection and acceptance requirements

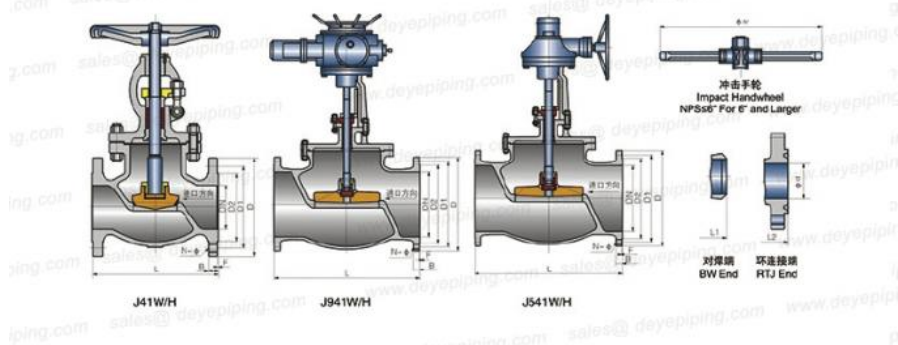
主要零件材质 Parts Material

序号 No.	零件名称 Parts Name	材质 Material	
		不锈钢 Stainless Steel	铸钢 Cast Steel
1	阀体 Body	A351-CF8	A216-WCB
2	阀瓣 Disc	A182-F304	2Cr13
3	阀杆 Stem	A182-F304	A182-6A
4	阀瓣盖 Disc cover	A182-F304	2Cr13
5	缠绕垫片 Spiral wound gasket	PTFE	Flexible graphite304
6	上密封座 The seal seat	F304	2Cr13
7	阀盖 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	销 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	A194-2H
21	垫圈 Washer	410	Q235A

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

压力等级 Class	规格 Size		尺寸 Dimensions (mm)								重量 Weight (kg)	
	NPS	DN	L			d	H	H1	W	W1	H.W	G.O
			RF	RTJ	BW							
150LBS	1/2	15	108	119	108	13	192	-	100	-	4	-
	3/4	20	117	130	117	19	193	-	100	-	6	-
	1	25	127	140	127	25	217	-	100	-	8	-
	1 1/4	32	140	152	140	32	235	-	135	-	12	-
	1 1/2	40	165	178	165	38	258	-	135	-	16	-
	2	50	203	216	203	51	330	-	200	-	17.5	-
	2 1/2	65	216	229	216	64	360	-	250	-	29	-
	3	80	241	254	241	76	390	-	280	-	32	-
	4	100	292	305	292	102	445	-	300	-	51	-
	5	125	356	369	356	127	480	-	350	-	67	-
	6	150	406	419	406	152	520	556	350	310	92	258
	8	200	495	508	495	203	600	658	400	310	147	300
	10	250	622	635	622	254	773	805	450	460	250	450
	12	300	698	711	698	305	880	955	500	460	415	725



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

压力等级 Class	规格Size		尺寸Dimensions(mm)								重量 Weight(kg)	
	NPS	DN	L			d	H	H1	W	W1	H.W	G.O
			RF	RTJ	BW							
300LBS	1/2	15	152	164	152	14	185	-	100	-	5	-
	3/4	20	178	191	178	19	195	-	100	-	7	-
	1	25	203	216	203	25	220	-	135	-	10	-
	1 1/4	32	216	229	216	32	240	-	135	-	14	-
	1 1/2	40	229	241	229	38	260	-	160	-	19	-
	2	50	267	283	267	51	385	-	200	-	25	-
	2 1/2	65	292	308	292	64	420	-	200	-	42	-
	3	80	318	333	318	76	440	-	280	-	46	-
	4	100	356	371	356	102	515	-	350	-	74	-
	5	125	400	416	400	127	580	-	350	-	111	-
	6	150	444	460	444	152	660	690	400	310	165	195
	8	200	559	575	559	203	900	950	550	460	275	327
600LBS	10	250	622	638	622	254	960	990	600	460	400	462
	12	300	711	727	711	305	1030	1080	700	460	624	725
	2	50	292	295	292	51	360	-	250	-	32	-
	2 1/2	65	330	333	330	64	410	-	280	-	42	-
	3	80	356	359	356	76	465	-	300	-	63	-
	4	100	432	435	432	102	545	575	400	310	107	138
	5	125	508	511	508	127	625	660	500	310	185	215
	6	150	559	562	559	152	785	820	550	460	290	342
900LBS	8	200	660	664	660	206	930	960	650	460	540	645
	2	50	368	371	368	51	480	-	350	-	56	-
	2 1/2	65	419	422	419	64	520	-	350	-	68	-
	3	80	381	384	381	76	564	630	400	310	95	128
	4	100	457	460	457	102	665	720	450	310	160	210
	5	125	559	562	559	127	780	840	550	460	270	325
	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, 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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