

M-1 Type Gate Valves

SWECO's M-1 gate valves feature a non-rising stem with an expanding gate design for safe and dependable service in any environment. They are available in flanged ends in standard bore sizes.

Features

Full-Bore Thru-Conduit Design

- Maximizes valve service life

Expanding Gate

- Produces a positive mechanical seal across the seats with or without line pressure
- Isolates the body cavity from bore pressure in both the open and closed position

Metal to Metal Seals

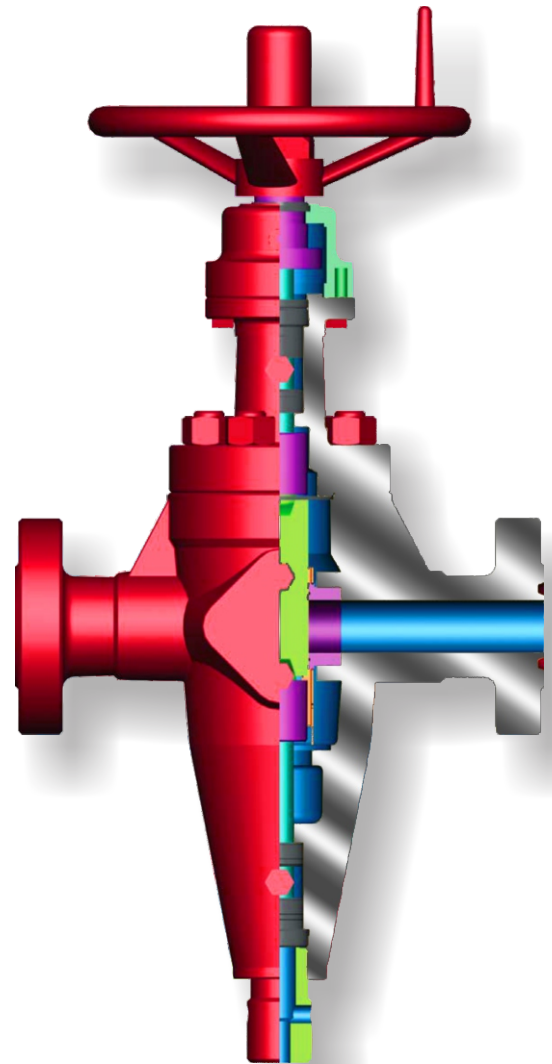
- Body/bonnet interface, and gate/seat interface

In-line Repairability

- Stem packing is re-energized while the valve is under pressure

Long Life, Low Maintenance

- Simple routine maintenance program limits repairs, eases operation, protects against corrosion, and extends service life

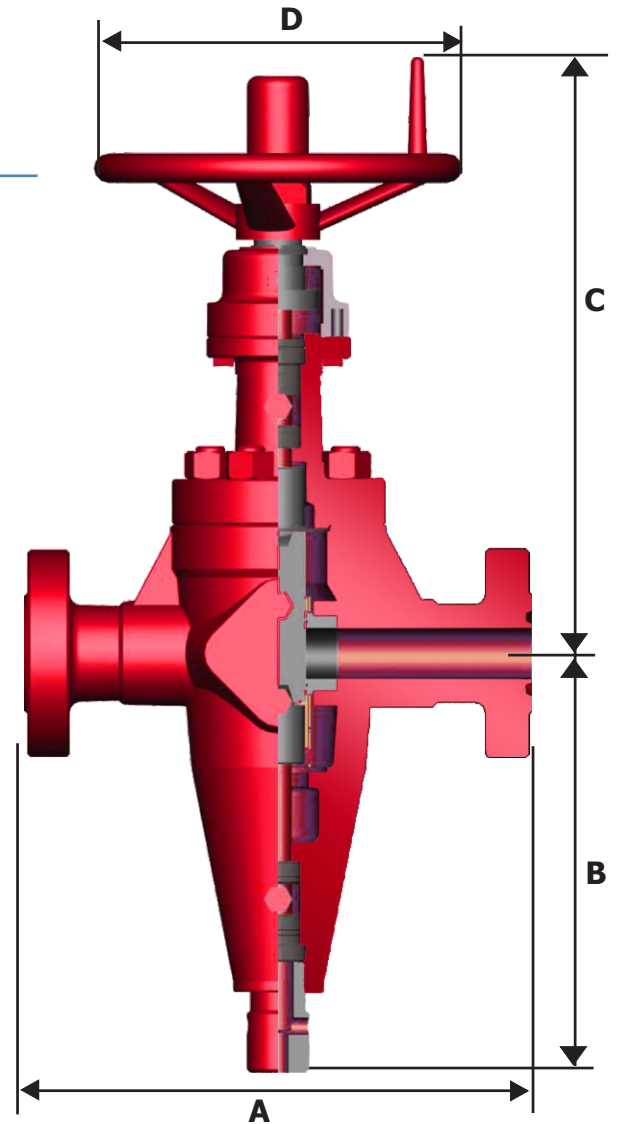


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Specifications

10,000 psi

Flange Size	A	B	C	D
1-13/16"	18.25"	14.50"	21.00"	14"
2-1/16"	20.50"	15.62"	23.50"	19"
2-9/16"	22.25"	18.00"	25.88"	19"



Trim Chart

Service Condition	Trim	Body	Bonnet	Gate	Seat	Stem
General, Non-Corrosive	AA	Alloy	Alloy	Alloy	Alloy	Alloy
General, Slightly Corrosive	BB	Alloy	Alloy	410 SS Hardface	410 SS Hardface	17-4 PH
General, Moderately Corrosive	CC	410 SS	410 SS	410 SS Hardface	410 SS Hardface	17-4 PH
Sour, Non-Corrosive	DD	Alloy	Alloy	Alloy	Alloy	17-4 PH
Sour, Slightly Corrosive	EE	Alloy	Alloy	410 SS Hardface	410 SS Hardface	17-4 PH
Sour, Moderately Corrosive	FF	410 SS	410 SS	410 SS Hardface	410 SS Hardface	17-4 PH