

# ASME cast steel flanged globe valve



## PRODUCT OVERVIEW

Body material:	ASTM A216 WCB
Size range:	1 1/4" ~ 8"
Pressure rating:	Class 150lb ~ 300lb
Operating temperature:	-29 ~ 425°C
End connection:	Flanged
Applicable medium:	Water , Steam, Oil
Mode of operation:	Manual
Applicable industry:	Chemical & Petrochemical, Oil & Gas, Mining & Minerals, Power generation, Water & Water Treatment, Pulp & Paper, Municipal, Heating & Ventilation
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

## DESIGN FEATURES

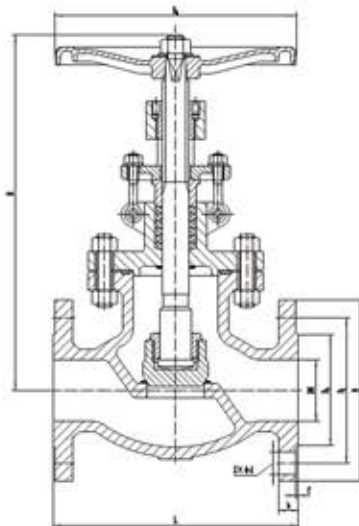
1. This is a flange valve, which implements the standard ASME B16.5.
2. This valve is composed of a valve body, a bonnet, a valve clack, a valve stem, valve stem nuts and a hand wheel. The valve stem rotates by turning the hand wheel to drive the valve clack to rise or fall for opening and closing.



## VALVE MATERIAL LIST

Part name	Material
Valve body, Bonnet	ASTM A216 WCB
Valve clack	ASTM A105
Valve stem	ASTM A276 420
Stem nut	ASTM B148 C95200

## TECHNICAL SPECIFICATIONS



Model	DN (mm)	Size(mm)									
		L	D	D <sub>1</sub>	D <sub>2</sub>	b-f	z-φ d	H <sub>1</sub>	H <sub>2</sub>	D <sub>0</sub>	
J41H-150LB	1 1/4	32	140	115	88.9	63.5	16-1.6	4-φ 16	232	256	140
	1 1/2	40	165	125	98.4	73	16-1.6	4-φ 16	260	288	160
	2	51	203	150	120.7	92.1	19.5-1.6	4-φ 19	294	327	200
	2 1/2	64	216	180	139.7	105	22.5-1.6	4-φ 19	326	366	240
	3	76	241	190	152.4	127	24-1.6	4-φ 19	365	418	240
	4	102	292	230	190.5	157	23.9-1.6	8-φ 19	396	446	280
	5	125	356	255	215.9	186	23.9-1.6	8-φ 22	450	516	320
	6	152	405	280	241.5	216	26-1.6	8-φ 22	505	590	400
8	203	495	345	298.5	270	29-1.6	8-φ 22	601	702	450	

Model	DN (mm)	Size(mm)									
		L	D	D <sub>1</sub>	D <sub>2</sub>	b-f	z-φ d	H <sub>1</sub>	H <sub>2</sub>	D <sub>0</sub>	
J41H-300LB	2	51	267	165	127	92	23-1.6	8-φ 16	328	362	240
	2 1/2	64	292	190	149.2	105	25.5-1.6	8-φ 22	387	432	280
	3	76	318	210	168.3	127	30.2-1.6	8-φ 22	416	457	280
	4	102	356	255	200	157	32-1.6	8-φ 23	452	504	320
	5	125	400	280	235	186	35-1.6	8-φ 23	509	580	360
	6	152	444	320	269.9	216	36.6-1.6	12-φ 23	580	671	400