



## KNIFE GATE VALVE

**MODEL : DQ (Wafer), DC (Lugged Type)  
: DCT (Through Conduit Type)**

LINUO Knife Gate valve is constituted by a gate which slides in a narrow body. Valves are available as manual with handwheel or can be automated with pneumatic cylinder actuator for remote operation. The arc shape of the gate of our knife gate valve is designed to be particularly suitable for cutting off fluid containing fiber or suspended particles, so the knife gate valves are ideal for many applications in the process industries of Pulp & Paper, Wastewater Treatment, Mining, Sugar Making, and Chemical Processing.

Features	: Double Stem Bearings Internal Packing Travel Aligning Block Replaceable Seats Gate is Hard Chrome Plate
Size Range	: DN 50 to DN 900
Body Material	: Cast Steel, Stainless Steel
Face to Face	: According to MSS SP-81
Gate	: Stainless Steel
Seat Joint	: Metal, Nitrile, EPDM, Viton, PTFE
Working Pressure	: 10 Bar maximum
Temperature	: Up to 180°C
Connection	: Wafer type suitable for PN10, ANSI B16.5 Flange Standards
Actuation	: Rising Stem, Non-Rising Stem, Bevel Gear, Electric or Pneumatic Actuator
Type	: Bi-directional Uni-directional

## SEGMENTED BALL VALVE

LINUO Segmented ball valve is quarter turn control valve mainly recommended for throttle services. Segmented ball valve combines globe valve control with efficiency of a rotary valve. Segmented ball has a V-notch design with strong cutting forces and is self-cleaning. Especially suitable for control of fluids containing fiber and tiny solids. Segmented ball valve was from pulp & paper industry, by research and development, segmented ball valve was extended to other industries such as petrochemical, chemical fiber, palm oil industry, utility services, environmental protection and etc.

Size Range	: DN 25 to DN 250 Wafer type or DN 25 to 500 Flanged End Connection
End Connection	: Wafer DN25 through DN250
Nominal Pressure Rating	: 1.0, 1.6, 2.5, 4.0, 6.4 (MPa), ANSI 150,300
Working Temperature	: -20 to 160°C Optional -20 to 230°C, -20°C to 425°C
Pressure Test	: Each segmented ball valve undergoes hydraulic test with 1.5 X pressure rating as shell test, and seat tightness test according the ANSI/FCI 70.2
Leakage Soft Seat	: ANSI/FCI Class VI
Leakage Metal Seat	: Maximum allowable leakage equal to 1%



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