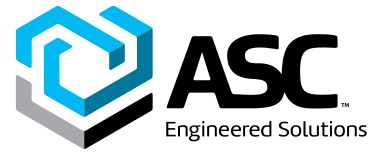


Building connections that last™



Series 10FN, 10FW, 10MN, 10RN 10NN, & 10NW

AWWA Gate Valve Datasheet



AWWA Gate Valve with Op-Nut, Flanged Series 10FN

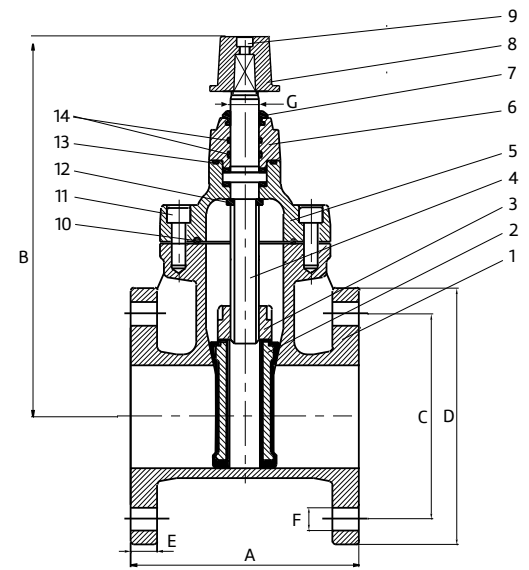


Design Features

- 250 PSI Non-Shock CWP
- Class 125/150 flange
- Ductile Iron Body and Bonnet
- Stainless Steel Non-Rising Stem
- Wax Encapsulated Cap Screws
- Fusion Bonded Epoxy Coating
- Meets AWWA C515
- Bronze wedge nut

Parts & Materials

No.	Part	Material
1	Body	Ductile Iron Gr. A536 65/45/12
2	Wedge	Ductile Iron Gr. A536 65/45/12; Buna-N
3	Wedge Nut	Bronze B584 C83600
4	Stem	Stainless Steel 304
5	Bonnet	Ductile Iron Gr. A536 65/45/12
6	Packing Gland	Ductile Iron Gr. A536 65/45/12
7	Stem Wiper	Buna-N
8	Operating Nut	Ductile Iron Gr. A536 65/45/12
9	Handle Bolt	Stainless Steel 304
10	Bonnet O-Ring	Buna-N
11	Bonnet Bolts	Stainless Steel 304
12	Gasket	Buna-N
13	Packing / Bonnet O-Ring	Buna-N
14	Packing / Gland O-Ring	Buna-N



Dimensions

Size	ASC 10-Digit	Legacy Number	Weight	A	B	C	D	E	F	G
In			Lb	In	In	In	In	In	In	In
2	4349000200	017110FN020	32	7.00	10.83	4.75	6.00	0.62	4 - 0.75	0.79
2-½	4349000210	017110FN024	43	7.50	11.14	5.50	7.00	0.69	4 - 0.75	0.79
3	4349000220	017110FN030	53	8.00	12.24	6.00	7.50	0.75	4 - 0.75	0.87
4	4349000230	017110FN040	74	9.00	13.86	7.50	9.00	0.94	8 - 0.75	1.02
6	4349000240	017110FN060	150	10.50	19.09	9.50	11.00	1.00	8 - 0.88	1.14
8	4349000250	017110FN080	215	11.50	20.47	11.75	13.50	1.12	8 - 0.88	1.26
10	4349000260	017110FN100	335	13.00	24.88	14.25	16.00	1.19	12 - 1.00	1.42
12	4349000270	017110FN120	478	14.00	29.33	17.00	19.00	1.25	12 - 1.00	1.50
14	4349000280	017110FN140	868	15.00	32.90	18.75	21.00	1.38	12 - 1.12	1.73
16	4349000290	017110FN160	1224	16.00	37.50	21.25	23.50	1.44	16 - 1.12	1.89

AWWA Gate Valve with Hand-Wheel, Flanged Series 10FW

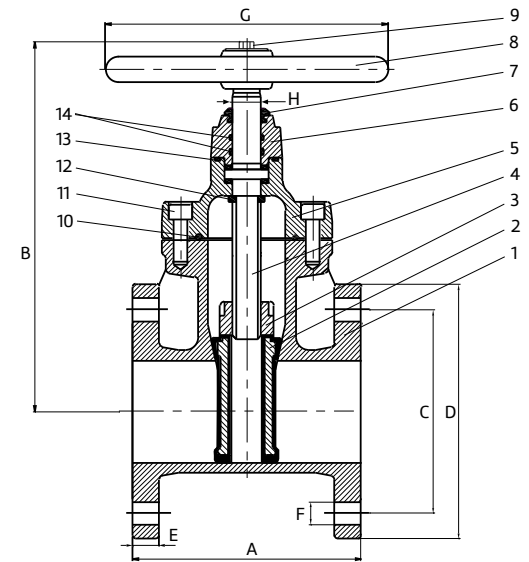


Design Features

- 250 PSI Non-Shock CWP
- Class 125/150 flange
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515
- Bronze wedge nut

Parts & Materials

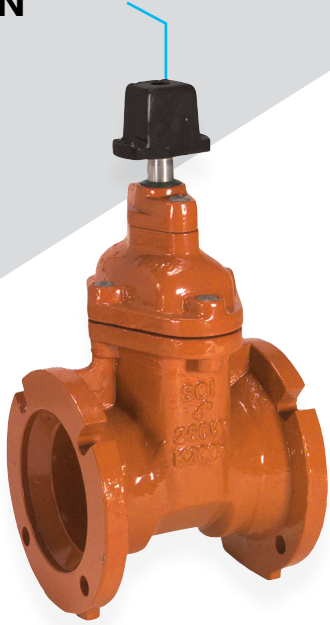
No.	Part	Material
1	Body	Ductile Iron Gr. A536 65/45/12
2	Wedge	Ductile Iron Gr. A536 65/45/12; Buna-N
3	Wedge Nut	Bronze B584 C83600
4	Stem	Stainless Steel 304
5	Bonnet	Ductile Iron Gr. A536 65/45/12
6	Packing Gland	Ductile Iron Gr. A536 65/45/12
7	Stem Wiper	Buna-N
8	Operating Nut	Ductile Iron Gr. A536 65/45/12
9	Handle Bolt	Stainless Steel 304
10	Bonnet O-Ring	Buna-N
11	Bonnet Bolts	Stainless Steel 304
12	Gasket	Buna-N
13	Packing / Bonnet O-Ring	Buna-N
14	Packing / Gland O-Ring	Buna-N



Dimensions

Size	ASC 10-Digit	Legacy Number	Weight	A	B	C	D	E	F	G	H
In			Lb	In	In	In	In	In	In	In	In
2	4349000300	017110FW020	32	7.00	10.83	4.75	6.00	0.62	4 - 0.75	7.09	0.79
2-½	4349000400	017110FW024	43	7.50	11.14	5.50	7.00	0.69	4 - 0.75	7.09	0.79
3	4349000410	017110FW030	53	8.00	12.24	6.00	7.50	0.75	4 - 0.75	7.87	0.87
4	4349000420	017110FW040	74	9.00	13.86	7.50	9.00	0.94	8 - 0.75	9.84	1.02
6	4349000430	017110FW060	150	10.50	19.09	9.50	11.00	1.00	8 - 0.88	12.60	1.14
8	4349000440	017110FW080	215	11.50	20.47	11.75	13.50	1.12	8 - 0.88	13.78	1.26
10	4349000450	017110FW100	335	13.00	24.88	14.25	16.00	1.19	12 - 1.00	15.75	1.42
12	4349000460	017110FW120	478	14.00	29.33	17.00	19.00	1.25	12 - 1.00	17.72	1.50
14	4349000470	017110FW140	868	15.00	32.90	18.75	21.00	1.38	12 - 1.12	19.70	1.73
16	4349000480	017110FW160	1224	16.00	37.50	21.25	23.50	1.44	16 - 1.12	19.70	1.89

AWWA Gate Valve, Mechanical Joint Series 10MN

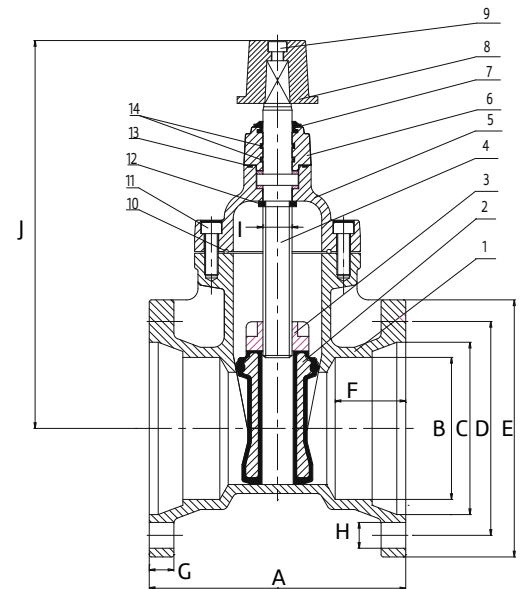


Design Features

- 250 PSI Non-Shock CWP
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515
- Bronze wedge nut

Parts & Materials

No.	Part	Material
1	Body	Ductile Iron Gr. A536 65/45/12
2	Wedge	Ductile Iron Gr. A536 65/45/12; Buna-N
3	Wedge Nut	Bronze B584 C83600
4	Stem	Stainless Steel 304
5	Bonnet	Ductile Iron Gr. A536 65/45/12
6	Packing Gland	Ductile Iron Gr. A536 65/45/12
7	Stem Wiper	Buna-N
8	Operating Nut	Ductile Iron Gr. A536 65/45/12
9	Handle Bolt	Stainless Steel 304
10	Bonnet O-Ring	Buna-N
11	Bonnet Bolts	Stainless Steel 304
12	Gasket	Buna-N
13	Packing / Bonnet O-Ring	Buna-N
14	Packing / Gland O-Ring	Buna-N

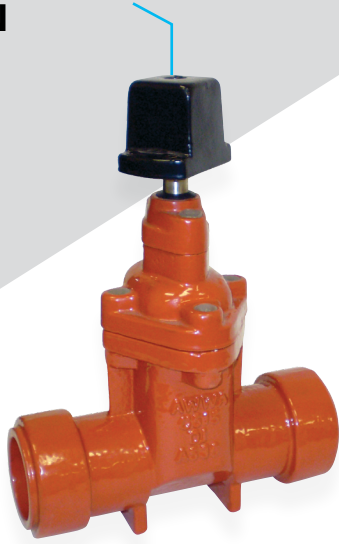
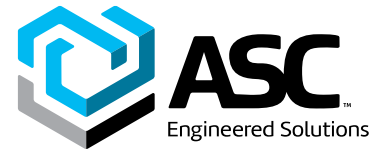


Dimensions

Size	ASC 10-Digit	Legacy Number	Weight	A	B	C	D	E	F	G	H	I	J
In			Lb	In	In	In	In	In	In	In	In	In	In
14		017110MN140	875	15.00	15.53	16.54	18.75	20.25	3.50	0.79	0.87	1.73	32.87
16		017110MN160	1225	16.00	17.64	18.64	21.00	22.50	3.50	0.85	0.87	1.89	37.52
18		017110MN180	1436	17.00	19.76	20.74	23.25	24.75	3.50	1.00	0.87	1.93	44.09

AWWA Gate Valve with Op-Nut, Ring Tite Joint IPS

Series 10RN

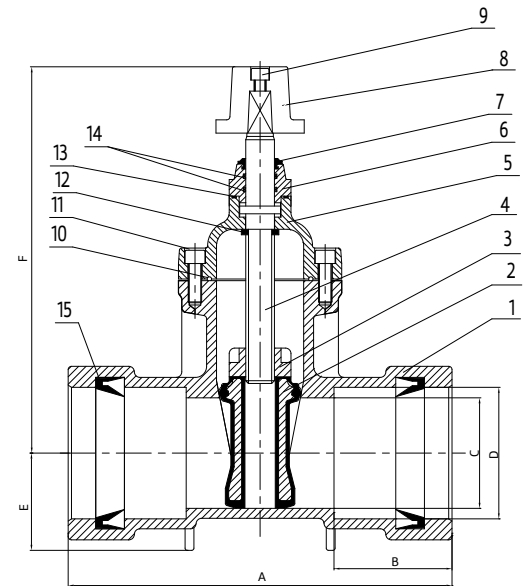


Design Features

- 250 PSI Non-Shock CWP
- Gasketed joint end connections for IPS PVC pressure pipe
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515
- Bronze wedge nut

Parts & Materials

No.	Part	Material
1	Body	Ductile Iron Gr. A536 65/45/12
2	Wedge	Ductile Iron Gr. A536 65/45/12; Buna-N
3	Wedge Nut	Bronze B584 C83600
4	Stem	Stainless Steel 304
5	Bonnet	Ductile Iron Gr. A536 65/45/12
6	Packing Gland	Ductile Iron Gr. A536 65/45/12
7	Stem Wiper	Buna-N
8	Operating Nut	Ductile Iron Gr. A536 65/45/12
9	Handle Bolt	Stainless Steel 304
10	Bonnet O-Ring	Buna-N
11	Bonnet Bolts	Stainless Steel 304
12	Gasket	Buna-N
13	Packing / Bonnet O-Ring	Buna-N
14	Packing / Gland O-Ring	Buna-N
15	Gasket Ring	Buna-N



Dimensions

Size	ASC 10-Digit	Legacy Number	Weight	A	B	C	D	E	F
In			Lb	In	In	In	In	In	In
2	4349001200	017110RN020	27	10.24	3.43	2.08	2.44	2.56	12.01
2-½	4349001210	017110RN025	38	10.75	3.54	2.58	2.99	2.95	12.40
3	4349001210	017110RN030	47	12.01	3.74	3.08	3.58	3.15	13.62
4	4349001230	017110RN040	69	13.78	4.21	4.08	4.65	3.54	15.55
6	4349001240	017110RN060	146	16.85	5.71	6.08	6.77	4.53	20.47
8	4349001250	017110RN080	208	18.50	6.57	8.07	8.74	6.10	22.24

AWWA Gate Valve with Op-Nut, IPS Threaded

Series 10NN

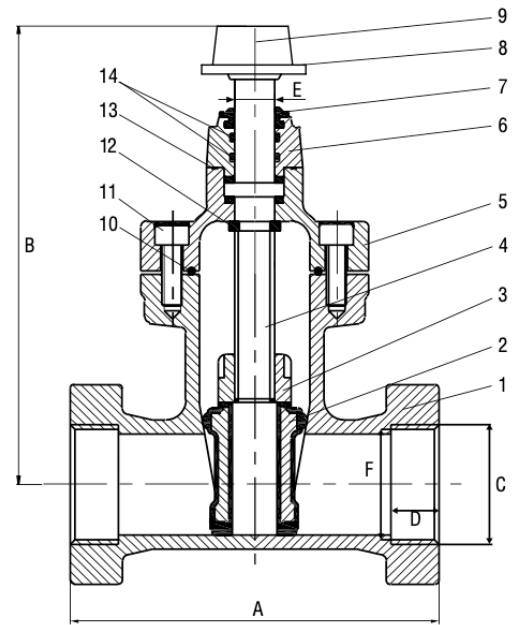


Design Features

- 250 PSI Non-Shock CWP
- Iron Pipe Straight (IPS) Threaded Ends
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515
- Bronze wedge nut

Parts & Materials

No.	Part	Material
1	Body	Ductile Iron Gr. A536 65/45/12
2	Wedge	Ductile Iron Gr. A536 65/45/12; Buna-N
3	Wedge Nut	Bronze B584 C83600
4	Stem	Stainless Steel 304
5	Bonnet	Ductile Iron Gr. A536 65/45/12
6	Packing Gland	Ductile Iron Gr. A536 65/45/12
7	Stem Wiper	Buna-N
8	Operating Nut	Ductile Iron Gr. A536 65/45/12
9	Handle Bolt	Stainless Steel 304
10	Bonnet O-Ring	Buna-N
11	Bonnet Bolts	Stainless Steel 304
12	Gasket	Buna-N
13	Packing / Bonnet O-Ring	Buna-N
14	Packing / Gland O-Ring	Buna-N



Dimensions

Size	ASC 10-Digit	Legacy Number	Weight	A	B	C	D	E	F
In			Lb	In	In	In	In	In	In
2	4349001000	017110NN020	24	7.01	10.31	2.37	0.79	0.79	2.15
3	4349001010	017110NN030	49	7.99	11.73	3.50	1.00	0.87	3.22
4	4349001020	017110NN040	68	9.02	13.78	4.50	1.09	1.02	4.22

AWWA Gate Valve with Hand-Wheel, IPS Threaded Series 10NW

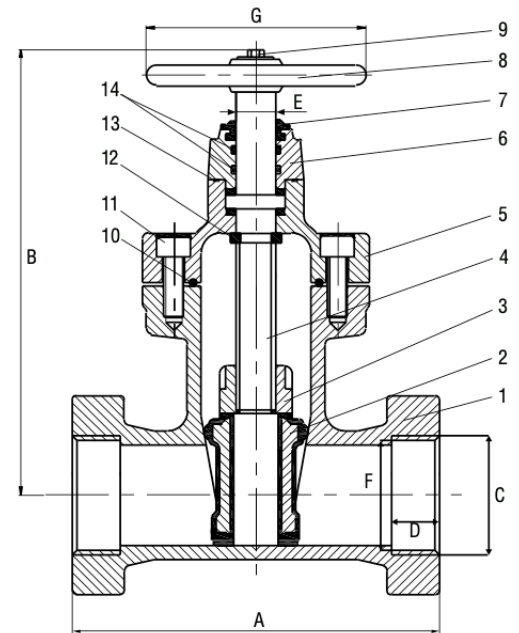


Design Features

- 250 PSI non-shock CWP
- Iron Pipe Straight (IPS) Threaded Ends
- Ductile Iron Body and Bonnet
- Stainless Steel Non-Rising Stem
- Wax Encapsulated Cap Screws
- Fusion Bonded Epoxy Coating
- Meets AWWA C515
- Bronze wedge nut

Parts & Materials

No.	Part	Material
1	Body	Ductile Iron Gr. A536 65/45/12
2	Wedge	Ductile Iron Gr. A536 65/45/12; Buna-N
3	Wedge Nut	Bronze B584 C83600
4	Stem	Stainless Steel 304
5	Bonnet	Ductile Iron Gr. A536 65/45/12
6	Packing Gland	Ductile Iron Gr. A536 65/45/12
7	Stem Wiper	Buna-N
8	Hand-Wheel	Ductile Iron Gr. A536 65/45/12
9	Handle Bolt	Stainless Steel 304
10	Bonnet O-Ring	Buna-N
11	Bonnet Bolts	Stainless Steel 304
12	Gasket	Buna-N
13	Packing / Bonnet O-Ring	Buna-N
14	Packing / Gland O-Ring	Buna-N



Dimensions

Size	ASC 10-Digit	Legacy Number	Weight	A	B	C	D	E	F	G
In			Lb	In	In	In	In	In	In	In
2	4349001030	017110NW020	24	7.01	10.31	2.37	0.79	0.79	2.15	7.09
3	4349001040	017110NW030	49	7.99	11.73	3.50	1.00	0.87	3.22	7.87
4	4349001050	017110NW040	68	9.02	13.78	4.50	1.09	1.02	4.22	9.84

About ASC Engineered Solutions

ASC Engineered Solutions is defined by quality—in its products, services and support. With nearly 2,000 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruklok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF®, SprinkFLEX®, Trenton Pipe and VEP. With headquarters in Oak Brook, IL, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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