



WEFLO

A-Fire Protection Valves

NRS RESILIENT SEATED GATE VALVE, FLANGE ENDS 300PSI



Fig. F0211-300

Specification

- Valves comply with AWWA C515.
- Non rising stem.
- With indicator post flange and a 2" square operating nut.
- Triple O-ring stem seal.
- NPT brass plug on body.
- Flanges designed to EN1092-2 PN10 / PN16, ANSI B16.1 Class125 (Others available on request) .
- All flanges are flat face.
- FM and UL approved.

Working Pressure

- 300PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

- Design and material are subject to change without notice.

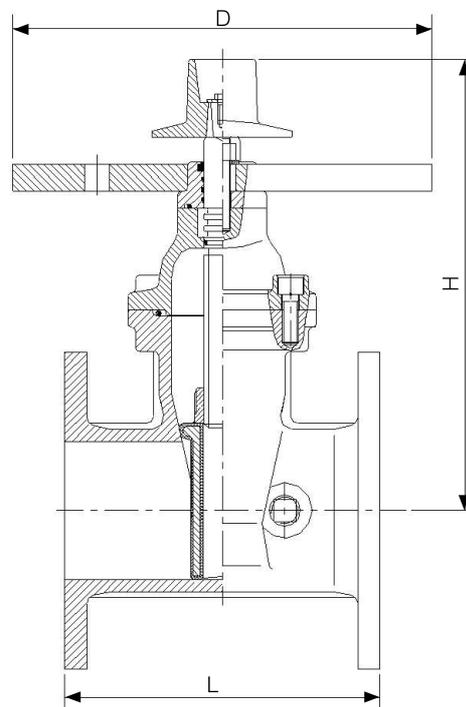


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Material Specification and Dimensions

Materials Specification

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron, EPDM Encapsulated	
Wedge Nut	Bronze	ASTM B62
Stem	Stainless Steel	AISI 420
Thrust Collar	Bronze	ASTM B62
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Gland	Ductile Iron	A536 65-45-12
O-ring	EPDM	Commercial
Post Flange	Ductile Iron	A536 65-45-12
Operating Nut	Ductile Iron	A536 65-45-12
NPT Plug	Brass	B16, C36000
Indicator Flange Bolts	Stainless Steel	AISI 316
Bonnet Bolts	Carbon Steel	A307 B



Dimensions (mm / inch)

Size	4"		5"		6"		8"		10"		12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
L	229	9	254	10	267	10-1/2	292	11-1/2	330	13	356	14
H	350	13-3/4	410	16-1/8	455	17-15/16	545	21-7/16	645	25-3/8	730	28-3/4
D	305	12	305	12	305	12	305	12	305	12	305	12
Weight(kg)	30		35		50		75		110		164	

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NRS RESILIENT SEATED GATE VALVE, FLXMJ ENDS Size 300PSI



Fig. F0213-300

Specification

- Valves comply with AWWA C515.
- Non rising Stem.
- With indicator post flange and 2" square operating nut.
- Triple O-ring stem seal.
- NPT brass plug on body.
- Flange designed to EN1092-2 PN10 / PN16, ANSI B16.1 Class125 (Others available on request).
- All flanges are flat face.
- With the mechanical joint designed to ANSI/AWWA C153/A21.53.
- FM and UL approved.

Working Pressure

- 300PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

- Design and material are subject to change without notice.

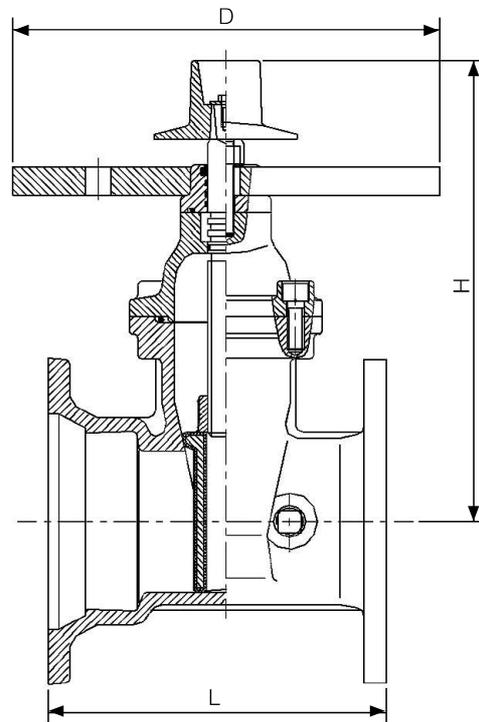


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Material Specification and Dimensions

Materials Specification

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron, EPDM Encapsulated	
Wedge Nut	Bronze	ASTM B62
Stem	Stainless Steel	AISI 420
Thrust Collar	Bronze	ASTM B62
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Gland	Ductile Iron	A536 65-45-12
O-ring	EPDM	Commercial
Post Flange	Ductile Iron	A536 65-45-12
Operating Nut	Ductile Iron	A536 65-45-12
NPT Plug	Brass	B16, C36000
Indicator Flange Bolts	Stainless Steel	AISI 316
Bonnet Bolts	Carbon Steel	A307 B



Dimensions (mm / inch)

Size	4"		6"		8"		10"		12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
L	241.5	9-1/2	279.5	11	305	12	352.5	13-7/8	367	14-7/16
H	350	13-3/4	455	17-15/16	545	21-7/16	645	25-3/8	730	28-3/4
D	305	12	305	12	305	12	305	12	305	12
Weight(kg)	31		51.5		77.5		114		169.5	

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NRS RESILIENT SEATED GATE VALVE, MXMJ ENDS 300PSI



Fig. F0233-300

Specification

- Valves comply with AWWA C515.
- Non rising stem.
- With indicator post flange and a 2" operating nut.
- Triple O-ring stem seal.
- NPT plug on body.
- With the mechanical joint designed to ANSI/AWWA C153/A21.53.
- FM and UL approved.

Working Pressure

- 300PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

- Design and material are subject to change without notice.

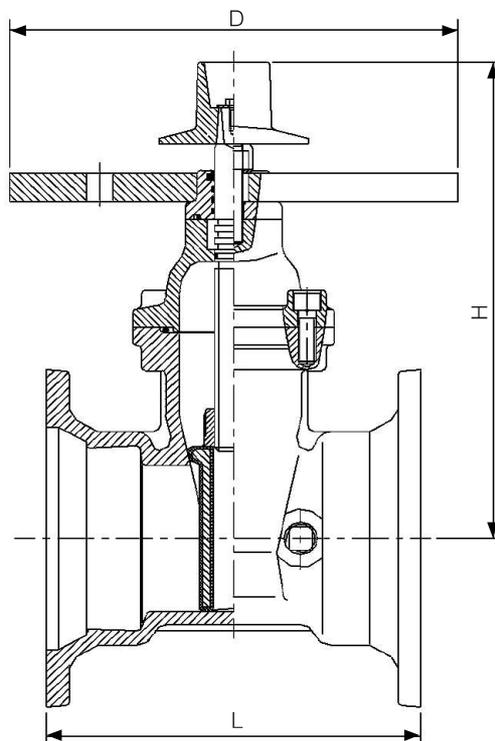


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Material Specification and Dimensions

Materials Specification

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron, EPDM Encapsulated	
Wedge Nut	Bronze	ASTM B62
Stem	Stainless Steel	AISI 420
Thrust Collar	Bronze	ASTM B62
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Gland	Ductile Iron	A536 65-45-12
O-ring	EPDM	Commercial
Operating Nut	Ductile Iron	A536 65-45-12
Post Flange	Ductile Iron	A536 65-45-12
NPT Plug	Brass	B16, C36000
Indicator Flange Bolts	Stainless Steel	AISI 316
Bonnet Bolts	Carbon Steel	A307 B



Dimensions (mm / inch)

Size	4"		6"		8"		10"		12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
L	254	10	292	11-1/2	318	12-1/2	375	14-3/4	378	14-7/8
H	350	13-3/4	455	17-15/16	545	21-7/16	645	25-3/8	730	28-3/4
D	305	12	305	12	305	12	305	12	305	12
Weight(kg)	32		52.5		80		118		175	

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NRS RESILIENT SEATED GATE VALVE, GROOVE ENDS 300PSI



Fig. F0222-300

Specification

- Valves comply with AWWA C515.
- With indicator post flange and a 2" square operating nut.
- Triple O-ring stem seal.
- NPT brass plug on body.
- Grooved to Metric or AWWA C606 standard.
- FM and UL approved.

Working Pressure

- 300PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

- Design and material are subject to change without notice.

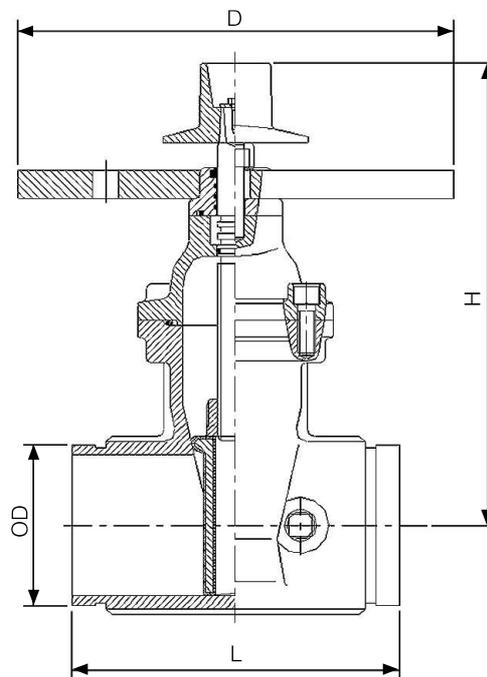


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Material Specification and Dimensions

Materials Specification

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron, EPDM Encapsulated	
Wedge Nut	Bronze	ASTM B62
Stem	Stainless Steel	AISI 420
Thrust Collar	Bronze	ASTM B62
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Gland	Ductile Iron	A536 65-45-12
O-ring	EPDM	Commercial
Post Flange	Ductile Iron	A536 65-45-12
Operating Nut	Ductile Iron	A536 65-45-12
NPT Plug	Brass	B16, C36000
Indicator Flange Bolts	Stainless Steel	AISI 316
Bonnet Bolts	Carbon Steel	A307 B



Dimensions (mm / inch)

Size	4"		5"		6"		8"		10"		12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
OD	114.3	4-1/2	139.7	5-1/2	165.1	6-1/2	219.1	8-5/8	273.0	10-3/4	323.9	12-3/4
			141.3	5-9/16	168.3	6-5/8						
L	229	9	254	10	267	10-1/2	292	11-1/2	330	13	356	14
H	350	13-3/4	410	16-1/8	455	17-15/16	545	21-7/16	645	25-3/8	730	28-3/4
D	305	12	305	12	305	12	305	12	305	12	305	12
Weight(kg)	28		36.5		43.5		66		103		144	

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OS&Y RESILIENT SEATED GATE VALVE, FLANGE ENDS 300PSI

Fig. F0111-300



Specification

- Valves comply with AWWA C515.
- The handwheel is attached to the yoke by a heavy duty nut.
- High quality graphite stem seal.
- NPT brass plug on body.
- Flanges EN1092-2 PN10 / PN16, ANSI B16.1 Class125 (Others available on request).
- All flanges are with flat face.
- FM and UL approved.

Working Pressure

- 300PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

- Design and material are subject to change without notice.

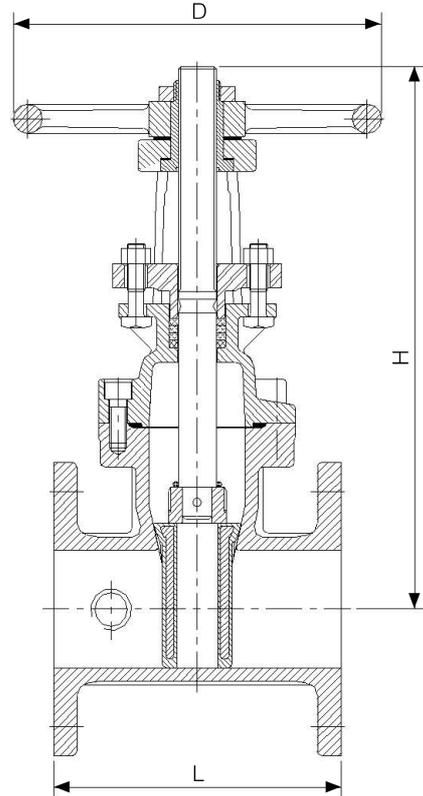


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Material Specification and Dimensions

Materials Specification

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron, EPDM Encapsulated	
Wedge Nut	Stainless Steel	AISI 304
Stem	Stainless Steel	AISI 420
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Packing	Graphite	Commercial
Gland	Ductile Iron	A536 65-45-12
Yoke Nut	Bronze	ASTM B62
Handwheel	Ductile Iron	A536 65-45-12
Handwheel Nut	Ductile Iron	A536 65-45-12
NPT Plug	Brass	B16, C36000
Gland Bolts	Stainless Steel	AISI 316
Bonnet Bolts	Carbon Steel	A307 B



Dimensions (mm / inch)

Size	2.5"		3"		4"		5"		6"		8"		10"		12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
L	190.5	7-1/2	203	8	229	9	254	10	267	10-1/2	292	11-1/2	330	13	356	14
H(Open)	415	16-5/8	480	18-7/8	550	21-5/8	655	25-4/5	740	29-1/8	930	36-5/8	1130	44-1/2	1320	52
H(Close)	350	13-3/4	400	15-3/4	450	17-3/4	530	20-7/8	590	23-1/4	730	28-3/4	880	34-3/4	1020	40-1/6
D	184	7-1/4	254	10	254	10	305	12	305	12	356	14	445	17-1/2	445	17-1/2
Weight(kg)	20		25		30		42		50		77		120		170	

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OS&Y RESILIENT SEATED GATE VALVE, GROOVE ENDS 300PSI



Fig. F0122-300

Specification

- Valves comply with AWWA C515.
- The handwheel is attached to the yoke by a heavy duty nut.
- High quality graphite stem seal.
- NPT brass plug on body.
- Groove dimension comply with Metric or AWWA C606 standard.
- FM and UL approved.

Working Pressure

- 300PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

- Design and material are subject to change without notice.

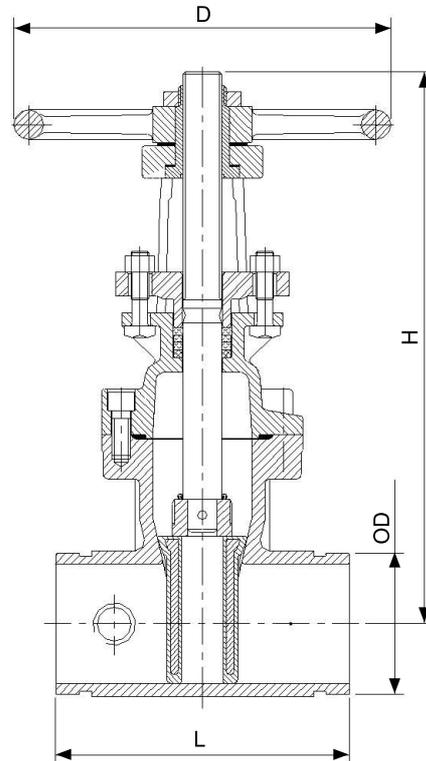


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Material Specification and Dimensions

Materials Specification

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Wedge	Ductile Iron, EPDM Encapsulated	
Wedge Nut	Stainless Steel	AISI 304
Stem	Stainless Steel	AISI 420
Bonnet	Ductile Iron	A536 65-45-12
Gasket	EPDM	Commercial
Packing	Graphite	Commercial
Gland	Ductile Iron	A536 65-45-12
Yoke Nut	Bronze	ASTM B62
Handwheel	Ductile Iron	A536 65-45-12
Handwheel Nut	Ductile Iron	A536 65-45-12
NPT Plug	Brass	B16, C36000
Gland Bolts	Stainless Steel	AISI 316
Bonnet Bolts	Carbon Steel	A307 B



Dimensions (mm / inch)

Size	2.5"		3"		4"		5"		6"		8"		10"		12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
OD	73.0	2-7/8	88.9	3-1/2	114.3	4-1/2	139.7	5-1/2	165.1	6-1/2	219.1	8-5/8	273	10-3/4	323.9	12-3/4
	76.1	3					141.3	5-9/16	168.3	6-5/8						
L	190.5	7-1/2	203	8	229	9	254	10	267	10-1/2	292	11-1/2	330	13	356	14
H(Open)	415	16-5/8	480	18-7/8	550	21-5/8	655	25-4/5	740	29-1/8	930	36-5/8	1130	44-1/2	1320	52
H(Close)	350	13-3/4	400	15-3/4	450	17-3/4	530	20-7/8	590	23-1/4	730	28-3/4	880	34-3/4	1020	40-1/6
D	184	7-1/4	254	10	254	10	305	12	305	12	356	14	445	17-1/2	445	17-1/2
Weight(kg)	13.3		17.5		28		40.5		43.5		68		113		153	

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OS&Y RESILIENT SEATED GATE VALVE 200PSI

Fig. F0111-200



Specification

- Valves comply with AWWA C509.
- Handwheel is attached to the yoke by a heavy duty nut.
- High quality graphite stem seal.
- NPT brass plug on body.
- Flanges to EN1092-2 PN10 / PN16, ANSI B16.1 Class125 (Other types available on request).
- All flanges are flat face.
- FM and UL approved.

Working Pressure

- 200PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

- Design and material are subject to change without notice.

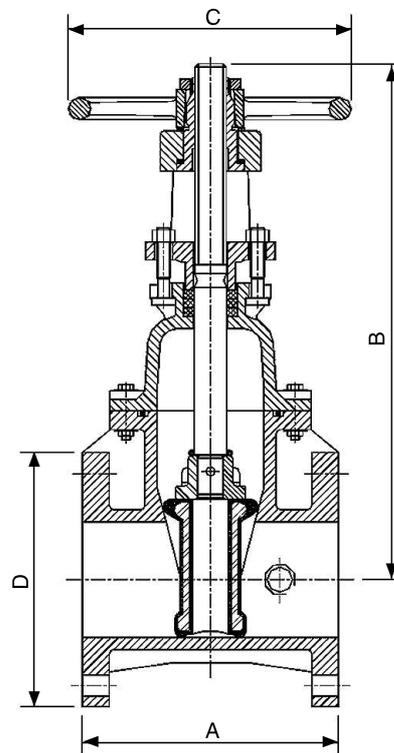


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Material Specification and Dimensions

Materials Specification

Component	Material
Body	Cast Iron ASTM A126 Class B
Wedge	Cast Iron ASTM A126 Class B, EPDM Coated
Wedge Nut	Bronze ASTM B62 C83600
O-Ring	EPDM
Stem	Brass ASTM B16 C36000
	Stainless Steel AISI 420
Gasket	EPDM
Bonnet	Cast Iron ASTM A126 Class B
Packing	Sq. Braided Non-Asbestos
Packing Gland	Cast Iron ASTM A126 Class B
Yoke Nut	Bronze ASTM B62 C83600
Washer	PTFE
Handwheel	Ductile Iron ASTM A536 Gr. 65-45-12
Lock Nut	Ductile Iron ASTM A536 Gr. 65-45-12, Chrome Plated
Gland Bolts	Stainless Steel AISI 316
Bonnet Bolts	Carbon Steel ASTM A307B



Dimensions (mm / inch)

Size	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
OD	190.5	7-1/2	203.0	8	229.0	9	267.0	10-1/2	292.0	11-1/2	330.0	13	356.0	14
L	408.0	16-1/16	485.0	19-1/8	605.0	23-13/16	790.0	31-1/8	1002	39-7/16	1187	46-3/4	1422	56
H(Open)	350.0	13-13/16	414.0	16-5/16	491.0	19-5/16	628.0	24-3/4	776.0	30-9/16	933.0	36-3/4	1110	43-11/16
H(Close)	184.0	7-3/4	254.0	10	254.0	10	305.0	12	355.5	14	444.5	17-1/2	444.5	17-1/2
D	178.0	7	190.5	7-1/2	228.6	9	279.4	11	343.0	13-1/2	406.4	16	483.0	19
Weight(kg)	26		31		47		78		110		195		310	

WEFLO VALVE COMPANY LTD.

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OS&Y RESILIENT SEATED GATE VALVE 250PSI



Fig. F0111-250

Specification

- Valves comply with AWWA C509.
- The handwheel is attached to the yoke by a heavy duty nut.
- High quality graphite stem seal.
- NPT brass plug on body.
- Flanges to EN1092-2 PN10 / PN16, ANSI B16.1 Class125 (Other types available on request).
- All flanges are with flat face.
- All sizes are UL approved.
- Size 4", 6", 8" are FM approved.

Working Pressure

- 250PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

Notes:

- Design and material are subject to change without notice.

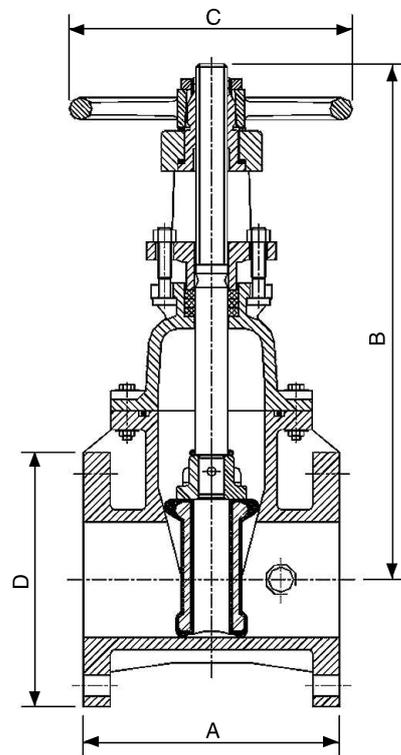


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Material Specification and Dimensions

Materials Specification

Component	Material
Body	Ductile Iron ASTM A536 Gr. 65-45-12
Wedge	Ductile Iron ASTM A536 Gr. 65-45-12, EPDM Coated
Wedge Nut	Bronze ASTM B62 C83600
O-Ring	EPDM
Stem	Brass ASTM B16 C36000
	Stainless Steel AISI 420
Gasket	EPDM
Bonnet	Ductile Iron ASTM A536 Gr. 65-45-12
Packing	Sq. Braided Non-Asbestos
Packing Gland	Ductile Iron ASTM A536 Gr. 65-45-12
Yoke Nut	Bronze ASTM B62 C83600
Washer	PTFE
Handwheel	Ductile Iron ASTM A536 Gr. 65-45-12
Lock Nut	Ductile Iron ASTM A536 Gr. 65-45-12, Chrome Plated
Gland Bolts	Stainless Steel AISI 316
Bonnet Bolts	Carbon Steel ASTM A307B



Dimensions (mm / inch)

Valve	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
Size	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
A	190.5	7-1/2	203.0	8	229.0	9	267.0	10-1/2	292.0	11-1/2	330.0	13	356.0	14
B(Open)	408.0	16-1/16	485.0	19-1/8	605.0	23-13/16	790.0	31-1/8	1002	39-7/16	1187	46-3/4	1422	56
B(Close)	350.0	13-13/16	414.0	16-5/16	491.0	19-5/16	628.0	24-3/4	776.0	30-9/16	933.0	36-3/4	1110	43-11/16
C	184.0	7-3/4	254.0	10	254.0	10	305.0	12	355.5	14	444.5	17-1/2	444.5	17-1/2
D	178.0	7	190.5	7-1/2	228.6	9	279.4	11	343.0	13-1/2	406.4	16	483.0	19
Weight(kg)	26		31		47		78		110		195		310	

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NRS RESILIENT SEATED GATE VALVE 200PSI

Fig. F0211-200



Specification

- Valves comply with AWWA C509.
- Valves 4" and above with indicator post flange and a 2" square operating nut.
- 2.5" and 3" valves normally supplied without indicator post flange.
- Stem is sealed by O-rings.
- NPT brass plug on body.
- Flanges designed to EN1092-2 PN10 / PN16, ANSI B16.1 Class125 (Other types available on request).
- All flanges are with flat face.
- FM approved and UL listed.

Working Pressure

- 200PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

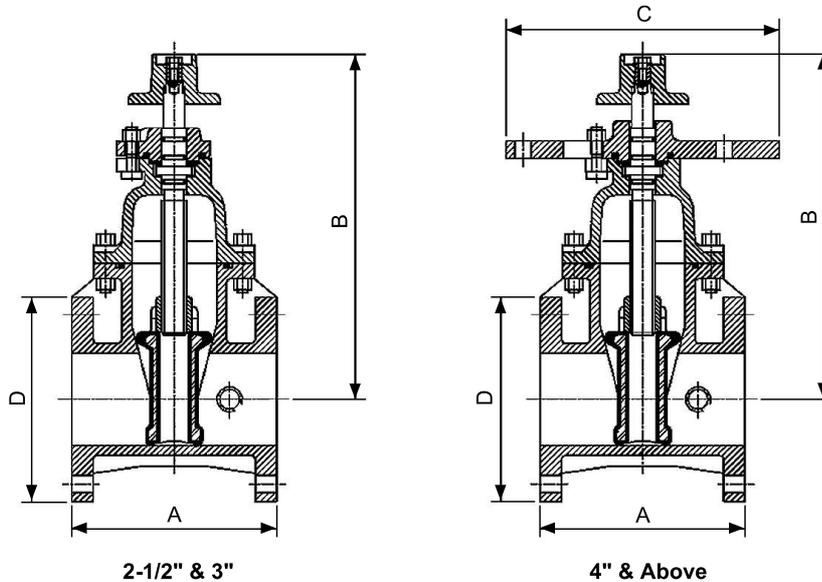
Notes:

- Design and material are subject to change without notice.



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Material Specification and Dimensions



Materials Specification

Component	Material	Component	Material
Body	Cast Iron ASTM A126 Class B	O-Ring	EPDM
Wedge	Cast Iron ASTM A126 Class B, EPDM Coated	Thrust Washer	PTFE
Wedge Nut	Bronze ASTM B62 C83600	Post Plate	Ductile Iron ASTM A536 Gr. 65-45-12
Gasket	EPDM	Operating Nut	Ductile Iron ASTM A536 Gr. 65-45-12
Stem	Brass ASTM B16 C36000	Indicator Flange Bolts	Stainless Steel AISI 316
	Stainless Steel AISI 304	Bonnet Bolts	Carbon Steel ASTM A307B
Bonnet	Cast Iron ASTM A126 Class B		

Dimensions (mm / inch)

Valve	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
A	190.5	7-1/2	203.0	8	229.0	9	267.0	10-1/2	292.0	11-1/2	330.0	13	356.0	14
B	265.0	10-7/16	335.0	13-3/16	385.0	15-3/16	460.0	18-1/8	570.0	22-7/16	650.0	25-5/8	770.0	30-5/16
C	-	-	-	-	305.0	12	305.0	12	305.0	12	305.0	12	305.0	12
D	178.0	7	190.5	7-1/2	228.6	9	279.4	11	343.0	13-1/2	406.4	16	483.0	19
Weight(kg)	23		29		55		81		115		186		290	

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NRS RESILIENT SEATED GATE VALVE 250PSI



Fig. F0211-250

Specification

- Valves comply with AWWA C509.
- Valves 4" and above with an indicator post flange and a 2" square operating nut.
- 2.5" and 3" valve normally supplied without indicator post flange.
- Stem is sealed by O-rings.
- NPT brass plug on body.
- Flanges designed to EN1092-2 PN10 / PN16, ANSI B16.1 Class125 (Other types available on request).
- All flanges are with flat face.
- UL listed.

Working Pressure

- 250PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

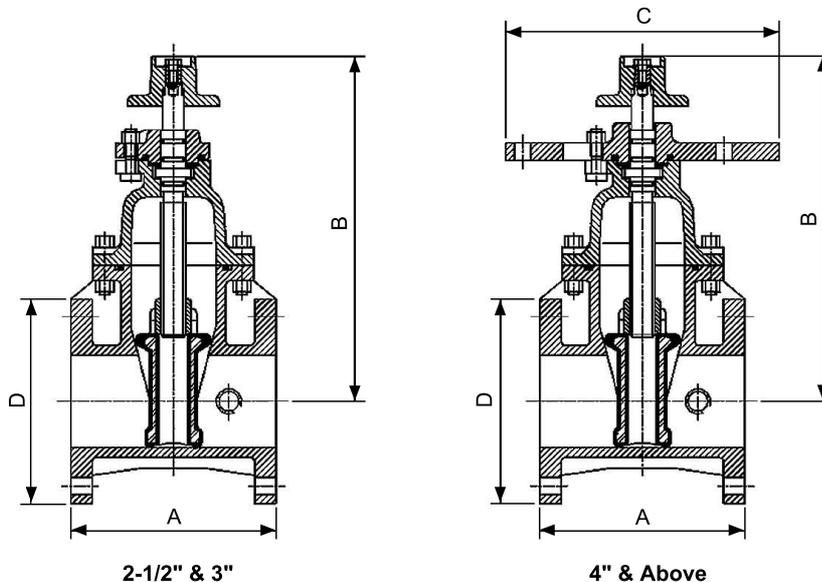
Notes:

- Design and material are subject to change without notice.



WEFLO

Material Specification and Dimensions



Materials Specification

Component	Material	Component	Material
Body	Ductile Iron ASTM A536 Gr.65-45-12	O-Ring	EPDM
Wedge	Ductile Iron ASTM A536 Gr.65-45-12, EPDM Coated	Thrust Washer	PTFE
Wedge Nut	Bronze ASTM B62 C83600	Post Plate	Ductile Iron ASTM A536 Gr. 65-45-12
Gasket	EPDM	Operating Nut	Ductile Iron ASTM A536 Gr. 65-45-12
Stem	Brass ASTM B16 C36000	Indicator Flange Bolts	Stainless Steel AISI 316
	Stainless Steel AISI 304	Bonnet Bolts	Carbon Steel ASTM A307B
Bonnet	Ductile Iron ASTM A536 Gr.65-45-12		

Dimensions (mm / inch)

Valve	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
A	190.5	7-1/2	203.0	8	229.0	9	267.0	10-1/2	292.0	11-1/2	330.0	13	356.0	14
B	265.0	10-7/16	335.0	13-3/16	385.0	15-3/16	460.0	18-1/8	570.0	22-7/16	650.0	25-5/8	770.0	30-5/16
C	-	-	-	-	305.0	12	305.0	12	305.0	12	305.0	12	305.0	12
D	178.0	7	190.5	7-1/2	228.6	9	279.4	11	343.0	13-1/2	406.4	16	483.0	19
Weight(kg)	23		29		55		81		115		186		290	

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VERTICAL INDICATOR POST



Fig. F0600-IP

Specification

- Indicates if the valve is in the open or shut position.
- The indicator post provides a means to operate a buried or otherwise inaccessible valve.
- The adjustment range of the indicator post is 34.5" to suit the deeper buried valve and can be easily adjusted in the field.
- The wrench handle fits over a "U" bracket on the barrel, and may be fixed with a padlock to secure the operating wrench to the barrel.
- Can be supplied to open left or right.
- FM and UL approved.

Corrosion Protection

- Internally and externally red epoxy coated RAL3000.

Notes:

- Design and material are subject to change without notice.

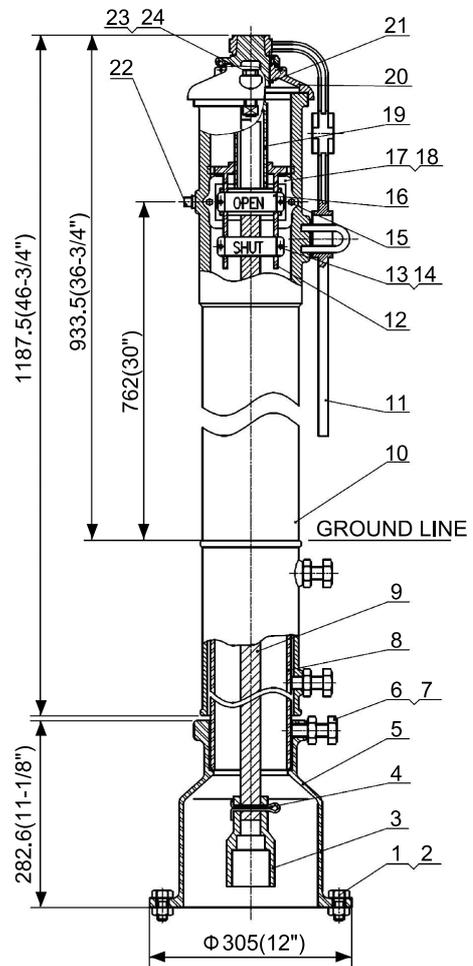


WEFLO

Material Specification and Dimensions

Materials Specification

No.	Component	Material
1	Hex Cap Screw	Carbon Steel ASTM A307B
2	Hex Nut	Carbon Steel ASTM A307B
3	Crane Coupling	Ductile Iron ASTM A536 Gr. 65-45-12
4	Cotter Pin	Stainless Steel AISI 304
5	Base Flange	Cast Iron ASTM A126 Class B
6	Hex Nut	Carbon Steel ASTM A307B
7	Hex Cap Screw	Carbon Steel ASTM A307B
8	Standpipe	Carbon Steel ASTM A53
9	Stem 1" Square	Carbon Steel AISI 1045
10	Body	Cast Iron ASTM A126 Class B
11	Locking Wrench	Ductile Iron ASTM A536 Gr. 65-45-12
12	Target Carrier Nut	Bronze ASTM B62 C83600
		Stainless Steel AISI 304
13	Hex Cap Screw	Carbon Steel ASTM A307B
14	Hex Nut	Carbon Steel ASTM A307B
15	Hex Cap Screw	Carbon Steel ASTM A307B
16	Target	Cast Aluminium
17	Window Glass	Plexiglass
18	Gasket	PTFE
19	Operating Nut	Bronze ASTM B62 C83600
		Stainless Steel AISI 304
20	Top Section	Cast Iron ASTM A126 Class B
21	Snap Ring	Stainless Steel AISI 1066
22	Plug	Malleable Iron
23	Square Nut	Carbon Steel ASTM A307B
24	Hex Cap Screw	Carbon Steel ASTM A307B



Weight 96 kg

FIELD ADJUSTMENT

- ◆ Remove the Top Section from the top of the Indicator Post assembly.
- ◆ Cut the required stem length and adjust the Standpipe to match up to the Ground Line.
- ◆ Set the "OPEN" and "SHUT" targets for the appropriate valve size.
- ◆ Reattach the Top Section to the top of the Indicator Post assembly.

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WALL INDICATOR POST

Fig. F0600-WP



Specification

- Indicates if the valve is in the open or shut position.
- Used to operate a valve installed behind a wall.
- With a 12" O.D. post flange to mount on a wall.
- Operated by handwheel.
- Can be supplied to open left or right.
- FM and UL approved.

Corrosion Protection

- Internally and externally red epoxy coated RAL3000.

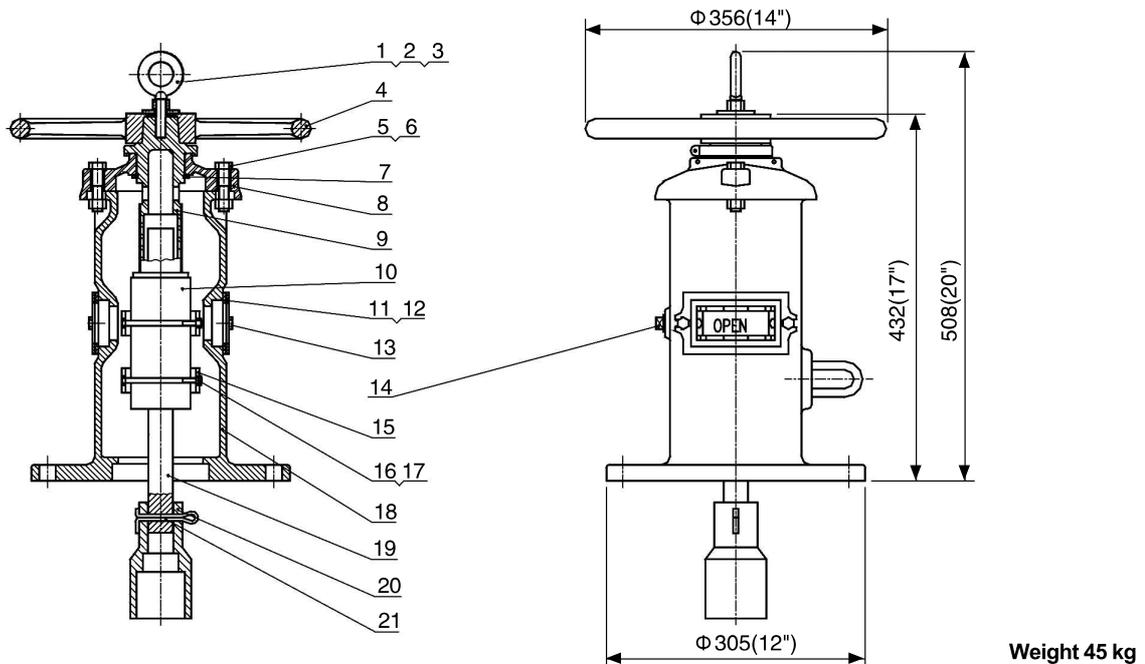
Notes:

- Design and material are subject to change without notice.



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Material Specification and Dimensions



Materials Specification

No.	Component	Material	No.	Component	Material
1	Eye Bolt	Carbon Steel ASTM A307B	11	Window Glass	Plexiglass
2	Hex Nut	Carbon Steel ASTM A307B	12	Gasket	PTFE
3	Washer	Carbon Steel ASTM A570 Gr. 33	13	Hex Nut	Carbon Steel ASTM A307B
4	Handwheel	Ductile Iron ASTM A536 Gr. 65-45-12	14	Plug	Malleable Iron
5	Hex Cap Screw	Carbon Steel ASTM A307B	15	Target	Cast Aluminium
6	Square Nut	Carbon Steel ASTM A307B	16	Hex Cap Screw	Carbon Steel ASTM A307B
7	Snap Ring	Stainless Steel AISI 1066	17	Hex Nut	Carbon Steel ASTM A307B
8	Cover	Cast Iron ASTM A126 Class B	18	Body	Cast Iron ASTM A126 Class B
9	Operating Nut	Bronze ASTM B62 C83600	19	Stem	Carbon Steel AISI 1045
		Stainless Steel AISI 304	20	Crane Coupling	Ductile Iron ASTM A536 Gr. 65-45-12
10	Target Carrier Nut	Bronze ASTM B62 C83600	21	Cotter Pin	Stainless Steel AISI 304
		Stainless Steel AISI 304			

FIELD ADJUSTMENT

- ◆ Remove the Top Section from the top of the Indicator Post assembly.
- ◆ Reattach the Top Section to the top of the Indicator Post assembly.
- ◆ Set the "OPEN" and "SHUT" targets for the appropriate valve size.

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SWING CHECK VALVE 300PSI



Fig. F0311-300

Specification

- Valves comply with AWWA C508, clear waterway design.
- Seating type is resilient material to bronze seat construction.
- Two brass plugs screwed on one side of body.
- Flanges to EN1092-2 PN10 / PN16, ANSI B16.1 Class125 (Other types available on request).
- FM and UL approved.

Working Pressure

- 300PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

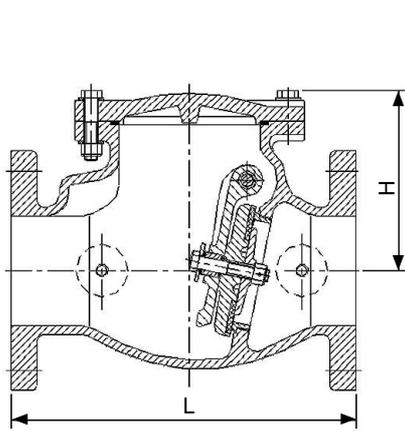
Notes:

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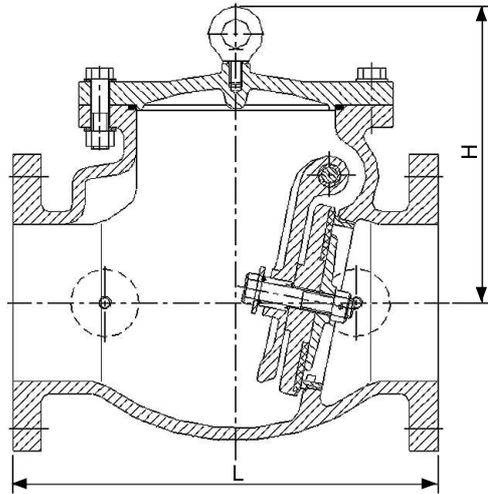


WEFLO

Material Specification and Dimensions



Size 2" to 4"



Size 5" to 12"

Materials Specification

Part Name	Material	ASTM Spec.	Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12	Gasket	EPDM	Commercial
Seat Ring	Bronze	ASTM B62	Hinge Pin	Stainless Steel	AISI 304
Disc Ring	EPDM	Commercial	Clapper Arm	Ductile Iron	A536 65-45-12
Disc Ring Retainer	Bronze	ASTM B62	Pin Plug	Stainless Steel	AISI 304
Retainer Bolt	Stainless Steel	AISI 304	NPT Plug	Brass	B16, C36000
Disc	Ductile Iron	A536 65-45-12	Bolt and Nut	Carbon Steel	A307 B
Bonnet	Ductile Iron	A536 65-45-12	Eyebolt	Carbon Steel	A307 B

Dimensions (mm / inch)

Size	2"	2.5"	3"	4"	5"	6"	8"	10"	12"	
L	mm	203	254	279	330	356	406	495	559	660
	inch	8	10	11	13	14	16	19-1/2	22	26
H	mm	132	145	150	175	298	300	352	395	445
	inch	5-3/16	5-11/16	5-7/8	6-7/8	11-3/4	11-13/156	13-7/8	15-9/16	17-1/2
Weight(kg)	11.5	13	17	25	40	50	58.3	218	282	

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DOUBLE DOOR CHECK VALVE 175PSI



Fig. F0411-175

Specification

- The extremely short face to face dimension and compact design of this valve allow installation and service in tight spaces.
- Spring assisted for better dynamic behaviour.
- Soft seated for perfect tightness even at low differential pressure.
- Flanges ANSI B16.1 Class125.
- UL listed.

Working Pressure

- 175PSI

Working Temperature

- -10 °C to 120 °C

Corrosion Protection

- Internally and externally spray-painted or fusion bonded epoxy powder coated (FBE).

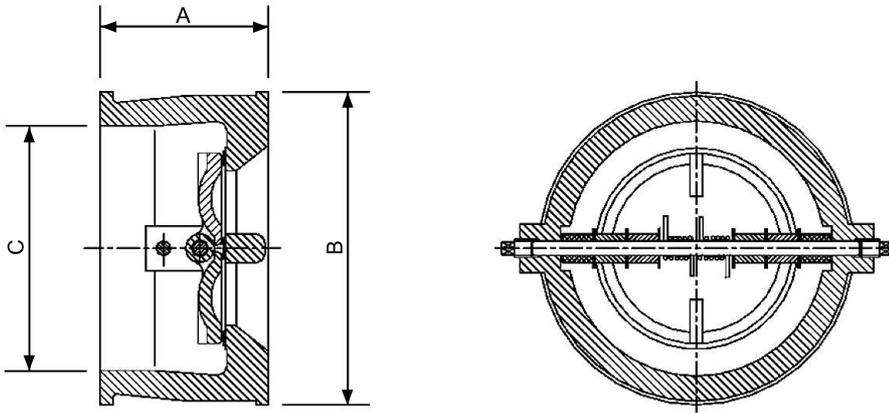
Notes:

- Design and material are subject to change without notice.



WEFLO

Material Specification and Dimensions



Materials Specification

Component	Material	Component	Material
Body	Cast Iron ASTM A126 Class B	Washer	PTFE
Stop Pin	Stainless Steel AISI 416	Spacer	PTFE
Hinge Pin	Stainless Steel AISI 416	Disc	Stainless Steel ASTM CF8
Seat	EPDM	Spring	Stainless Steel AISI 304
Pin Retainer	Stainless Steel AISI 416	Lifting Hook	Carbon Steel (Not Shown, only for 8", 10" & 12")
Gasket	PTFE		

Dimensions (mm / inch)

Size	100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
A	93	3-11/16	105	4-1/8	121	4-3/4	154	6-1/16	187	7-3/8
B	172	6-3/4	220	8-11/16	280	11	340	13-3/8	410	16-1/8
C	136	5-3/8	178	7	230	9-1/16	285	11-1/4	338	13-5/16
Weight(kg)	8.4		13.5		23		42		68	

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FLANGE END Y-STRAINER 175PSI

Fig. F0511-175



Specification

- NPT or BSPT blowoff outlet on cover. Blowoff outlets are finished with plugs.
- Screens are perforated 304 stainless steel with spot welded seam.
- Recessed seat in body assures accurate screen alignment.
- Flanges to EN1092-2 PN16, ANSI B16.I Class125 (Other types available on request).
- UL listed.

Working Pressure

- 175PSI

Working Temperature

- -10 °C to 120 °C

Corrosion Protection

- Internally and externally spray-painted or fusion bonded epoxy powder coated (FBE).

Notes:

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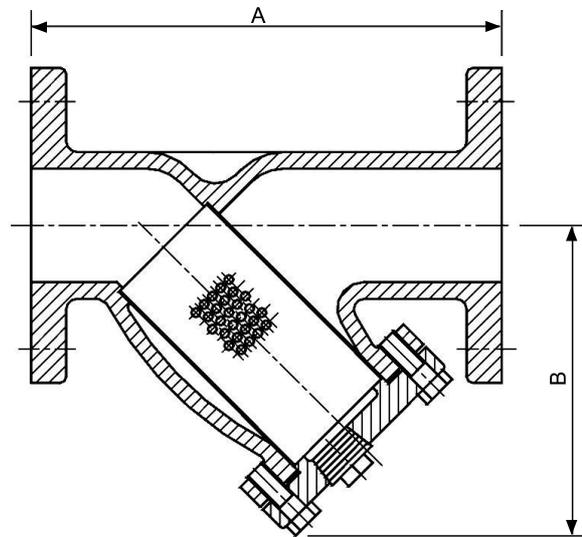


WEFLO

Material Specification and Dimensions

Materials Specification

Component	Material
Body	Cast Iron ASTM A126 Class B
Cover	Cast Iron ASTM A126 Class B
Screen	Stainless Steel AISI 304
Gasket	PTFE/Graphite
Plug	Ductile Iron ASTM A536 Gr. 65-45-12



Standard Screens

Size (mm/inch)	Hole Dia.(mm)	Free Flow Area(%)
65(2-1/2")	3	53.6
80-125(3" -5")	4.3	46.3
150-250 (6"-10")	6.0	54.5
300 (12")	6.3	57.2

Dimensions (mm / inch)

Size	A		B		Plug Size (NPT Thread)	Weight(kg)
	mm	inch	mm	inch		
65mm / 2-1/2"	273.0	10-3/4	135.0	5-5/16	1"	14
80mm / 3"	295.0	11-5/8	215.0	8-1/2	1"	17.3
100mm / 4"	352.0	13-7/8	245.0	9-5/8	1"	32
125mm / 5"	416.0	16-3/8	295.0	11-5/8	1-1/4"	47.5
150mm / 6"	470.0	18-1/2	320.0	12-5/8	1-1/2"	62.5
200mm / 8"	543.0	21-3/8	415.0	16-3/8	1-1/2"	107.5
250mm / 10"	660.0	26	485.0	19-1/8	2"	175
300mm / 12"	770.0	30-5/16	560.0	22-1/16	2"	253

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GROOVE END Y-STRAINER 175PSI

Fig. F0522-175



Specification

- NPT or BSPT blowoff outlet on cover. Blowoff outlets are finished with plugs.
- Screens are perforated 304 stainless steel with spot welded seam.
- Recessed seat in body assures accurate screen alignment.
- Groove dimension comply with Metric or AWWA C606 standard.
- UL listed.

Working Pressure

- 175PSI

Working Temperature

- -10 °C to 120 °C

Corrosion Protection

- Internally and externally liquid epoxy painted or fusion bonded epoxy powder coated (FBE).

Notes:

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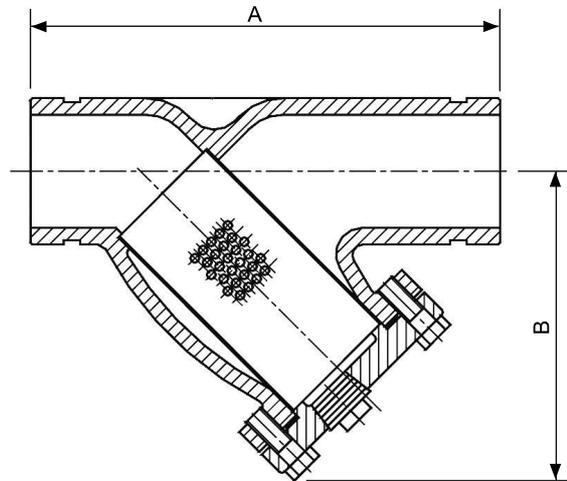


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Material Specification and Dimensions

Materials Specification

Component	Material
Body	Ductile Iron ASTM A536 Gr. 70-50-05
Cover	Ductile Iron ASTM A536 Gr. 70-50-05
Screen	Stainless Steel AISI 304
Gasket	PTFE/Graphite
Plug	Ductile Iron ASTM A536 Gr. 70-50-05



Standard Screens

Size (mm/inch)	Hole Dia.(mm)	Free Flow Area(%)
65(2-1/2")	2.54	38.5
80-200(3" -8")	4	48
250 (10")	4.7	50.5
300 (12")	6.3	57.2

Dimensions (mm / inch)

Size	Pipe O.D.		A		B		Plug Size (NPT Thread)	Weight(kg)
	mm	inch	mm	inch	mm	inch		
65mm / 2-1/2"	73.0	2-7/8	285.0	11-1/4	215.0	8-1/2	1"	10.7
	76.1	3						
80mm / 3"	88.9	3-1/2	318.0	12-1/2	219.0	8-5/8	1"	13.4
100mm / 4"	114.3	4-1/2	375.0	14-3/4	254.0	10	1"	21
125mm / 5"	139.7	5-1/2	448.0	17-5/8	322.0	12-11/16	1-1/4"	35.6
	141.3	5-9/16						
150mm / 6"	165.1	6-1/2	502.0	19-3/4	365.0	14-3/8	1-1/2"	54.2
	168.3	6-5/8						
200mm / 8"	219.1	8-5/8	640.0	25-3/16	462.0	18-3/16	1-1/2"	100.4
250mm / 10"	273.0	10-3/4	710.0	27-15/16	540.0	21-1/4	2"	141
300mm / 12"	323.9	12-3/4	780.0	30-11/16	610.0	24	2"	233

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FIRE HYDRANT

Size 5-1/4 " 250PSI

Fig. F0733-250



Specification

- Complies with AWWA C502.
- Seating type is resilient material to bronze seat construction.
- One pumper nozzle, 4.5-4NH thread. Two hose nozzle, 2.5-7.5NH thread. Other threads are available.
- Multiple buried lengths available.
- 6" mechanical joint designed to ANSI/AWWA C153/A21.53.
- FM approved.

Working Pressure

- 250PSI

Working Temperature

- 0.6 °C to 52 °C

Corrosion Protection

- Internally and externally liquid epoxy painted.

Notes:

- Design and material are subject to change without notice.

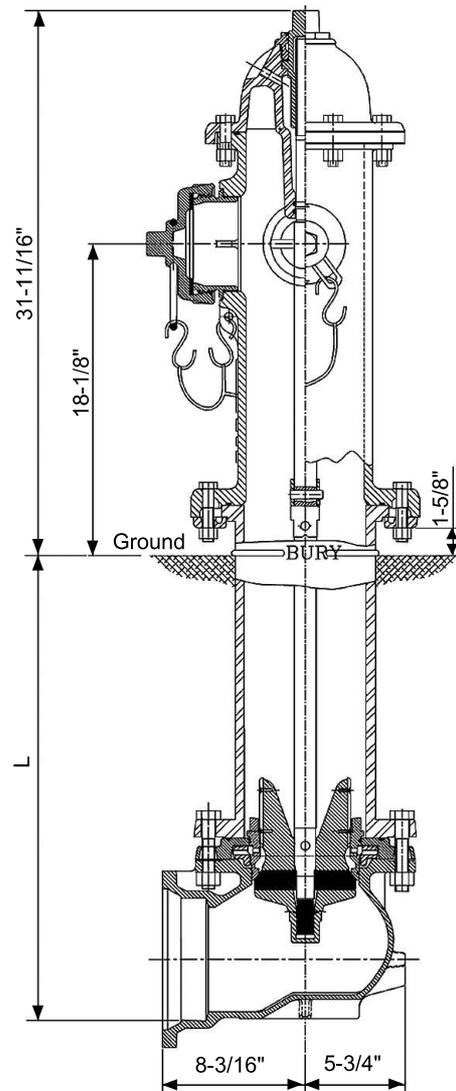


WEFLO

Material Specification and Dimensions

Materials Specification

Part Name	Material	ASTM Spec.
Operating Nut	Bronze	ASTM B62
Hold Down Nut	Bronze	ASTM B62
O-Ring	NBR	Commercial
Bonnet	Cast Iron	A126 Class B
Bonnet Bolt & Nut	Stainless Steel	AISI 201
Upper Rod	Carbon Steel	AISI 1045
Pumper Nozzle	Bronze	ASTM B62
Pumper Nozzle Gasket	NBR	Commercial
Hose Nozzle	Bronze	ASTM B62
Hose Nozzle Gasket	NBR	Commercial
Pumper Nozzle Cap	Cast Iron	A126 Class B
Hose Nozzle Cap	Cast Iron	A126 Class B
Cap Chain	Carbon Steel	Plated
Standpipe Upper	Cast Iron	A126 Class B
Safety Coupling	Stainless Steel	A890
Safety Flange Bolt & Nut	Stainless Steel	AISI 201
Safety Flange	Cast Iron	A126 Class B
Lower Rod	Carbon Steel	AISI 1045
Standpipe Lower	Cast Iron	A126 Class B
Stem Pin	Stainless Steel	A276
Drain Ring Housing	Ductile Iron	A536 65-45-12
Drain Ring	Bronze	ASTM B62
Seat Ring	Bronze	ASTM B62
Bottom Plate	Ductile Iron	A536 65-45-12
Disc Ring	NBR	Commercial
Bottom Plate Nut	Ductile Iron	A536 65-45-12
Elbow	Ductile Iron	A536 65-45-12



Dimensions (inch)

L	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"
Weight(kg)	170	178	183	196	200	210	215

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FIRE HYDRANT DN80 BS750 TYPE II PN16

WRAS®

Fig. 9207

Specification

- Complies with BS750 Type II.
- Seating type is resilient material to DI integral seat.
- Flange drilled to DN80 EN1092-2 PN16 and BS10 Table E.
- 2-1/2" London Round Thread outlet. Other type outlets are available, such as 2-1/2" Instantaneous outlet, 2-1/2" Belfast V outlet and Dublin Bayonet outlet.
- Bottom drain connection.
- Fusion bonded epoxy coated interior and exterior.
- WRAS approved.

Working Pressure

- 16bar

Working Temperature

- -10 °C to 120 °C

Corrosion Protection

- Internally and externally fusion bonded epoxy powder coated (FBE).

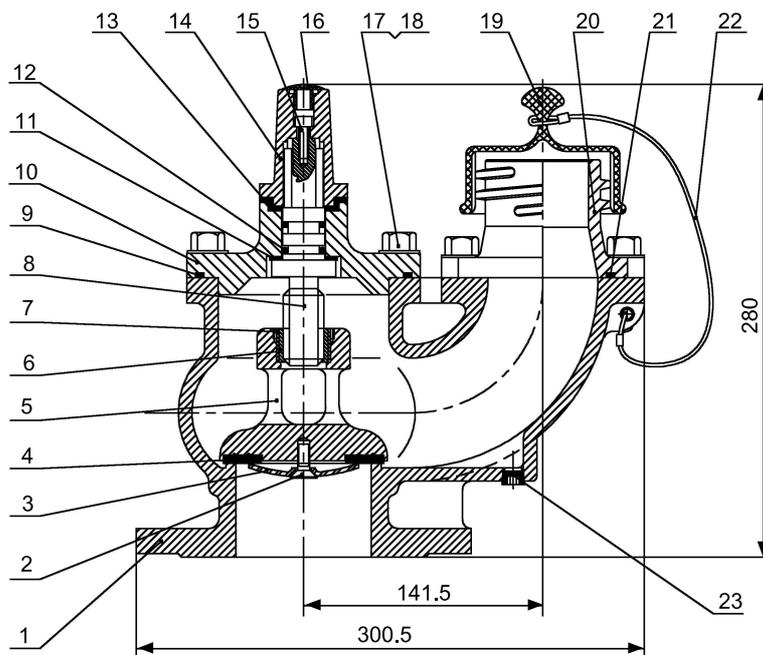
Notes:

- Design and material are subject to change without notice.



WEFLO

Material Specification and Dimensions



Weight 21 kg

Materials Specification

No.	Part Name	ASTM Spec.	No.	Part Name	ASTM Spec.
1	Body	DI ASTM A536 65-45-12	13	Cap Gasket	Plastic
2	Bolt	Stainless Steel AISI 304	14	Driver Cap	C.I. ASTM A126 class B
3	Holder	Stainless Steel AISI 304	15	Bolt	Stainless Steel AISI 201
4	Gasket	NBR	16	Indicator Cap	Plastic
5	Disc	DI ASTM A536 65-45-12	17	Bolt	Stainless Steel AISI 201
6	Stem Nut	Brass ASTM B16 C36000	18	Washer	Stainless Steel AISI 201
7	Screw	Steel	19	Dust Cap	Plastic
8	Stem	Stainless Steel AISI 420	20	Outlet	Brass ASTM B16 C36000
9	O-Ring	NBR	21	O-Ring	NBR
10	Cover	D.I. ASTM A536 65-45-12	22	Rope	Stainless Steel
11	Washer	Copper	23	Plug	Plastic
12	O-Ring	NBR			

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