VS SERIES

The appeal of the VS series lies in its ingenious semi-lug design. The lightweight construction of this knife gate valve, which is available in stainless steel, makes it very cost-effective. Nonetheless, it gives our customers the highest level of reliability and durability in use. This is also because – like all Wey products – it can be repacked at any time and ensures zero leakage while in use.

CHARACTERISTICS VS SERIES

50 – 900 mm

Nominal sizes

Stainless steel, Special material

Material

0 – 10 bar

Pressure rating

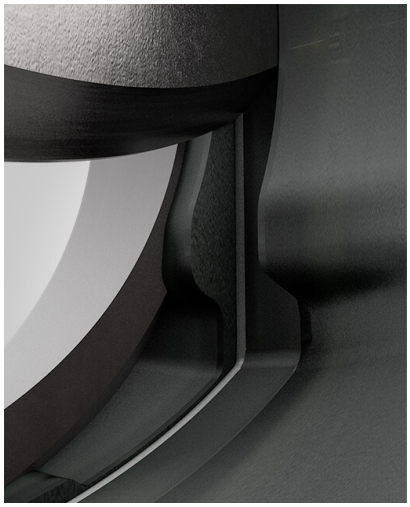
ANSI Class 150

Flange drilling

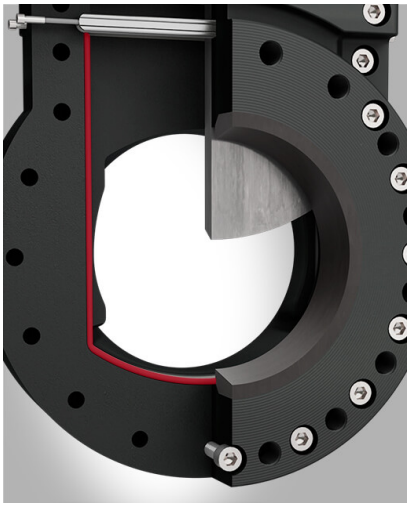
MSS-SP81

Face to face dimension

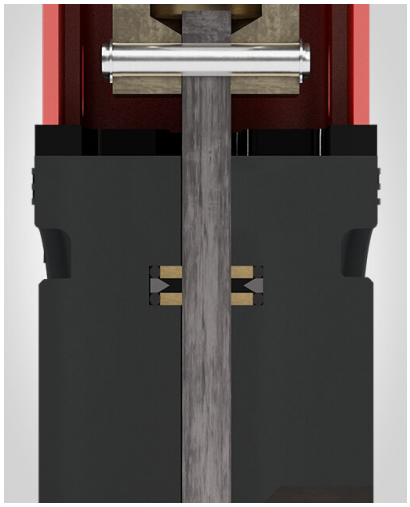
The robust metal yoke enables the optimal, simple assembly of mechanical or inductive limit switches. The yoke can be removed from one side. This makes it easier to access the mechanical parts.



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



A mechanically retained round cord seal creates a bubble-tight shut off on the gate edge.



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

APPLICATION AREAS

Biogas plants
e.g. Food waste, Household waste, Wood chips, Manure, Substrates, Other renewable resources ...

Chemical and petrochemical industries
e.g. Viscous pastes, Granulates, Chemically contaminated waste water, Bitumen/tar ...

Infrastructure
e.g. Waste water, Rainwater, Industrial water, Mixed 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, Recycling tissue ...

Waste water treatment plants
e.g. Waste water, Raw water, Sludge, Digested sludge, Floating sludge ...

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

Body	EKB powder coat
Topwork	EKB powder coat
Screws	Stainless steel

ACTUATORS

Handwheel

Manual lever

Bevel gear

Pneumatic cylinder

Hydraulic cylinder

Electric actuator

CONTACT US FOR YOUR TAILOR-MADE SOLUTION.

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