

API594 cast steel swing check valve

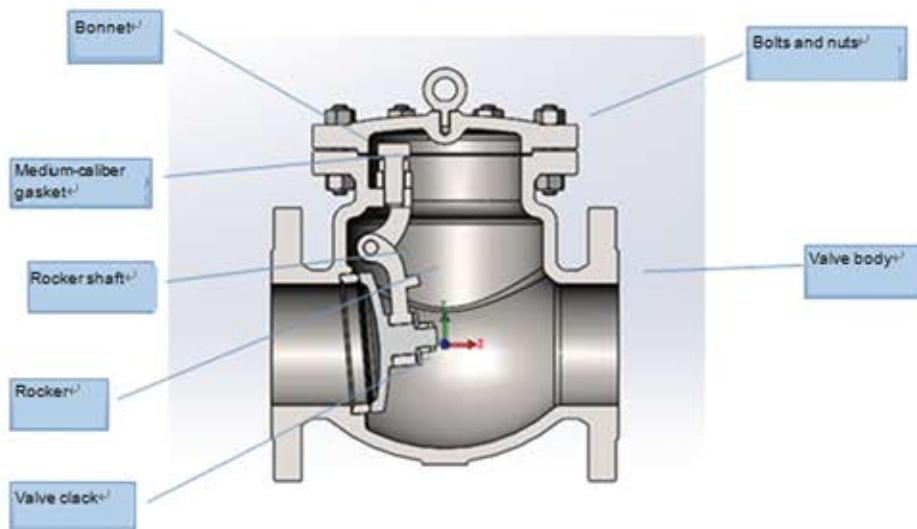


PRODUCT OVERVIEW

Body material:	ASTM A216 WCB
Size range:	2 " ~ 12 "
Pressure rating:	Class 150lb
Operating temperature:	-29 ~ 425°C
End connection:	Flanged
Applicable medium:	Water, oil, steam
Mode of operation:	/
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

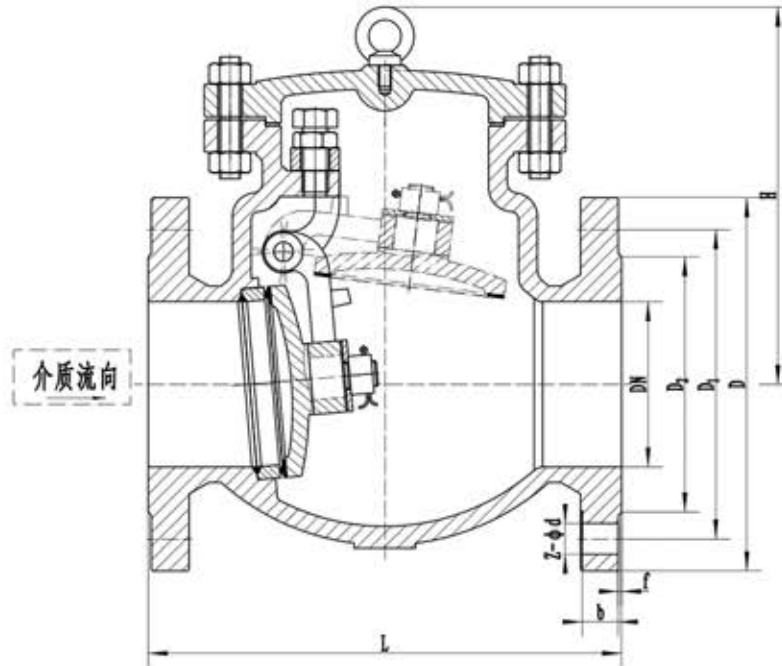
This valve is composed of a valve body, a bonnet, a valve clack, a rocker and other parts. The valve clack can automatically prevent the fluid from flowing back. The valve clack of this valve opens under the action of fluid pressure, and the fluid flows from the inlet to the outlet. When the inlet pressure is lower than the outlet pressure, the valve clack closes automatically under the action of the fluid pressure difference, gravity and other factors to prevent the medium from flowing back.



VALVE MATERIAL LIST

Part name	Part material
Valve body, bonnet, bracket, rocker	ASTM A216 WCB
Cylindrical pin	ASTM A276 410
Valve clack	ASTM A105/ASTM A216 WCB

TECHNICAL SPECIFICATIONS



Model	Size(mm)							
	L	D	D ₁	D ₂	b-f	z-φd	H	
2"	203	150	120.7	92.1	17.5-2	4-φ19	150	
2.5"	216	180	139.7	105	20.7-2	4-φ19	168	
3"	241	190	152.4	127	22.3-2	4-φ19	179	
4"	292	230	190.5	157	22.3-2	8-φ19	233	
5"	330	255	215.9	185.7	23-2	8-φ22.2	253	
6"	356	280	241.3	216	23.9-2	8-φ22.2	297	
8"	495	345	298.5	270	28-2	8-φ22.2	334	
10"	622	405	362	323.8	28.6-2	12-φ25.4	395	
12"	698	485	431.8	381	30.2-2	12-φ25.4	451	