



## Stainless Steel Body Series 8000 2" – 6"

The Grinnell Series 8000 with stainless steel body is designed for applications in the food & beverage, chemical and mining markets where a chemical resistant body is required. Available in both a lug and wafer design in sizes 2"-6" the bodies are investment cast 316 stainless steel. Combine the benefits of the stainless steel body with the proven performance of the Series 8000 design and you have a winning combination for solving your Toughest butterfly valve applications.

- Every Butterfly Valve is seat tested for bubble-tight closure at 110% of rated pressure  
Pressure Rating:  
250 PSIG WOG (non-shock)  
Full Vacuum Service  
Design complies with MSS-SP-67.

- **BODY** – Short neck design investment cast 316 Stainless steel body – designed for ANSI 125/150 flanges. The wafer design is compatible with DN flanges as well.

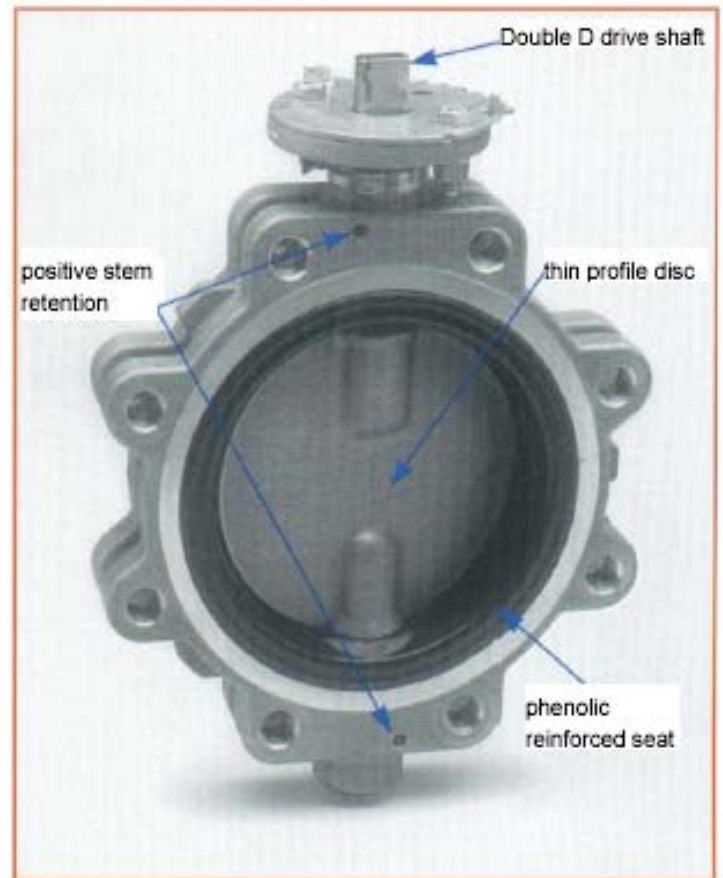
- **SEAT** – Elastomer reinforced with phenolic backing ring assures you of reliable service from full vacuum to 250 psi. No flange gaskets are required.

- **DISC** – Streamlined for maximum flow and minimum seat wear.

- **STEM/DISC ATTACHMENT** – Rectangular Drive ensures proper stem-to-disc assembly. Disc "floats" inside the liner – ensuring positive sealing and extended seat life. No pins or bolts are exposed to flow.

- **STEMS** – Two piece design for easy maintenance and maximum flow. Top stem in Double D giving positive indication of Disc position at all times.

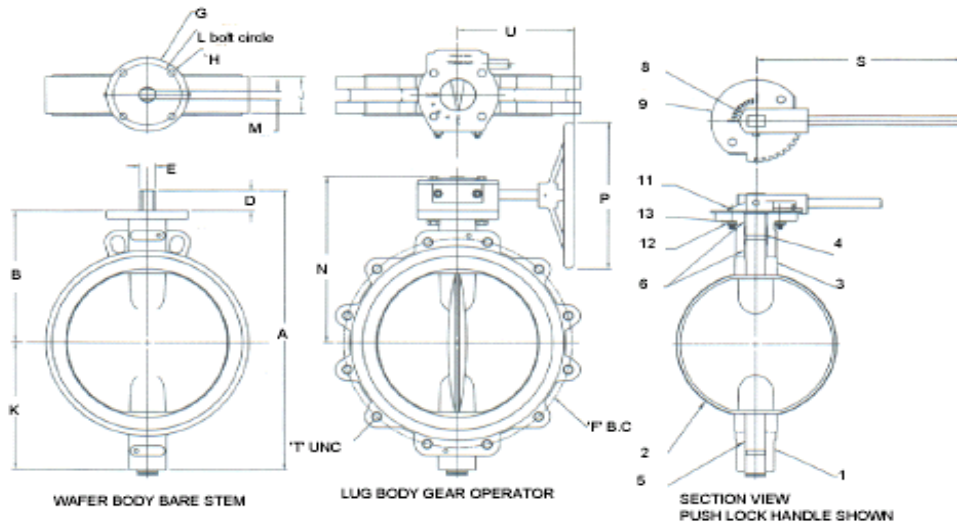
- **STEM BUSHINGS** – TFE bushings are standard on both the upper and lower stems.



- **POSITIVE STEM RETENTION** – Pin retains stem in body at all times, allowing removal of handle or actuator while under full service pressure.

- **HANDLES/OPERATORS** – A variety of handles, gear operators, pneumatic and electric actuators are available.

# STAINLESS STEEL BODY SERIES 8000



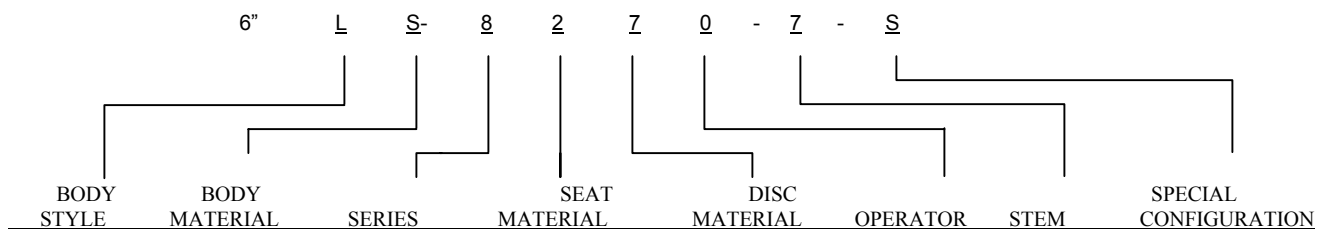
Dimensions (Inches)

VLV SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	U	S	T	NO OF LUGS
2	7.56	3.94	3.94	1.06	.56	4.75	4.00	.41	1.62	2.56	3.00	.437	7.57	5	4.45	10.50	5/8	4
3	9.19	4.88	4.88	1.06	.56	6.00	4.00	.41	1.75	3.25	3.00	.437	8.51	5	4.45	10.50	5.8	4
4	11.31	6.00	6.00	1.06	.62	7.50	4.00	.41	2.00	4.25	3.00	.437	9.63	5	4.45	10.50	5.8	8
6	13.56	6.50	6.50	1.06	1.00	9.50	4.00	.41	2.12	6.00	3.00	.437	10.13	5	4.45	10.50	3/4	8

## Material Specifications – ASTM References

Item No.	Description	Material	Specification
1	BODY	STAINLESS STEEL	A351 CF8M
2	DISC	STAINLESS STEEL	A351 CF8M
3	LINER ASSEMBLY	ELASTOMER OVER PHENOLIC	
4	SHAFT, DRIVE	316 STAINLESS STEEL	A276/479, TYPE 316
5	SHAFT, BOTTOM	316 STAINLESS STEEL	A276/479, TYPE 316
6	BUSHING	GRPTFE	
7	NAMETAG	300 SERIES STAINLESS	
8	PUSHLOCK HANDLE ASSEMBLY	STAINLESS STEEL	A351 CF8M (HUB)
9	10 POS. INDICATOR PLATE	300 SERIES STAINLESS	
10	RETENTION PIN SCREW	302 SERIES STAINLESS	
11	HEX HEAD CAP SCREW	300 SERIES STAINLESS	
12	HEX NUT	300 SERIES STAINLESS	
13	LOCK WASHER, SPLIT	300 SERIES STAINLESS	

## How to Order by Figure Number



**W - Wafer**  
**L - Lugged**

**S - 316SS**

**8 - 8000**

**0 - Teflon\*\***  
**1 - Buna-N**  
**2 - EPDM**  
**3 - Food Grade Buna N**  
**9 - Food Grade EPDM**  
**X - Special**

**3 - PVDF (Kynar Coated)**  
**7 - 316 S.S.**  
**8 - Al Bronze**

**0 - None**  
**1 - 10 Pos.**  
**2 - Gear**  
**3 - Actuator (Specify)**  
**A - 10 Pos. Pushlock**

**7 - 316 S.S. w/ Teflon**  
**5 - 316SS Vented**

**(leave blank if none)**  
**S - Sanitary**

**Grinnell Flow Control**

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