

300 PSI CWP Iron Body Gate Valves

Bolted Bonnet • Non-Rising Stem • Resilient Wedge • Flanged Ends

300 PSI/20.6 bar non-shock cold working pressure to 33°F to 160°F
Maximum working temperature 180°F at 250 PSI

CERTIFIED LEAD-FREE* BY TRUESDAIL
LABORATORIES TO NSF/ANSI 61 AND 372

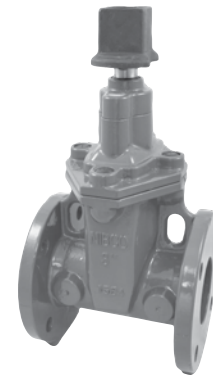


MATERIAL LIST

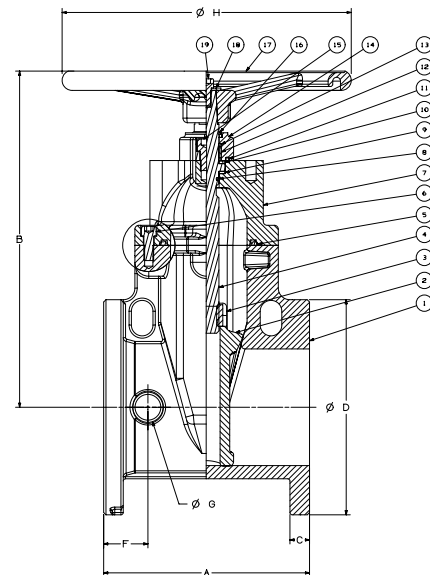
PART	SPECIFICATION
1. Valve Body	Ductile Iron ASTM A536 65-45-12
2. Resilient Wedge	Ductile Iron ASTM A536/EPDM ASTM D2000
3. Wedge Nut	ASTM B584 UNS C83600
4. Stem	Stainless Steel 304
5. Bonnet Gasket	EPDM ASTM D2000
6. Bonnet Screw	Corrosion-resistant Steel
7. Bonnet	Ductile Iron ASTM A536
8. Stem Primary O-Ring	EPDM ASTM D2000
9. Stem Thrust Washer (lower)	Bronze ASTM B584 UNS C83600
10. Stem Thrust Washer (upper)	Stainless Steel ASTM A276 UNS S41000
11. Gland Seal O-Ring	EPDM ASTM D2000
12. Stem Seal Bushing	ASTM B584 UNS C83600
13. Stem Secondary O-Ring	EPDM ASTM D2000
14. Gland Flange	Ductile Iron ASTM A536
15. Stem Ring Wiper	EPDM ASTM D2000



F-619-RWS
Flanged



F-619-RWS-SON
Flanged



F-619-RWS

Flg x Flg
Shown with optional handwheel,
square operating nut not shown

Coating — Electrostatically applied fusion-bonded epoxy 8-20 mil. inside and outside meets or exceeds performance requirements of AWWA C550.

Epoxy coating is not intended to serve as a dielectric barrier internal to the piping system.

NOTE: Flanged valve is consistent with ANSI B16.1 Class 125.

NOTE: 14" & 16" sizes rated to 250 psi

NOTE: Hand wheel is secured with a 12mm x 25mm metric socket head cap screw. Also needs 1/2" wide diameter flat washer.

FREEZING WEATHER PRECAUTION: Subsequent to testing a piping system, valves should be left in an open position to allow complete drainage.

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions														Bolt Circle	Flange Holes	Turns to Open	Weight			
	A	B	C	D	F	G	H	In.	mm.	In.	mm.	Lbs.	Kg.								
2	50	7.00	177.8	10.20	259	0.63	16	6.00	152	1.42	36	1.57	40	7.87	200	4.75	121	4	6.3	22	10
2½	65	7.50	190.5	11.14	283	0.69	18	7.00	178	1.48	38	1.40	36	7.87	200	5.50	140	4	8.1	29	13
3	80	8.00	203.2	12.52	318	0.75	19	7.50	191	1.73	44	1.42	36	7.87	200	6.00	152	4	10.0	35	16
4	100	9.00	228.6	13.39	340	0.94	24	9.00	229	2.13	54	1.42	36	10.24	260	7.50	191	8	12.5	75	34
6	150	10.50	266.7	17.17	436	1.00	25	11.00	279	2.26	57	1.54	39	12.40	315	9.50	241	8	15.0	105	48
8	200	11.50	292.1	20.67	525	1.13	29	13.50	343	2.46	62	1.54	39	14.76	375	11.75	298	8	16.7	163	74
10	250	13.00	330.2	24.06	611	1.19	30	16.00	406	3.15	80	1.82	46	16.38	416	14.25	362	12	20.8	256	116
12	300	14.00	355.6	27.40	696	1.25	32	19.00	483	2.91	74	1.82	46	17.52	445	17.00	432	12	25.0	399	181
14*	350	15.00	381.0	32.05	814	1.38	35	21.00	533	2.95	75	3.22	82	19.69	500	18.75	476	12	43.8	620	281
16*	400	16.00	406.4	34.49	876	1.46	37	23.50	597	3.03	77	3.22	82	19.69	500	21.25	540	16	50.0	816	370

Visit www.nibco.com for current Chem-Guide and galvanic potential in piping systems information.

*Weighted average lead content ≤ 0.25%