BULK
MATERIALS
HANDLING

Knife Gate Valve

RULA Knife Gate Valves are designed to provide positive shut-off of bulk material handling operations. These valves were engineered for Silo discharges, Conveying Systems, Hopper discharge / isolation and other Maintenance shut-off / isolation applications.

Types Manufactured

RULA manufactures several different types of Knife Gate Valves:

- Manual / hand operated Knife Gate Valve
- Pneumatically actuated Knife Gate Valves
- Motor actuated Knife Gate Valves
- Round, square and rectangular valves
- The square and rectangular valves can be designed to include an aeration pad

Design Features

- Most parts and components are precision laser cut
- Manual valves have an ACME thread on the spindle allowing smooth and speedy opening and closing of the valve with low torque requirements
- Each valve features a unique secondary seal with a Pressure piece to ensure a constant positive pressure on the blade
- The primary seal arrangement is made up of wear resistant woven fabric, clamping plates which provides a dust proof seal

Specifications

Bodies	300 WA or Stainless Steel
Blade	Stainless Steel

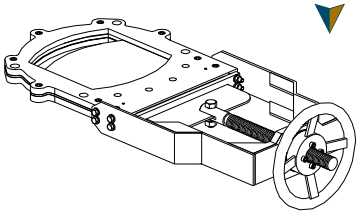
Sizes

- Valves are purpose made in any size and shape to fit plant requirements
- Drilling arrangement to suit plant interface

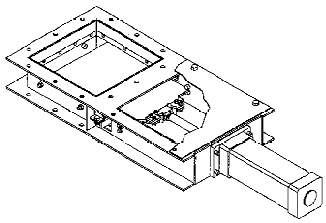
Operating & Maintenance

- The valves are Operator and Maintenance friendly
- A complete Operating & Maintenance manual is available

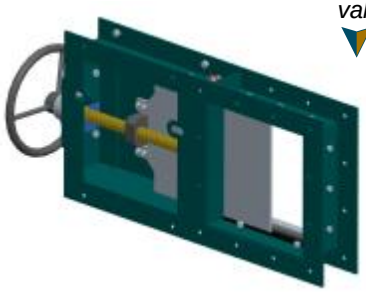
Round Knife Gate Valve used as a Ash Silo isolation valve



Pneumatically Operated square Knife Gate Valve used as a Silo shut-off valve



Hand Operated square Knife Gate Valve used as a Hopper isolation valve



RULA Knife Gate Valves
Ready for delivery
Size 1000 x 400

Silo Discharge Arrangement - Manual Knife Gate valve with Pneumatic Knife Gate Valve combination in an Aeroslide system

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