

## Single Door, Wafer Check Valve

FIG. F0412-300

### Specifications

- Meet or exceed the requirements of UL 312 and API 584 standard.
- Spring loaded for fast closure.
- Vertical or Horizontal installation.
- Resilient-seated for perfect tightness even at low differential pressure.
- Excellent flow characteristics and low pressure losses at high flow rates.
- Connection Ends: Complied with ASME B16.1 Class 125 and ASME B16.5 Class 150 Flanges.

- UL 312/ULC listed and FM 1210 approved.

### Working Pressure and Temperature

- 300 psi @ 0°C to 87°C.

### Corrosion Protection

- Fusion bonded coating interior and exterior meet or exceed all applicable of AWWA C550 standard.

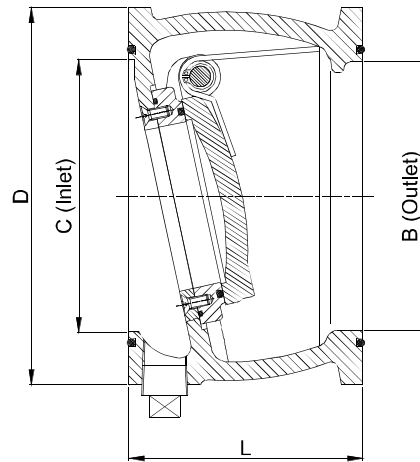
### Options

- Spray painted.

### Material Specifications

Part	Material	ASTM Specification
Body	Ductile Iron	A536 Class 65-45-12
Body Seat Ring	Bronze	B62 C83600
Seat O-Ring	Rubber	D2000 NBR
Disc	Bronze	B62 C83600
Spring	Stainless Steel	A276 Grade 302
Seat Screw	Stainless Steel	A276 Grade 304
Hinge pin	Stainless Steel	A276 Grade 304
Pin Retainer	Carbon Steel	A105

### Schematic



### Main Dimensions (mm/inch)

Size	4	6	8
L	108/4.25	95/3.75	95/3.75
D	174/6.75	216/8.50	280/11.00
B(Outlet)	124/4.88	168/6.60	220/8.60
C(Inout)	126/4.96	156/6.14	195/7.70

#### Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.