

# Hydraulic Square Knife Gate Valve for Industrial Pipelines

This hydraulic square knife gate valve is a unidirectional knife edge gate valve used on industrial pipelines for on-off operation. The fabricated square or rectangular port makes it suitable for low pressure and fluids with high solid content, typically in bulk handling and silo outlet applications.



## Overview

### Industrial Hydraulic Square Knife Gate Valve

This hydraulic square knife gate valve is engineered for demanding industrial applications involving powder, grain, and small particle materials. Featuring a robust square body and gate design, it provides precise flow control and reliable shut-off capabilities. With a rising stem tight model and hydraulic actuation, it is built for durability and efficient performance in metallurgical, mining, chemical, and food processing industries.

## Technical Specifications

### Operating Temperature

**0 °C**

Min Temp

**120 °C**

Max Temp

Size Range	DN200xDN200 - DN1200xDN1200
Pressure Range	Class 150, PN6, PN10
Connection Type	Square flange

## Materials & Construction

### Body Materials

- Carbon steel
- Stainless steel

### Disc Materials

- Stainless steel
- Carbon steel

### Sealing Materials

- Rubber
- Metal seal

## Operations

Operating Mode	Hydraulic
Stem Type	Rising stem

## Applications

### Suitable Industries

Metallurgical • Mining • Building Materials • Food Processing • Chemical