



**Knife Gate
Valves**

FV 150-SG Slide Gate Valve

The Fabricast FV 150-SG is a metal slide gate valve featuring a fabricated steel body, packing gland, and yoke. It is designed and tested to conform with MSS SP-81, and ASME B16.5 Class 150 specifications.

The heavy-duty body features stainless steel machined faces. It is designed to withstand up to 150 PSI of pressure as required by MSS SP-81.

As also required by this standard, the stainless steel ground and machined gate is designed to withstand pressures up to 150 PSI.

The stainless steel stem resists corrosion, and is accompanied by a stainless steel stemnut retainer that protects the stem bushing from harsh environments, and reduces operating torque.

Converting from the handwheel operator to cylinder, bevel gear, or electric motor is easy and requires no additional welding.

Our Teflon Synthetic Packing is rated standard with a Ph range of 3-11, and temperature rating up to 500° F.



Valve Dimensions per MSS SP-81

Valve Size NPS	Flanges							Thickness minimum (Includes 0.06 Raised Face)	Face-to-Face
	Outside Diameter	Raised Face Outside Diameter	Bolt Circle Diameter	Bolting					
				Quantity	Tap Size UNC	Clearance Hole Diameter			
2	6.00	3.62	4.75	4	5/8-11	0.75	0.50	1.88	
3	7.50	5.00	6.00	4	5/8-11	0.75	0.50	2.00	
4	9.00	6.19	7.50	8	5/8-11	0.75	0.50	2.00	
5	10.00	7.31	8.50	8	3/4-10	0.88	0.63	2.25	
6	11.00	8.50	9.50	8	3/4-10	0.88	0.63	2.25	
8	13.50	10.62	11.75	8	3/4-10	0.88	0.63	2.75	
10	16.00	12.75	14.25	12	7/8-9	1.00	0.75	2.75	
12	19.00	15.00	17.00	12	7/8-9	1.00	0.75	3.00	
14	21.00	16.25	18.75	12	1-8	1.12	0.81	3.00	
16	23.50	18.50	21.25	16	1-8	1.12	0.88	3.50	
18	25.00	21.00	22.75	16	1-1/8-7	1.25	0.94	3.50	
20	27.50	23.00	25.00	20	1-1/8-7	1.25	1.00	4.50	
24	32.00	27.25	29.50	20	1-1/4-7	1.38	1.00	4.50	

Fabricast Valve

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