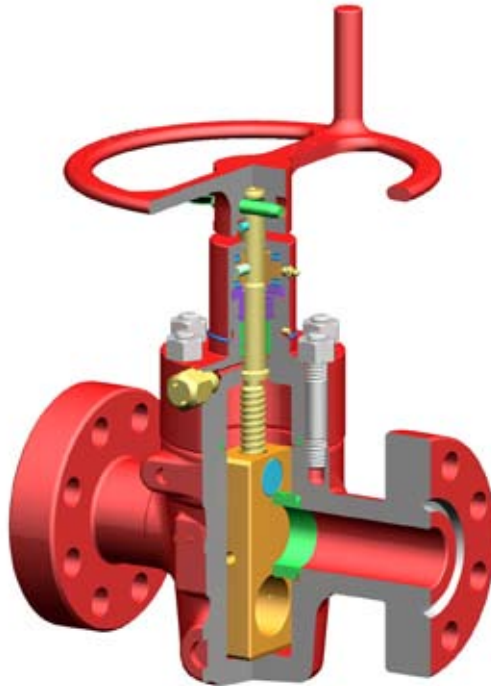


# Model 130plus Gate Valve



FMC Technologies Model 100plus series valves are the most technically advanced slab gate valves in the oil and gas industry. This new gate valve design is based on more than 20 years of field experience with the Model 100 valves plus 4 years of extensive research and development. Extensive finite element analysis led to the key development of a lighter, more open valve body which provides better access to the seat pockets for easier, quicker assembly and maintenance.

Although API Spec 6A allows manufactures to qualify valves by scaling one size above and one size below the tested valve, FMC Technologies individually qualifies each Model 130plus gate valve size using nitrogen gas. In addition, FMC Technologies imposes additional performance requirements and endurance testing to simulate 25 years of operation in the field.

The Model 130plus gate valve is also available in an “adapted for actuator” configuration, fully assembled, tested, and ready for attachment of an actuator.

## Applications

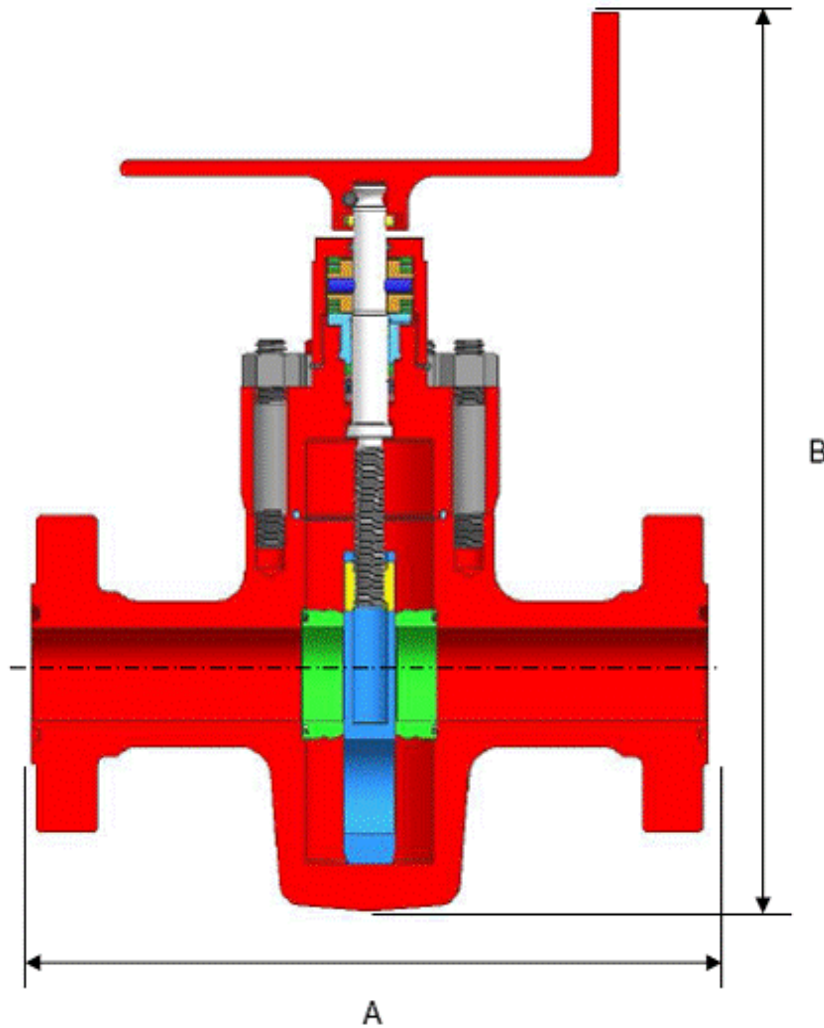
- Wellhead annulus outlet valve
- Production master and wing valve
- 10,000 psi pressure ratings available
- -75° F to 350° F
- Material class AA to HH

## Benefits

- Easier to operate because of lower torque design
- Low total cost of ownership – extensively tested and designed for a 25 year life
- Inexpensive to maintain – common components across valve family reduce your spares inventory
- Easy to repair in the field through innovative design geometry

## Features

- Bidirectional metal-to-metal sealing floating slab gate
- Metal-to-metal sealing between seat and body
- Light weight, simple design
- Non-rising stem
- Patented UV stem packing seals
- Proprietary hardfacing
- End connections conform to API Spec 6A
- Standard API ring gaskets
- Qualified to API Spec 6A Appendix F PR2



130plus 10,000 psi

Size, inches	Working Pressure, psi	Dimensions, inches		Operating Torque, ft-lb		Weight, lbm	Turns to open/close	Stroke, in.
		A	B	Min	Max			
1-13/16	10,000	18.25	23.70	41	71	172	11.4	2.28
2-1/16	10,000	20.50	24.20	48	86	210	12.8	2.56
2-9/16	10,000	22.25	28.10	79	146	303	16.0	3.20
3-1/16	10,000	24.38	30.17	100	194	381	19.0	3.79
4-1/16	10,000	26.38	34.20	159	313	688	24.1	4.82

**We put you first.  
And keep you ahead.**