



# HSI SERIES

The HSI knife gate valve was specially developed for use in pipelines at risk of dust explosions, to prevent explosions from spreading beyond the valve installation point. With a closing time of 23 milliseconds, it makes a significant contribution to protecting human life at work, as well as systems with explosive gas and dust mixtures.



## CHARACTERISTICS HSI SERIES

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**65 – 400 mm**

Nominal sizes

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**Stainless steel**

Material

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**0 – 16 bar**

Pressure rating

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**PN16, ANSI Class 150, DIN 11864-2**

Flange drilling

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**Special length**

Face to face dimension

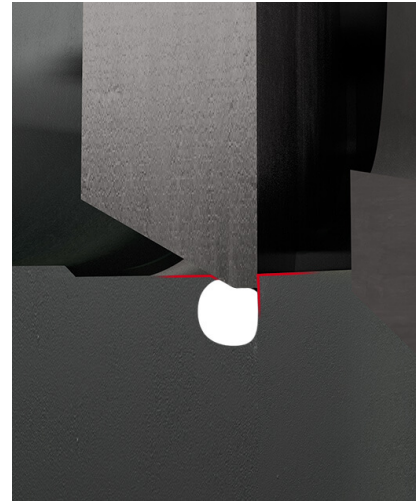
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Closes within milliseconds to protect human life and systems in the event of explosions.



The booster gives fast closing times, even at lower system air pressure.



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

## APPLICATION AREAS

### **Chemical and petrochemical industries**

e.g. Powder ...

### **Food and beverage**

e.g. Powder/flour dust ...

## MATERIAL OF CONSTRUCTION

Part	Stainless steel	Hygiene
Body	1.4408	1.4408
Gate	Ti 3.7165	Ti 3.7165
Seal	PTFE	PTFE/Silikon, FDA
Stem / Piston rod	Aluminium	Aluminium

Other materials upon request

## ACTUATORS



**Pneumatic cylinder**

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