



## High Pressure | Wafer & Lug Resilient Seated Butterfly Valve



### Bill of Materials

#	Description	Materials
1	Body	Ductile Iron ASTM A536
2	Stem Retainer	Carbon Steel, Plated
3	Seat	EPDM or BUNA
4	Stem Retainer Screws	Carbon Steel, Plated
5	Stem	Stainless Steel 17-4 PH
6	Disc	Stainless Steel ASTM A351 CF8M or Nylon 11 Coated Ductile Iron
7	Bushing	PTFE
8	O-Ring	BUNA
9	Nameplate Tag	Aluminum

2"-24" Bi-Directional 250 PSI Double Dead-End Service (Lug)



Malleable Iron Handles Up to 6"  
Gear Operators 8"-24"

### Features

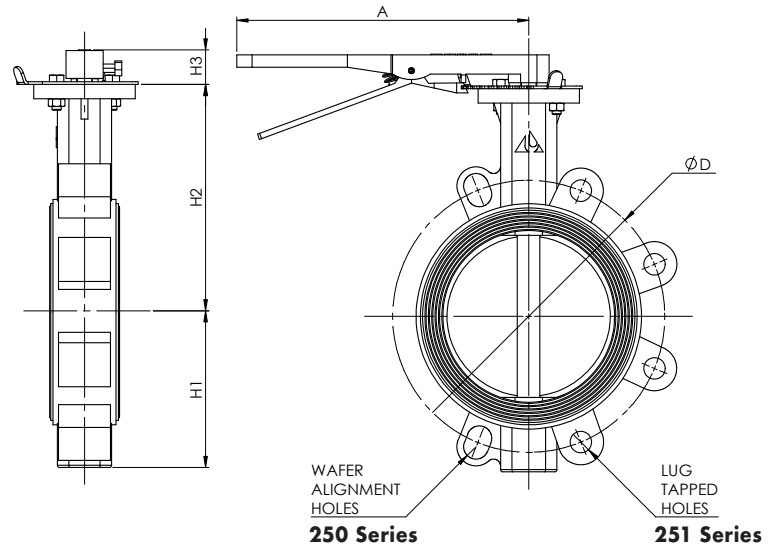
- Industry Leading 3-Year Limited Warranty
- 250 Series Wafer Ductile Iron Body sizes 2" - 24"
- 251 Series Lug Ductile Iron Body sizes 2" - 24"
- Bi-Directional Shutoff 250 PSI
- Bi-Directional Dead End Service 250 PSI (Lug only)
- Install between Standard ANSI class 125/150 flanges
- 250 Series Wafer also compatible with PN10/PN16 flanges
- ISO 5211 square drive shaft for optional automation
- Conforms to MSS-SP-67, MSS-SP-25, API 609
- Designed for blowout-proof service
- Permanent Integral Seat Design
- Vacuum service capable (Please consult factory)

### Approvals

- CRN
- NSF/ANSI 372
- NSF/ANSI 61 (Commercial Hot)

\*Note: Approval Process Underway. Pending.

### 1.5"- 6" Lever Operated Drawings & Dimensions



### Dimensions

Size	A		H1		H2		H3		ØD		L		Wafer Holes		Lug Taps
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	SAE Thread
2"	8.9	226	2.60	66	5.12	130	1.18	30	4.74	120.5	1.69	43	4 X 0.75"	4 X 19mm	4 X 5/8"-11 UNC
2.5"	8.9	226	3.23	82	5.55	141	1.18	30	5.49	139.5	1.81	46	4 X 0.75"	4 X 19mm	4 X 5/8"-11 UNC
3"	8.9	226	3.54	90	5.83	148	1.18	30	6.00	152.5	1.81	46	4 X 0.75"	4 X 19mm	4 X 5/8"-11 UNC
4"	10.2	259	4.25	108	6.69	170	1.18	30	7.50	190.5	2.05	52	8 X 0.75"	8 X 19mm	8 X 5/8"-11 UNC
5"	10.2	259	4.84	123	7.36	187	1.18	30	8.50	216.0	2.20	56	8 X 0.87"	8 X 22mm	8 X 3/4"-10 UNC
6"	10.2	259	5.43	138	7.95	202	1.18	30	9.51	241.5	2.20	56	8 X 0.87"	8 X 22mm	8 X 3/4"-10 UNC

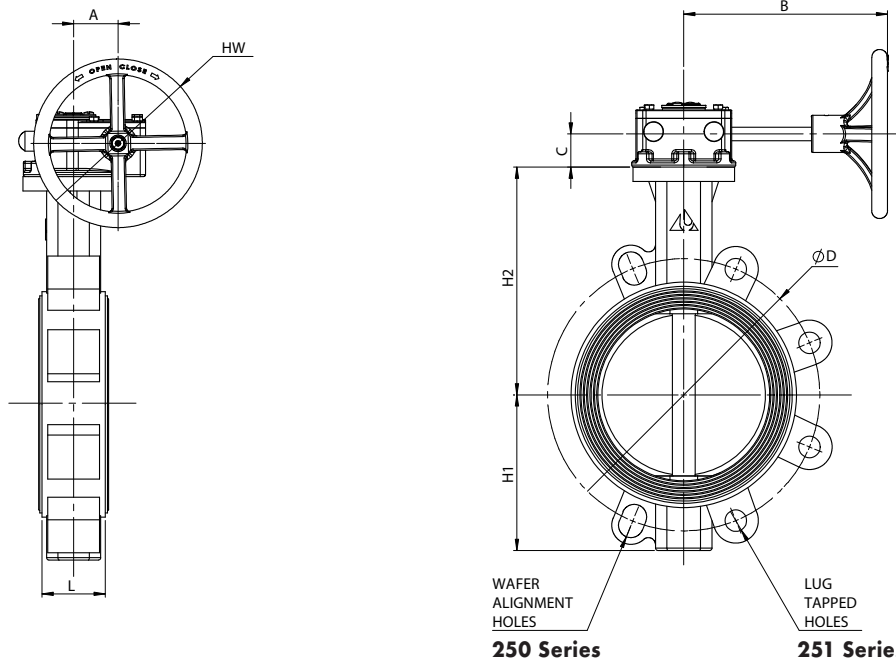
Dimensions w/ Gear Operator on Next Page →

# 250/251 Series Data Sheet



2" -24", 250 psi

## 8" - 24" Gear Operated Drawings & Dimensions



### Dimensions

Size	A		B		H1		H2		C		ØD		L		Wafer Holes		Lug Taps	HW
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	SAE Thread	in
8"	2.4	60	8.4	213	6.69	170	9.37	238	1.42	36	11.75	298.5	2.36	60	8 X 0.87"	8 X 22mm	8 X 3/4"-10 UNC	10
10"	2.4	60	8.4	213	7.87	200	10.71	272	1.42	36	14.25	362.0	2.68	68	12 X 0.98"	12 X 25mm	12 X 7/8"-9 UNC	10
12"	2.6	67	8.3	211	9.29	236	12.01	305	1.42	36	17.01	432.0	3.07	78	12 X 0.98"	12 X 25mm	12 X 7/8"-9 UNC	12
14"	2.6	67	8.3	211	10.31	262	12.99	330	1.42	36	18.74	476.0	3.07	78	12 X 1.14"	12 X 29mm	12 X 1"-8 UNC	12
16"	3.5	89	11.1	282	12.60	320	14.17	360	2.01	51	21.24	539.5	4.02	102	16 X 1.14"	16 X 29mm	16 X 1"-8 UNC	16
18"	3.5	89	11.1	282	13.78	350	15.55	395	2.01	51	22.76	578.0	4.49	114	16 X 1.26"	16 X 32mm	16 X 1-1/8"-7 UNC	16
20"	5.0	126	13.5	343	15.16	385	17.32	440	2.52	64	25.00	635.0	5.00	127	20 X 1.26"	20 X 32mm	20 X 1-1/8"-7 UNC	16
24"	6.1	154	14.4	366	16.54	420	19.69	500	2.76	70	29.51	749.5	5.94	151	20 X 1.38"	20 X 35mm	20 X 1-1/4"-7 UNC	16

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