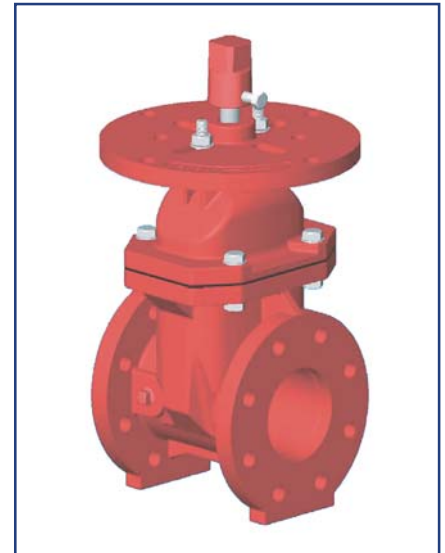
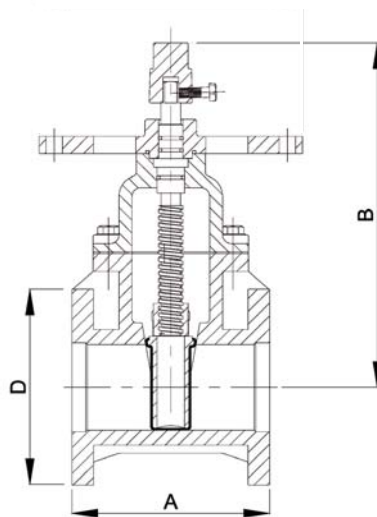
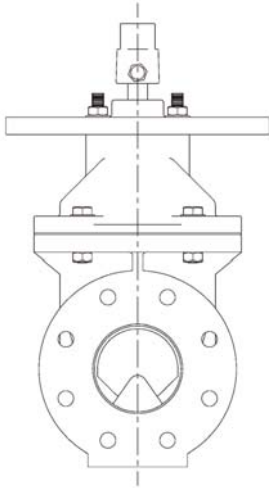




Non Rising Stem Resilient Wedge Gate Valve Model 104 FF

UL Listed All Sizes / FM Approved Sizes 2.5" to 12"



Valve Standard

Conforms to AWWA C509

Pressure & Rating

250 PSI/17.2 Bar Non-Shock Cold Working Pressure

Coating - Electrostatically applied fusion - bonded epoxy 0.2-0.5 mm. inside and outside.
Meets and exceeds AWWA C550. Maximum operating temperature 160 °F / 71 °C

Drilled and Tapped 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	50 mm	65 mm	80 mm	100 mm	150 mm	200 mm	250 mm	300 mm
A	178	190	203	229	267	292	330	356
B	270	293	322	352	445	528	617	705
D	152	178	191	229	279	343	406	483
Turns to Open	6.5	8.8	10.6	13.0	15.6	17.3	21.4	25.3
Weight (Kg)	14	16	20	32	55	89	134	194

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
Post indicator plates standard on 4" to 12" valves only

Continued overleaf
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Non Rising Stem Resilient Wedge Gate Valve Model 104 FF

UL Listed All Sizes / FM Approved Sizes 2.5" to 12"

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
Stem	Bronze ASTM B 150 UNS C61400
Bonnet Gasket	EPDM ASTM D 2000
Bonnet screw	Alloy steel ASTM A 574M Zinc plated
Bonnet	Ductile iron ASTM A 536
Stern Primary O-ring	EPDM ASTM D2000
Stern Thrust Washer (upper)	Bronze ASTM B 584 UNS C83600
Stern Thrust Washer (lower)	Stainless Steel ASTM A 276 UNS S41000
Gland Seal O-ring	EPDM ASTM D 2000
Stern Sealing Brushing	Bronze ASTM B 584 UNS C83600
Stern Secondary O-ring (2)	EPDM ASTM D 2000
Gland Flange	Ductile Iron ASTM A 536
Stem Ring Wiper	EPDM ASTM D 2000
Square Operating Nut	Cast Iron ASTM A 126-B
Operating Nut Washer	Carbon Steel Zinc Plated
Operating Nut Screw	Alloy Steel ASTM A 574M Zinc Plated
Gland Flange Screw	Alloy Steel ASTM A 574M Zinc Plated
Indicator Flange Screw	Alloy Steel ASTM A 574M Zinc Plated
Indicator Post Flange	Ductile Iron ASTM A 536