



**Knife Gate  
Valves**

# FV 150-PS Resilient Seated

**Fabricast Valve**

The Fabricast FV 150-PS is a resilient (rubber) seated, perimeter sealed, knife gate valve featuring a cast stainless 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 cast body features a full-port I.D. and machined faces. It is designed to withstand up to 150 PSI of pressure as required by MSS SP-81.

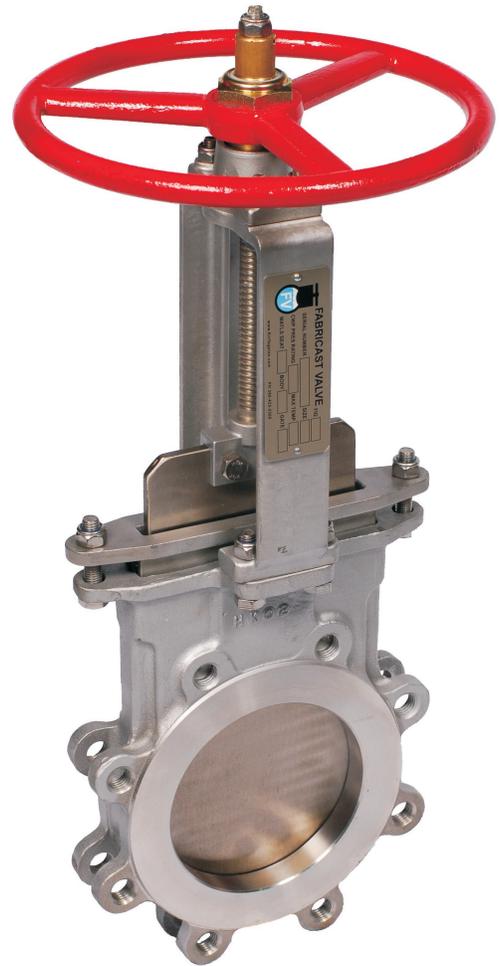
As also required by this standard, the ground and machined stainless steel gate is designed to withstand pressures up to 150 PSI.

Our resilient/rubber seat provides a bi-directional, drip-tight seal across the gate for any pressure up to 150 PSI. It is flush with the bottom of the valve, making replacement quick and easy, and eliminating pockets to provide a smooth transition for the pipeline media.

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.

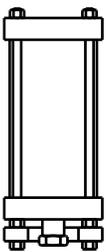
Our Teflon Synthetic Packing is rated standard with a Ph range of 3-11, and temperature rating up to 500° F.

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

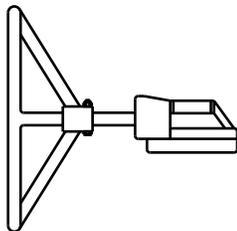


## Optional Operators

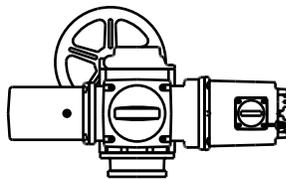
see [www.knifegates.com](http://www.knifegates.com) for details



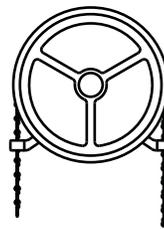
Cylinder



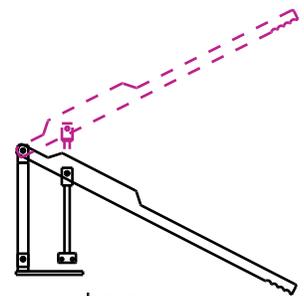
Bevel Gear



Electric Motor



Chain Wheel



Lever

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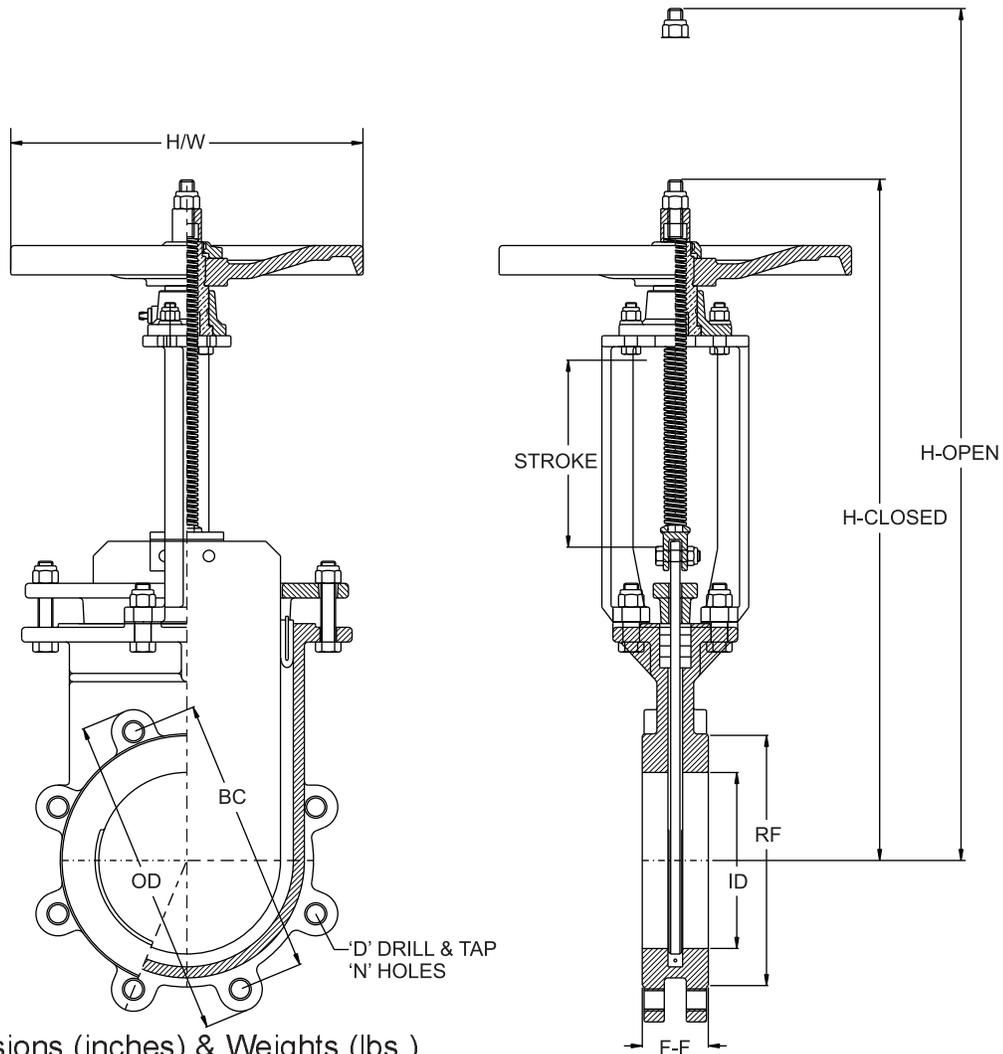
Knife Gate Valves & Custom Fabrication / phone (360) 425-0306, fax (360) 425-0353



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Dimensions (inches) & Weights (lbs.)

Size		2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
Face to Face	F-F	1-7/8"	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"
Flange OD	OD	6"	7-1/2"	9"	11"	13-1/2"	16"	19"	21"	23-1/2"	25"	27-1/2"	32"
Bolt Circle	BC	4-3/4"	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"
Inside Diameter	ID	2"	3"	4"	6"	8"	10"	12"	13-5/8"	15-1/2"	17-1/2"	19-1/2"	23-3/8"
Number of Holes	N	4	4	8	8	8	12	12	12	16	16	20	20
Hole D&T Size	D	5/8"-11	5/8"-11	5/8"-11	3/4"-10	3/4"-10	7/8"-9	7/8"-9	1"-8	1"-8	1-1/8"-7	1-1/8"-7	1-1/4"-7
C/L to Top Closed	H-CLOSED	13-5/8"	16"	17-3/4"	21-5/8"	26-3/4"	32-1/8"	36-3/8"	42"	46-3/4"	52-3/8"	76-1/4"	91-1/4"
C/L to Top Open	H-OPEN	16"	19-3/4"	21-5/8"	27-3/4"	34-3/4"	42-3/4"	48-5/8"	55-1/4"	63-1/8"	70-1/2"	96-3/4"	116"
Handwheel Dia.	H/W	8"	8"	8"	12"	12"	15"	15"	15"	20"	20"	20"	30"
Raised Face Diameter	RF	3-5/8"	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"
Weight (lbs.)		20	29	38	52	85	120	160	212	300	350	480	600

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