



KNIFE GATE VALVES

VL SERIES

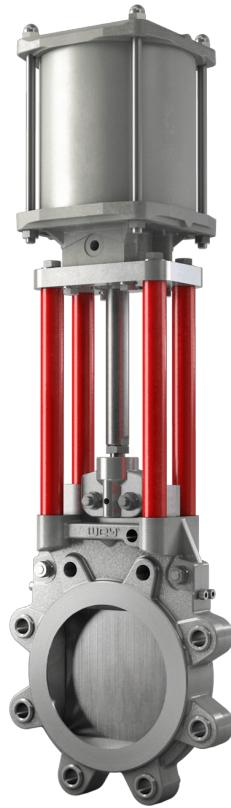


WEY DESIGN

ORIGINAL

VL SERIES

With the optimized lug design of our VL Series, we give you the best of both worlds. It unites cost-saving design and the highest possible performance. Made of stainless steel as standard, it is often used in corrosive applications and, thanks to its 100% bidirectional bubble-tight shut off, offers the best possible customer confidence and satisfaction.



CHARACTERISTICS VL SERIES

2 – 36 inch

Nominal sizes

Stainless steel, Special material

Material

0 – 150 psi

Pressure rating

ANSI Class 150

Flange drilling

MSS-SP81

Face to face dimension



A unique transverse seal, consisting of a transverse seal profile and packing compound, makes the body bubble-tight towards the atmosphere.



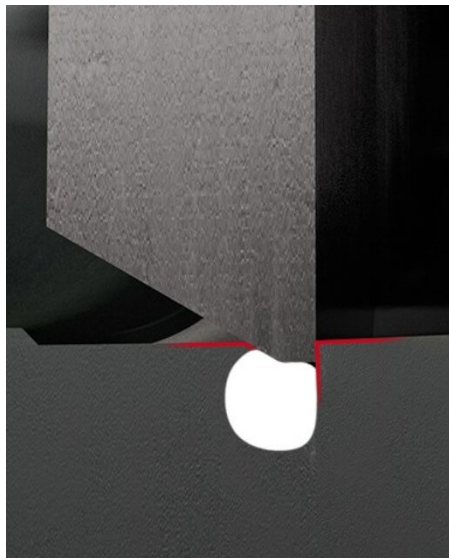
The transverse seal can be repacked at any time and under full pressure using the lateral packing screws.



Robust 4-post topwork for maximum load and a wide variety of actuator types.



With its optimized gate geometry, accumulated media is pushed out of the gate guide and flushed out into the bore by the increased flow.



In the closed end position, the gate is also mechanically supported.

APPLICATION AREAS

Chemical and petrochemical industries

e.g. Viscous pastes, Granulates, Chemically contaminated waste water ...

Food and beverage

e.g. Syrups, juices and beverages, Cereal, vegetable, mash, etc., Processed fruits, Cheese powder, Cocoa beans ...

Pulp and paper industry

e.g. Pulp Stock (Low to high density), Liquor (black, white, green), Chemical solutions, bleaching agents ...

Water treatment

e.g. Seawater, Saltwater ...

MATERIAL OF CONSTRUCTION

| | |
|-------------------|---------------------|
| Part | Stainless steel |
| Body | 316 Stainless steel |
| Gate | 316 Stainless steel |
| Seal | Aflas |
| Topwork | Carbon steel |
| Stem / Piston rod | 430F |

Other materials upon request

CORROSION PROTECTION

| | |
|---------|-----------------------|
| Topwork | Two-layer wet coating |
| Screws | Stainless steel |

ACTUATORS



Handwheel



Bevel gear



Pneumatic cylinder









Hydraulic cylinder






Electric actuator

DOWNLOADS





General documents

| | | |
|------------------------------------|-----|---|
| Product brochure knife gate valves | PDF |  |
| Instruction manual | PDF |  |
| Seal arrangement | PDF |  |
| Lubricants | PDF |  |
| Declaration of conformity DGRL | PDF |  |
| Declaration of incorporation ECMD | PDF |  |

Data sheets


| | | |
|----------------------------|-----|---|
| VL with handwheel | PDF |  |
| VL with bevel gear | PDF |  |
| VL with pneumatic cylinder | PDF |  |


CAD files

| | | |
|---|-----|---|
| VL with handwheel 2D (DXF/DWG) | ZIP |  |
| VL with handwheel 3D (STEP) | ZIP |  |
| VL with pneumatic cylinder 2D (DXF/DWG) | ZIP |  |
| VL with pneumatic cylinder 2D (STEP) | ZIP |  |

**CONTACT US FOR YOUR
INDIVIDUAL SOLUTION.**

 [Contact](#)

 +1 662 963 2020

 rfq@weyvalve.com