



## VCI® Series 11F Instrument Isolation Valves





## 11F - SPECIFICATIONS

### Instrument Isolation Valves

VCI® - 11F series are wafer style ball valves with flange design that either isolate an instrument or sit between two process flanges to isolate a process line.

Wafer style construction makes this valve lighter and more compact than conventional flange-to-flange mounted ball valves. This makes it ideal for space and weight sensitive applications such as offshore platforms, as well as the many common isolation requirements found in oil, gas and chemical processing installations.

### Features

- Valve size: 2" x 1" x 2" (Other sizes are available)
- Available in ANSI classes 300 and 600
- Unidirectional
- Compact wafer style body
- Bubble tight shut-off
- Anti-blowout stem design
- Stem and ball anti-static devices - Firesafe design
- Live-loaded seats
- Raised Face flanges to ASME B16.5
- Available in Ring Type Joint & Flat Face flanges
- Separate needle valves for:
  - Isolation
  - Vent / Test
  - Equalization



### CANADA

AP 6D: 6D-1342

ISO 9001:2015: 0052985-01



### CHINA

API 6D: 6D-1822

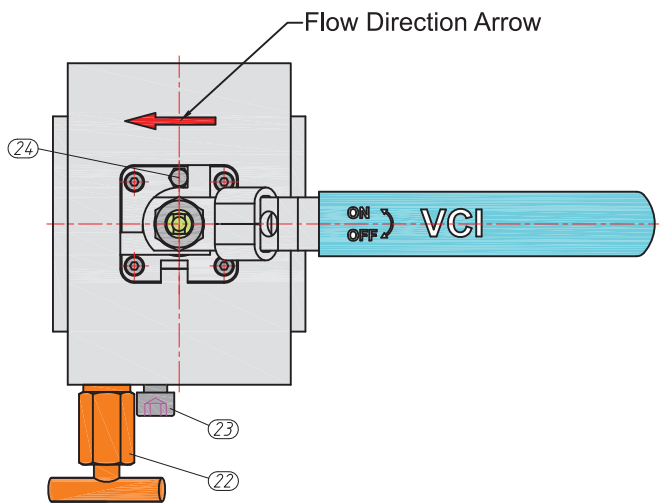
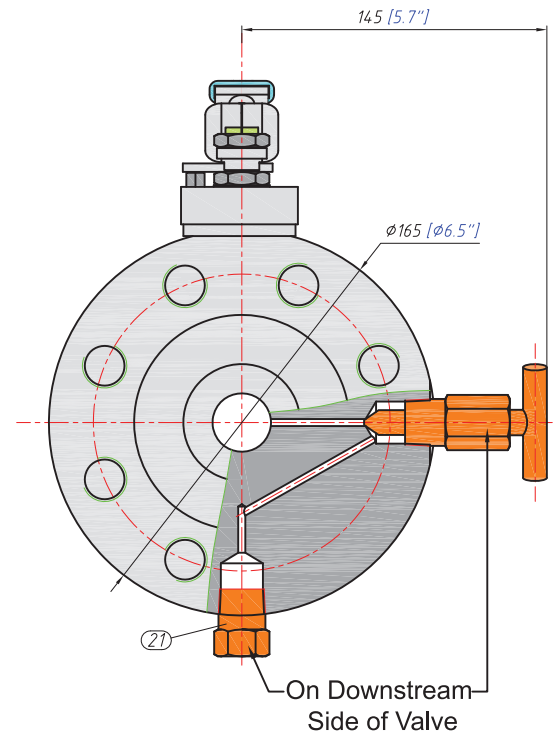
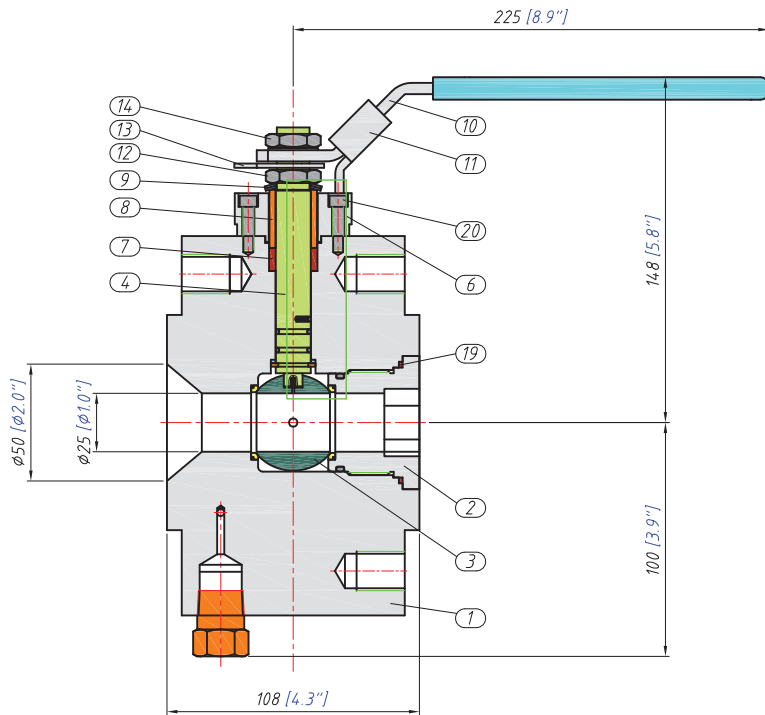
API Spec Q1: Q1-3641

ISO 9001:2015: ISO-3983

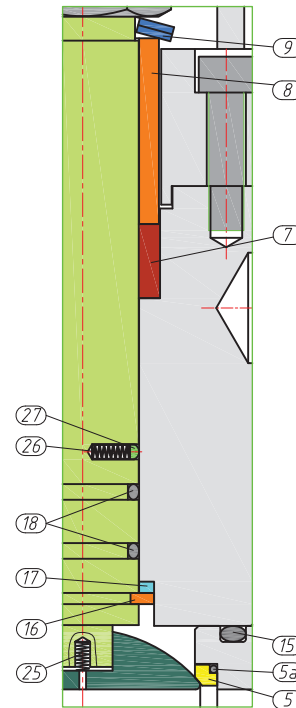




# 11F - CROSS SECTION VIEW

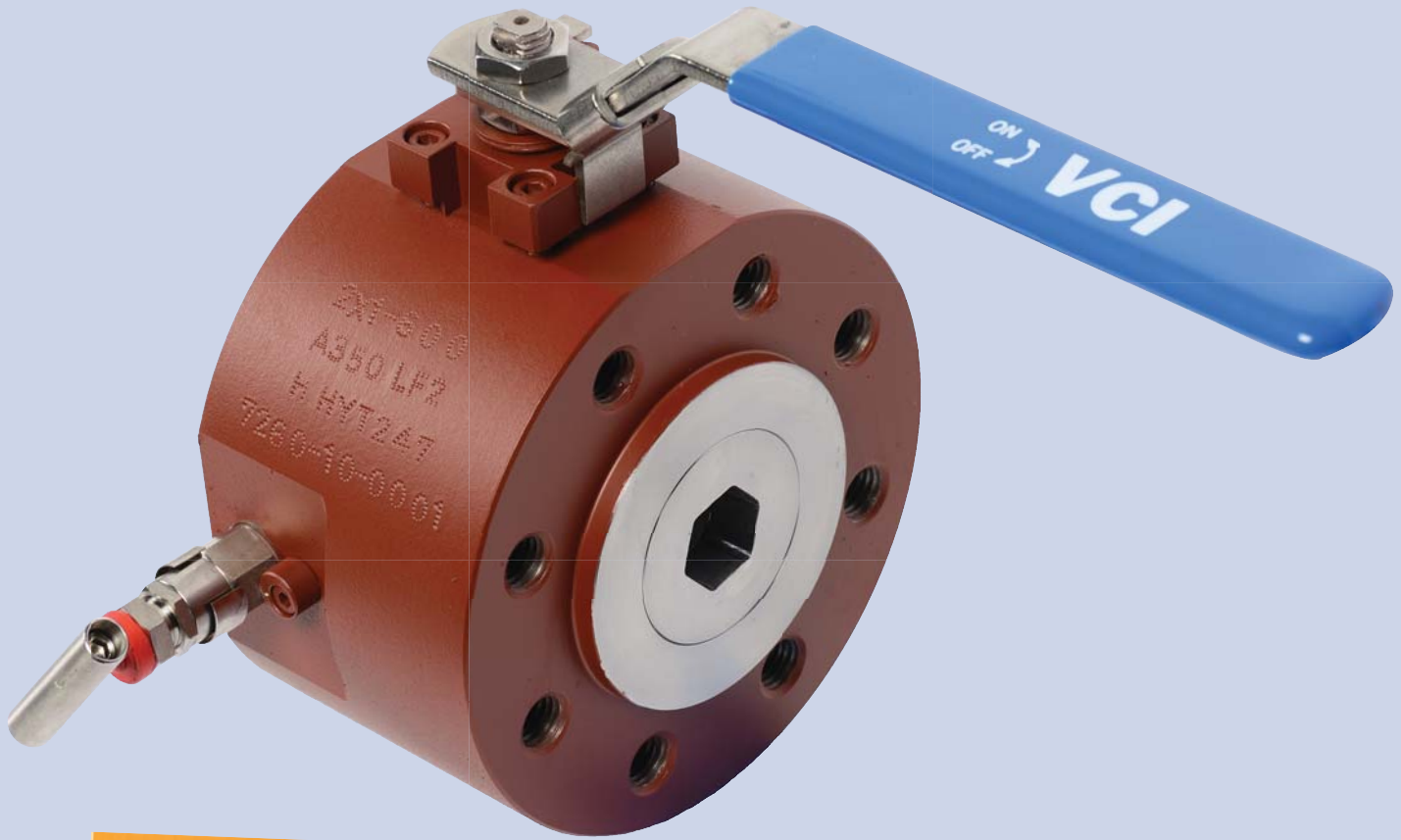


**Weight**  
16 Kg [35.3 lbs]



Item	Part Description
1	Body
2	Body cap
3	Ball
4	Stem
5	Seat
5A	Seat O-ring
6	Stem flange
7	Stem firesafe seal
8	Gland ring
9	Belleville spring
10	Handle
11	Handle locking device
12	Stem retainer nut
13	Stop plate
14	Top handle retainer nut
15	Primary body O-ring seal
16	Stem anti blowout metal ring
17	Stem thrust washer
18	Stem O-ring
19	Secondary body seal - Firesafe
20	Stem flange capscrew
21	Drain plug
22	Needle valve
23	Needle valve fixed capscrew
24	Stop pin
25	Stem antistatic spring
26	Stem antistatic spring
27	Stem antistatic piston

Notes: All dimensions are in mm [inch].  
Shown dimensions and weight are for typical 2" x 1" x 2" class ANSI 600 valve.



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