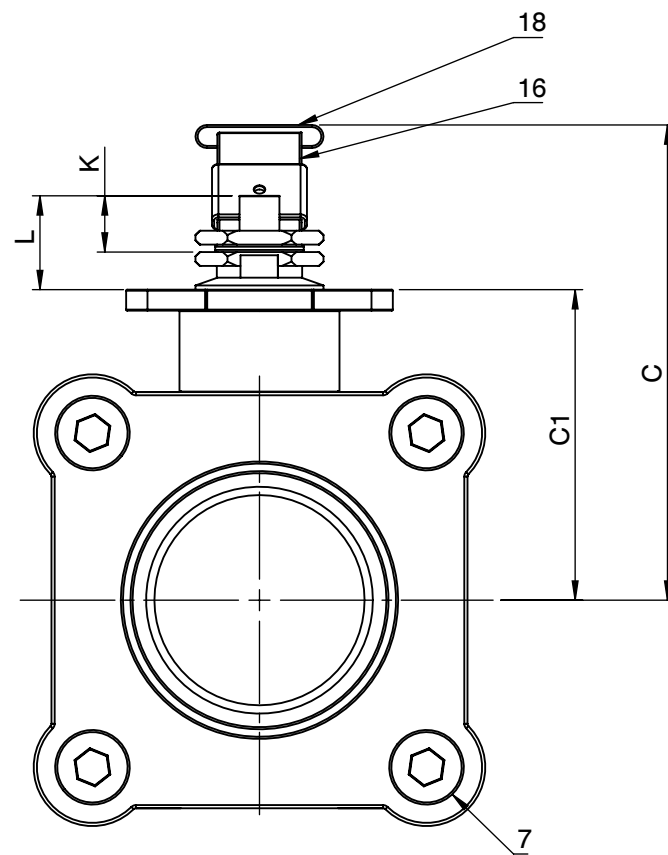




Technical drawing of a pressure release valve assembly in cross-section. The drawing shows a central vertical assembly with a pressure release hole. Key components are labeled with numbers 1 through 21. Dimensions A ± .06 and B are indicated. A detail view of a pin is shown on the right.

Labels and dimensions:

- 1: Base plate
- 2: O-ring
- 3: Gasket
- 4: Bolt
- 5: Nut
- 6: Washer
- 7: Seal
- 8: Pin
- 9: Spring
- 10: Valve stem
- 11: Valve seat
- 12: Valve body
- 13: Valve cap
- 14: Valve handle
- 15: Valve pin
- 16: Valve pin
- 17: Valve pin
- 18: Valve pin
- 19: Valve pin
- 20: Valve pin
- 21: Valve pin

Dimensions:

- A ± .06: Overall width of the base plate.
- B: Overall height of the base plate.
- D: Overall width of the valve assembly.

Pressure Release Hole

NO	Name	Material
1	Body	ASTM A216 WCB
2	Cap	ASTM A216 WCB
3	Ball	ASTM A351 CF8
4	Seat	TFM
5	Gasket (Inner)	TFM
6	Gasket (Outer)	TFM
7	Bolt	EN3506 A2-70/ A193 B8
8	Stem	17-4PH
9	Thrust Bearing	Carbon PTFE
10	Thrust Washer	50%SS PTFE
11	Stem Packing	TFM
12	Packing Follower	SS304
13	Belleville Washer	SS301
14	Lock Washer	SS304
15	Stem Nut	SS304
16	Handle	SS304
17	Stopper	SS304
18	Plastic Cover	Plastic
19	Locking Device	SS304
20	Anti-Static Spring	SS301
21	Anti-Static Ball	SS316

ANSI PRESSURE RATING CLASS 600/2250 WOG	
SEAT TEST @ 80~100 PSI	ASME B16.34
SHELL TEST @ 2225 PSI	ASME B16.34
PRESSURE TEMPERATURE RATING	ASME B16.34
END CONNECTION	ASME B16.25
JOINT STRENGTH	ASME B16.34
WALL THICKNESS	ASME B16.34
BASIC DESIGN	ASME B16.34