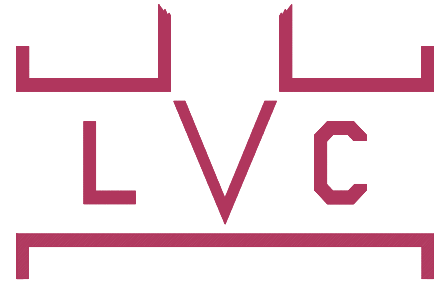


# LINED VALVE COMPANY, INC.

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## FIGURE 82 FABRICATED SLIDE GATE VALVE

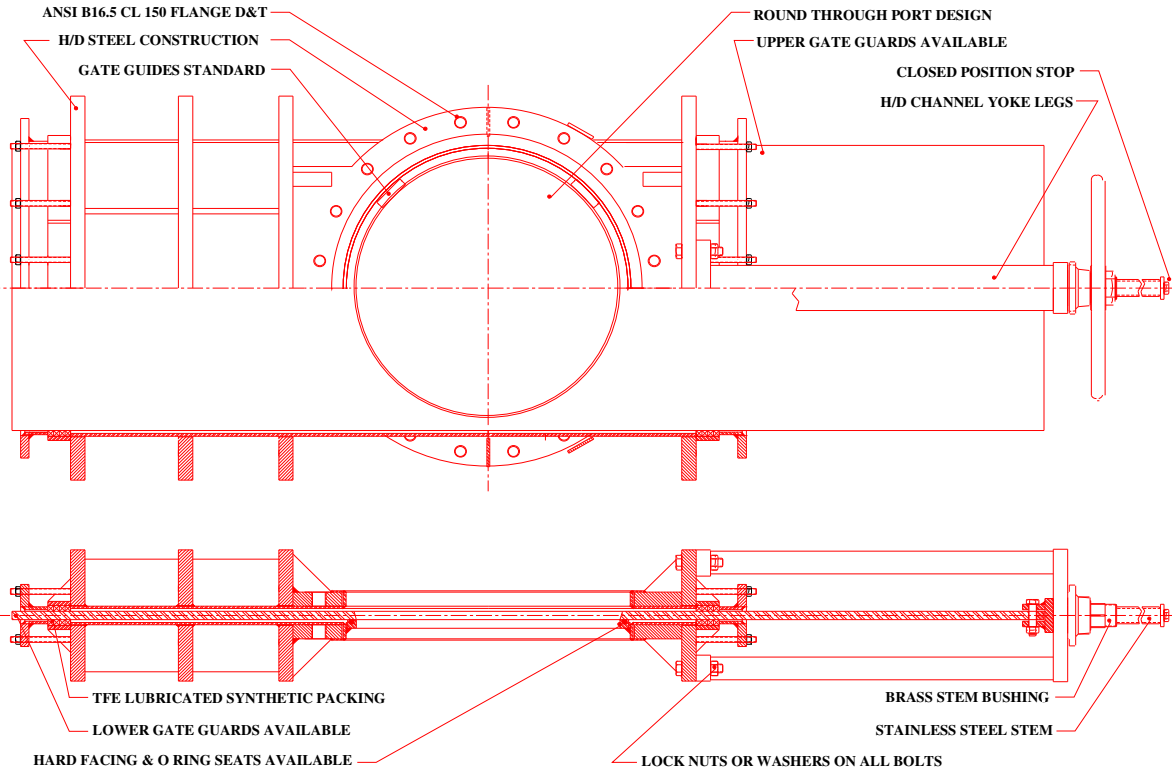


## FEATURES

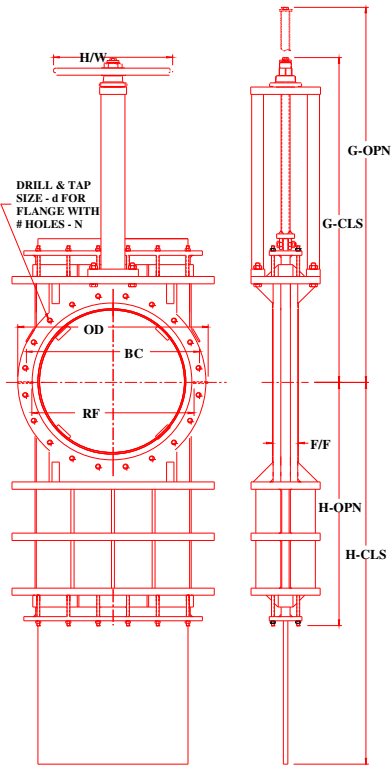
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- **Fabricated** stainless steel lined body ideally suited for dense or abrasive media, both wet and dry.
  - **Stainless steel** gate, seat and raised face.
  - **Heavy duty** designed body to resist deflection from line loads and internal pressure.
  - Gate designed to withstand full **150 PSI** rated pressure as required by **MSS-SP-81**.
  - Body cavity, seat configuration and beveled gate **designed to provide shut-off** capability in thick media such as pulp stock, slurries, or with solid media such as pellets or powders.
  - Valve **seat face is protected** by gate in both open and closed positions.
  - **Full range of operators** available including air cylinder, bevel gear and electric motor operator.
  - **Enclosed brass stem bushing** provides reduced operating torque and protection of the stem bushing from harsh environments.
  - Can be manufactured in **special materials** such as ALLOY 20, HASTELLOY, TITANIUM and MONEL for severe services.
  - O-Ring **resilient seat** available.
  - **Precision machined** stainless steel gate for superior seating capability.
  - **Stainless steel stem** for corrosion resistance.
  - Teflon **wiper available** in packing to provide gate support and stabilize packing seal.
  - **Designed and tested to MSS-SP-81** dimensions and specifications.
  - **Hard face seat** available to prevent galling or wear
-

# LINED VALVE COMPANY, INC. FABRICATED SLIDE GATE VALVE - FIG 82



VALVE SHOWN IN OPEN POSITION



### DIMENSIONS AND WEIGHTS:

	VALVE SIZE										
	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
<b>F/F</b>	2"	2"	2-1/4"	2-3/4"	2-3/4"	3"	3"	3-1/2"	3-1/2"	4-1/2"	4-1/2"
<b>BC</b>	6"	7-1/2"	9-1/2"	11-3/4"	14-1/4"	17"	18-3/4"	21-1/4"	22-3/4"	25"	29-1/2"
<b>RF</b>	5"	6-3/16"	8-1/2"	10-5/8"	12-3/4"	15"	16-1/4"	18-1/2"	21"	23"	27-1/4"
<b>OD</b>	7-1/2"	9"	11"	13-1/2"	16"	19"	21"	23-1/2"	25"	27-1/2"	32"
<b>N/d</b>	4 5/8"-11	8 5/8"-11	8 3/4"-10	8 3/4"-10	12 7/8"-9	12 7/8"-9	12 1"-8	16 1"-8	16 1-1/8"-7	20 1-1/8"-7	20 1-1/4"-7
<b>G-CLS</b>	18-3/4"	20-1/2"	24-3/8"	28-1/2"	32-1/8"	36"	38-3/4"	42-1/2"	45-3/4"	47-1/2"	55-3/4"
<b>G-OPN</b>	22"	24"	31"	36"	43-5/8"	48-3/4"	51-1/2"	58"	63-3/4"	66-1/2"	79-3/8"
<b>H-CLS</b>	11-3/4"	14-1/2"	19-3/8"	24-1/2"	30-1/8"	36"	38-3/4"	44-1/2"	49-3/4"	54-1/4"	65-1/4"
<b>H-OPN</b>	9"	10"	13-1/4"	16-1/2"	19-5/8"	23-3/4"	24-3/4"	28-1/2"	31-3/4"	34"	41-1/2"
<b>H/W</b>	8"	8"	12"	12"	16"	16"	20"	20"	20"	20"	20"
<b>Weight</b>	75	92	122	170	245	340	445	565	640	915	1145

### MATERIALS:

	MATERIAL CODE				
	W44	A44	W66	A66	A77
<b>BODY, SEAT and RF</b>	304	304	316	316	317
<b>GATE</b>	304	304	316	316	317
<b>PACKING GLAND</b>	STEEL	304	STEEL	316	317
<b>FLANGES, EXT. TRIM</b>	STEEL	304	STEEL	304	304
<b>YOKE</b>	STEEL	304	STEEL	304	304
<b>STEM &amp; CLEVIS</b>	304	304	304	304	304
<b>STEM BUSHING</b>	BRASS	BRASS	BRASS	BRASS	BRASS
<b>BOLTING</b>	PLATED	304	PLATED	304	304
<b>PACKING</b>	TFE/SYN.	TFE/SYN.	TFE/SYN.	TFE/SYN.	TFE

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