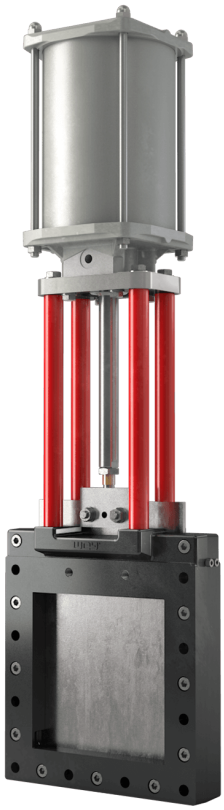
VK SERIES

Thanks to its square shape, the VK knife gate valve increases the range of possible ways you can use the round Wey knife gate valve, with its well-known advantages. This is the best solution for achieving absolute zero leakage shut off, even when using rectangular or square flange connections.



CHARACTERISTICS VK SERIES

200 – 1000 mm

Nominal sizes

Stainless steel, Cast iron, Special material

Material

0 – 2.5 bar

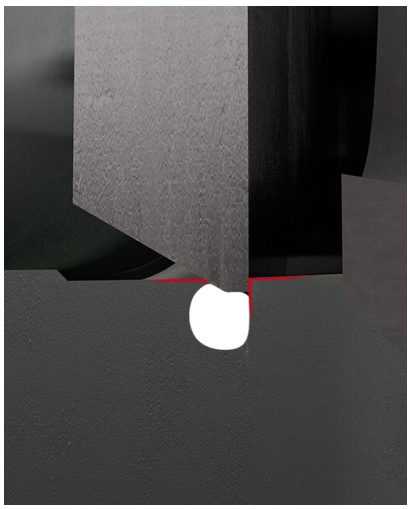
Pressure rating

Special flange

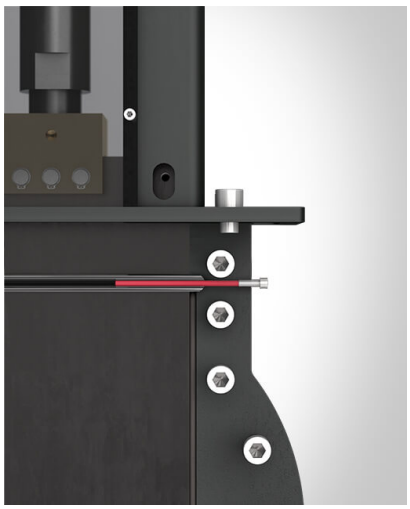
Flange drilling

Special length

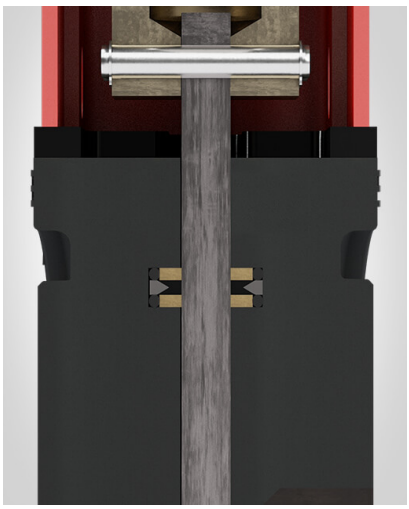
Face to face dimension



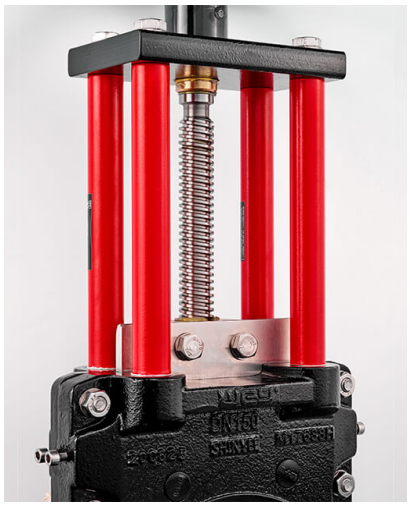
In the closed end position, the gate is also mechanically supported.



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



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



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

APPLICATION AREAS

Biogas plants

e.g. Household waste, Wood chips ...

Mining

e.g. Coal dust, Lime powder ...

Chemical and petrochemical industries

e.g. Granulates ...

Coal fired power stations

e.g. Lime powder ...

Cement industry

e.g. Lime powder ...

MATERIAL OF CONSTRUCTION

Part	Cast iron	Stainless steel
Body	EN-GJL-250	1.4404
Gate	1.4301	1.4404*
Seal	NBR	NBR
Topwork	Carbon steel	Carbon steel
Stem / Piston rod	1.4104	1.4104

Other materials upon request
*hard chromed

CORROSION PROTECTION

Body	2 Comp. Epoxy-Polyamide Resin Primer, 2 Comp. Polyurethane-Enamel-Top Coat
Topwork	2 Comp. Epoxy-Polyamide Resin Primer, 2 Comp. Polyurethane-Enamel-Top Coat

ACTUATORS

Handwheel

Bevel gear

Pneumatic cylinder

Hydraulic cylinder

Electric actuator

CONTACT US FOR YOUR TAILOR-MADE SOLUTION.

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