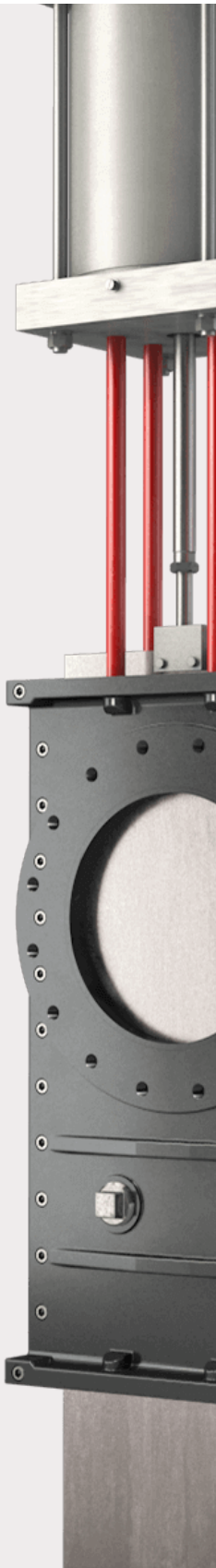




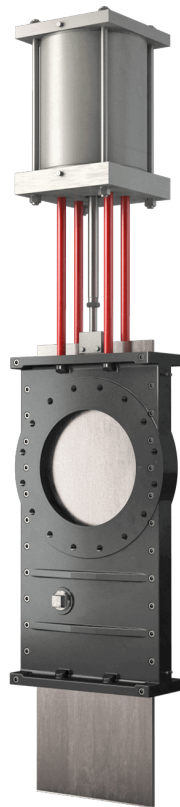
# KNIFE GATE VALVES

## SG SERIES



# SG SERIES

With its special O-Port design, the SG model is suitable for the most difficult applications involving solids. Due to its unique design, it can easily cut through a medium column holding solids. The integrated transverse seal sets the SG model apart from conventional O-Port gate valves, guaranteeing maximum tightness and performance. .



## CHARACTERISTICS SG SERIES

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**50 – 650 mm**

Nominal sizes

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**Cast steel, Special material**

Material

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**0 – 10 bar**

Pressure rating

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**ANSI Class 150**

Flange drilling

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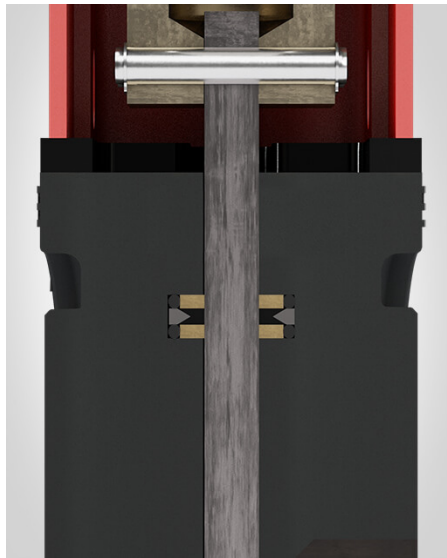
**MSS-SP81**

Face to face dimension

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The through gate design allows valve to be closed through stagnant media columns or if there are long-fiber media.



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



The gate is mechanically guided over the full stroke.

## APPLICATION AREAS

### Biogas plants

e.g. Wood chips ...

## MATERIAL OF CONSTRUCTION

Part	Cast steel
Body	Cast Ni-Resist
Gate	440 Stainless steel
Seal	410 / Aflas
Topwork	Carbon steel
Stem / Piston rod	430F

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Other materials upon request

## CORROSION PROTECTION

Body	EKB powder coating
Topwork	EKB powder coating
Screws	Stainless steel

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## ACTUATORS



**Handwheel**

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**Bevel gear**

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**Pneumatic cylinder**

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**Hydraulic cylinder**

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**Electric actuator**

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## DOWNLOADS

### General documents




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Product brochure knife gate valves	PDF	<a href="#"></a>
Instruction manual	PDF	<a href="#"></a>
Seal arrangement	PDF	<a href="#"></a>
Lubricants	PDF	<a href="#"></a>

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### Data sheets


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SG with handwheel	PDF	<a href="#"></a>
SG with bevel gear	PDF	<a href="#"></a>
SG with pneumatic cylinder	PDF	<a href="#"></a>

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