

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