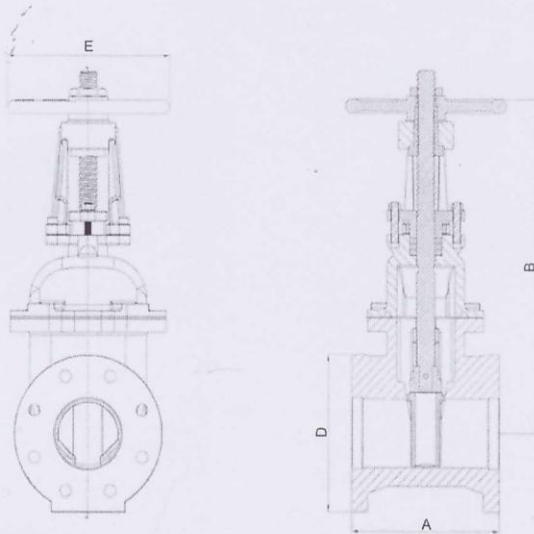




## OS&Y Resilient Wedge Gate Valve

### Model 103 FF

UL Listed / FM Approved



#### Valve Standard

Conforms to AWWA C509

#### Pressure & Rating

250 PSI/17.2 Bar Non-Shock Cold Working Pressure  
(160° F/71° C max. operating temperature)

Outside Screw and Yoke · Resilient Wedge ·  
Epoxy Coated Interior/Exterior  
Pre-Grooved Stem for Supervisory Switch

Electrostatically applied fusion - bonded epoxy 0.2-0.5 mm. inside and outside as per AWWA C-550.

Drilled, Tapped and Plugged at Boss Location A: 1/2" - valve sizes 2 1/2" - 4"  
3/4" - valve sizes 6" - 8"  
1" - valve sizes 10" - 12"

Size	65 mm	80 mm	100 mm	150 mm	200 mm	250 mm	300 mm
A	190	203	229	267	292	330	356
B (Open)	453	500	534	744	939	1139	1326
B (Closed)	378	405	422	581	724	877	1014
D	178	191	229	279	343	406	483
E	200	200	260	315	375	416	445
Turns to Open	8.8	10.5	13	15.7	17.2	21.4	25.5
Weight (Kg)	20	24	43	70	112	159	220

Freezing weather precaution - subsequent to testing a piping system, valves should be in an open position to allow complete drainage.

Option of PN-16, ANSI-125 and ANSI150 available

Continued overleaf

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## OS&Y Resilient Wedge Gate Valve

### Model 103 FF

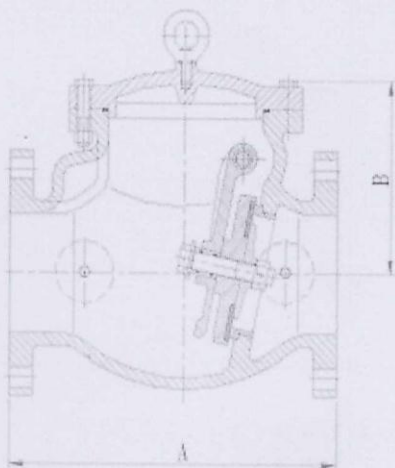
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#### Material Specifications

Valve Body	Ductile Iron ASTM A 536
Resilient Wedge	Ductile Iron ASTM A 536/EPDM ASTM D 2000
Wedge Nut	Bronze ASTM B 584 UNS C83600
Dowel Pin	Stainless Steel ASTM A 276 UNS S42000
Stem Back Seat O-Ring	EPDM ASTM D 2000
Bonnet Gasket	EPDM ASTM D 2000
Bonnet	Ductile Iron ASTM A 536
Stem Packing	EPDM ASTM D 2000
Threaded Rod	Carbon Steel Zinc Plated
Gland Bushing	Bronze ASTM B 584
Gland	Cast Iron ASTM A 126-B
Gland Nut	Stainless Steel 18-8
Yoke Screw	Alloy Steel ASTM A 574M Zinc Plated
Yoke	Cast Iron ASTM A 126-B
Yoke Bushing	Bronze ASTM B 584
Flat Point Set Screw	Alloy Steel ASTM F 912M Black Oxide
Yoke Bushing Retainer	Cast Iron ASTM A 126-B
Handwheel	Ductile Iron ASTM A 536
Handwheel Nut	Carbon Steel Zinc Plated
Flat Head Screw	Carbon Steel Zinc Plated
Stem	Bronze ASTM B 150 UNS C61400
Bonnet Screw	Alloy Steel ASTM A 574M Zinc Plated
NPT Pipe Plug	Malleable Iron ANSI B16.3 (Epoxy Coated)

## CVF300 Resilient Seat Check Valve

UL Listed / FM Approved



### Valve Standard

AWWA C508, Clear Waterway.

### Pressure & Rating

Working Pressure: 20.7 Bar

Temperature: -10 °C to 120 °C

Flange Ends: EN1092-2 PN10 / PN16. ANSI B16.1 Class 125. (Please specify on order).

Face to Face Dimensions: Conform to AWWA C508, Clear Waterway.

Fusion Bonded Epoxy Coated Interior and Exterior

### Dimensions

Size		50 mm	65 mm	80 mm	100 mm	125 mm	150 mm	200 mm	250 mm	300 mm
A	mm	203	254	279	330	356	406	495	559	660
B	mm	127	140	146	171	203	222	267	311	343

### Material Specifications

Item	Material	ASTM Spec
Seat Ring	Bronze	B62
Plug Washer	PTFE	Commercial
Hinge Pin	SS304	AISI 304
Retainer Washer	Bronze	B62
Disc	Ductile Iron	A536 65-45-12
Clapper Arm	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Cover	Ductile Iron	A536 65-45-12
Body	Ductile Iron	A536 65-45-12

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