

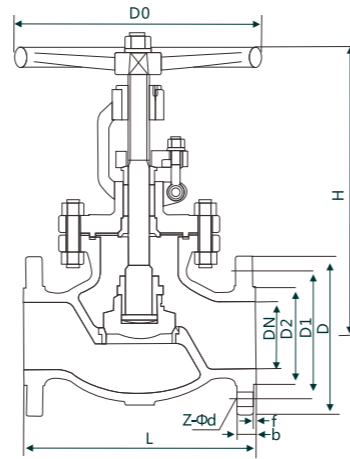
J41 ^W/_H -150Lb

Product overview

American standard globe valve mainly has API and ASM standards,ASTM,ASTM is the material standard, not the valve itself standard;Globe valves designed, manufactured, produced/tested to American standards are called globe valves

Product advantages

1. The fluid resistance is small, and its resistance coefficient is equal to that of the pipe section of the same length.
- 2, simple structure, small size, light weight.
- 3, precise and reliable, the sealing surface material of gate valve is widely used in plastic, good sealing, and has been widely used in vacuum system.
- 4, easy to operate, open and close quickly, from fully open to fully closed as long as the rotation of 90°, is the remote control.
- 5, convenient maintenance, simple structure, sealing ring is generally active, disassembly and replacement is more convenient.
6. When fully open or fully closed, the sealing surface of the valve body and seat is isolated from the medium. When the medium passes, it will not cause the erosion of the sealing surface of the valve.
- 7, wide range of application, diameter from small to millimeter, to a few meters, from high altitude to high pressure can be applied, when the ball rotates 90°, inThe exits should be completely spherical to cut off the flow.



standard

Design and Manufacture	The length of the structure	Flange dimensions	Butt weld connection dimensions	Pressure-temperature	Test and inspection
ANSI B16.34 BS1873	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API 598

Pressure test

Nominal pressure PN(LB)	Strength test		Water seal test		Gas seal test	
	MPa	Lbf/in2	MPa	Lbf/in2	MPa	Lbf/in2
150	3.0	430	2.2	315	0.4-0.7	60-100
300	7.7	1110	5.7	815		
600	15.3	2220	11.3	1630		
900	23.0	3330	17.0	2445		
1500	38.4	5560	28.2	4080		
2500	64.0	9255	47.0	6790		

Material and performance of main parts

Body cover	The valve stem	Sealing surface	Gasket (ring)	packing	Working temperature	Applicable medium
WCB	2Cr13	CF8/13Cr/STL Body material /nylon	Enhanced flexible graphite 13Cr/ flexible graphite SFB-2 08 Mild steel F304 F316 F304L F316L	Flexible graphite Reinforced flexible graphite	≤425	Steam oil
WC1	38CrMoAl				≤425	
WC6					≤540	
WC9					≤570	
C5 C12					≤540	
CF8	F304				Urea nitrate acetate	≤200
CF8M	F316					
CF3	F304L					
CF3M	F316L					

Note: electric or gear rotation, price separately.

Main dimensions and weight

DN		150LB convex flange (RF) Main dimensions (mm)								kg
mm	in	L	D	D1	D2	b	N-φd	H	D0	
15	1/2	108	89	60.5	35	11.2	4-16	241	100	6.9
20	3/4	117	98	69.9	43	12.7	4-16	241	100	9.8
25	1	127	108	79.2	51	14.2	4-16	242	125	13.5
32	1 1/4	140	117	89	63	16	4-16	280	160	19.5
40	1 1/2	165	127	98.6	73	17.5	4-16	286	160	28.5
50	2	203	152	120.7	92	19	4-19	368	200	18
65	2 1/2	216	178	139.7	105	22.4	4-19	387	200	30
80	3	241	190	152.4	127	24	4-19	411	250	41
100	4	292	229	190.5	157	24	4-19	454	250	64
125	5	356	254	216.0	186	24	8-22.5	455	350	86
150	6	406	279	241.3	216	25.4	8-22.5	541	350	113
200	8	495	343	298.5	270	28.4	8-22.5	651	450	178
250	10	622	406	362.0	324	30.2	12-25.4	800	450	270
300	12	698	483	431.8	381	32	12-25.4	1231	600	350
350	14	787	533	476.3	413	35	12-29	1450	600	460
400	16	914	597	539.8	470	36.6	16-29	1645	600	590

DN		300LB convex flange (RF) Main dimensions (mm)								kg
mm	in	L	D	D1	D2	B	N-φd	H	D0	
15	1/2	152	95	66.5	35	14.2	4-16	241	140	7.7
20	3/4	178	117	82.5	43	16	4-19	241	140	11.3
25	1	203	123	89	51	17.5	4-19	283	160	16.8
32	1 1/4	216	133	98.5	63	19	4-19	320	200	21.2
40	1 1/2	229	155	114.3	73	20.6	4-22.5	322	200	32.6
50	2	267	165	127	92	22.4	8-19	399	200	25
65	2 1/2	292	190	149.4	105	25.4	8-22.5	438	250	30
80	3	318	210	168.1	127	28.4	8-22.5	464	280	35
100	4	356	254	200.2	157	31.8	8-22.5	565	350	56
125	5	400	279	235	186	35	8-22.5	614	350	96
150	6	444	318	269.7	216	36.6	12-25.4	717	400	120
200	8	559	381	330.2	270	41.2	12-25.4	930	500	212
250	10	622	444	387.4	324	47.8	16-28.5	1012	550	330
300	12	711	521	450.8	381	50.8	16-32	1231	600	472
350	14	838	584	514.4	413	54	20-32	1450	600	715
400	16	864	648	571.5	470	57.2	20-35	1645	600	920

DN		600LB convex flange (RF) Main dimensions (mm)								kg
mm	in	L	D	D1	D2	B	N-φd	H	D0	
15	1/2	165	95	66.5	35	14.5	4-16	285	100	7.8
20	3/4	190	117	82.5	43	16	4-19	285	125	12.5
25	1	216	124	89	51	17.5	4-19	313	160	17.5
32	1 1/4	229	133	98.5	63	21	4-19	328	160	23.5
40	1 1/2	241	156	114.3	73	22.5	4-22.5	365	180	38.5
50	2	292	165	127	92	33	8-19	444	200	35
65	2 1/2	330	190	149.4	105	36	8-22.5	483	250	50
80	3	356	210	168.1	127	39	8-22.5	533	250	60
100	4	432	273	216	157	45	8-25.4	622	350	110
125	5	508	330	266.7	186	52	8-28.5	750	350	200
150	6	559	356	292.1	216	55	12-28.5	800	450	230
200	8	660	419	349.3	270	63	12-32	927	500	410
250	10	787	508	431.8	324	71	16-35	1257	600	625
300	12	838	559	489	381	74	20-35	1468	680	860