



KNIFE GATE VALVES

VK SERIES



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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.



200 – 1000 mm

Nominal sizes

Stainless steel, Cast iron, Special material

Material

0 – 2.5 bar

Pressure rating

Special flange

Flange drilling

Special length

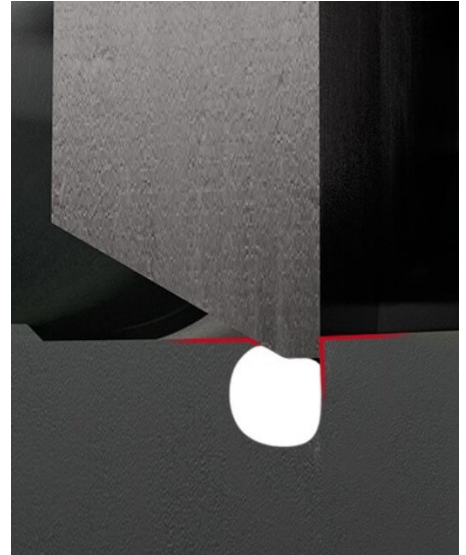
Face to face dimension



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



The gate is mechanically guided over the full stroke. Solids are flushed out through the recesses during closing.



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

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

DOWNLOADS

General documents

Product brochure knife gate valves	PDF	
Instruction manual	PDF	
Maintenance manual	PDF	
Actuators and Accessories	PDF	
Seal arrangement	PDF	
Lubricants	PDF	
Declaration of conformity PED	PDF	
Declaration of conformity Machinery Directive	PDF	
Declaration of incorporation Machinery Directive	PDF	

Data sheets

VK with handwheel	2.11.1001 PDF	
VK with pneumatic cylinder	2.11.3001 PDF	
VK with electric actuator	2.11.4002 PDF	

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