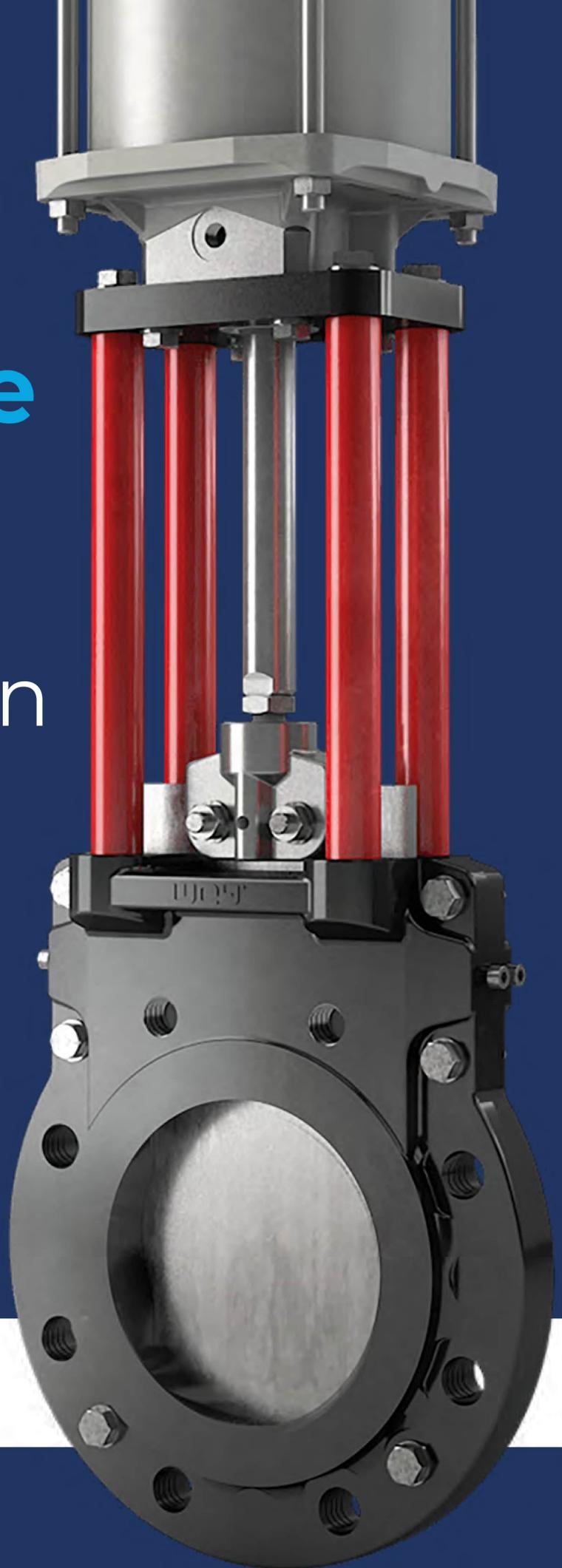


wey®

Knife Gate Valves

Product
Presentation



LINDER

LINDER — Your Trusted Partner for Advanced Industrial Solutions

As the official representative of leading international manufacturers, LINDER delivers high-performance industrial equipment, critical components, and end-to-end engineering solutions for the Turkish market and global clients. We support key industries — including Renewable Energy, Mining, Oil & Gas, Water Treatment, and Food & Beverage — by providing integrated technologies that ensure safe, stable, and highly efficient operations.



Your Single Source for Complete Industrial Solutions

We do more than supply equipment — we become your strategic engineering partner. Our capabilities cover the full project lifecycle: professional equipment selection, custom engineering, procurement, installation supervision, commissioning, and long-term service support. This integrated approach ensures seamless project execution, reduced operational costs, and uninterrupted production.

Engineered to Perform. Built to Last.

Our strength lies in our experienced team of engineers, project managers, and logistics specialists. Fluent in seven languages and certified to international standards, we design tailored solutions — even based on your drawings — to meet unique operational challenges. LINDER's expertise is proven through successful projects across Turkey, America, Europe, and Africa.

Key Advantages for Our Clients

■ Expert Selection & Engineering

Professional consultancy and optimized equipment selection, with both standard and custom-engineered options.

■ Direct Supply & Transparent Pricing

We work directly with global manufacturers — ensuring certified products, fast delivery, and competitive value without hidden mark-ups.

■ Comprehensive Technical Support

From concept to commissioning, including installation supervision and operator training.

■ Local Service & Guaranteed Spare Parts

Our dedicated service network minimizes downtime and protects your long-term investment.

■ Cross-Industry Experience

Proven solutions tailored for the operational demands of multiple industries.

Global Expertise. Local Reliability.

Choose LINDER for engineering excellence that goes beyond borders. We take full professional responsibility for every project — regardless of scale — delivering reliability, precision, and timeliness. Partner with us to build a foundation for long-term operational success.

Start working with LINDER today.

Our Definition of Performance

Isolation valves are our area of expertise. Our engineering experience, in-house production facilities, and extensive know-how across a wide range of applications make us a reliable partner for customers worldwide. Even under the most demanding conditions, Wey valves remain fully functional and provide “bubble-tight” shutoff throughout their long service life. We define performance as the highest level of quality — proven over time.

The Original Since 1956

Wey knife gate valves are equipped with the Original Wey Design, a unique sealing system continuously refined since 1956. This design provides reliable performance under differential pressures, abrasive and corrosive media, and extreme temperatures — consistently and over the long term.

Replacing the Transverse Seal

The transverse seal can be repacked at any time, even under line pressure, using the lateral packing screws.

Transverse Seal

A unique transverse seal, consisting of a profile and sealing compound, ensures that the valve body is sealed against the atmosphere. Pressure-supported scrapers clean the gate, protect the seal profile, and extend service life.

Metal Seat Support

The gate is additionally supported by metal in the closed position.

Round Cord Seal

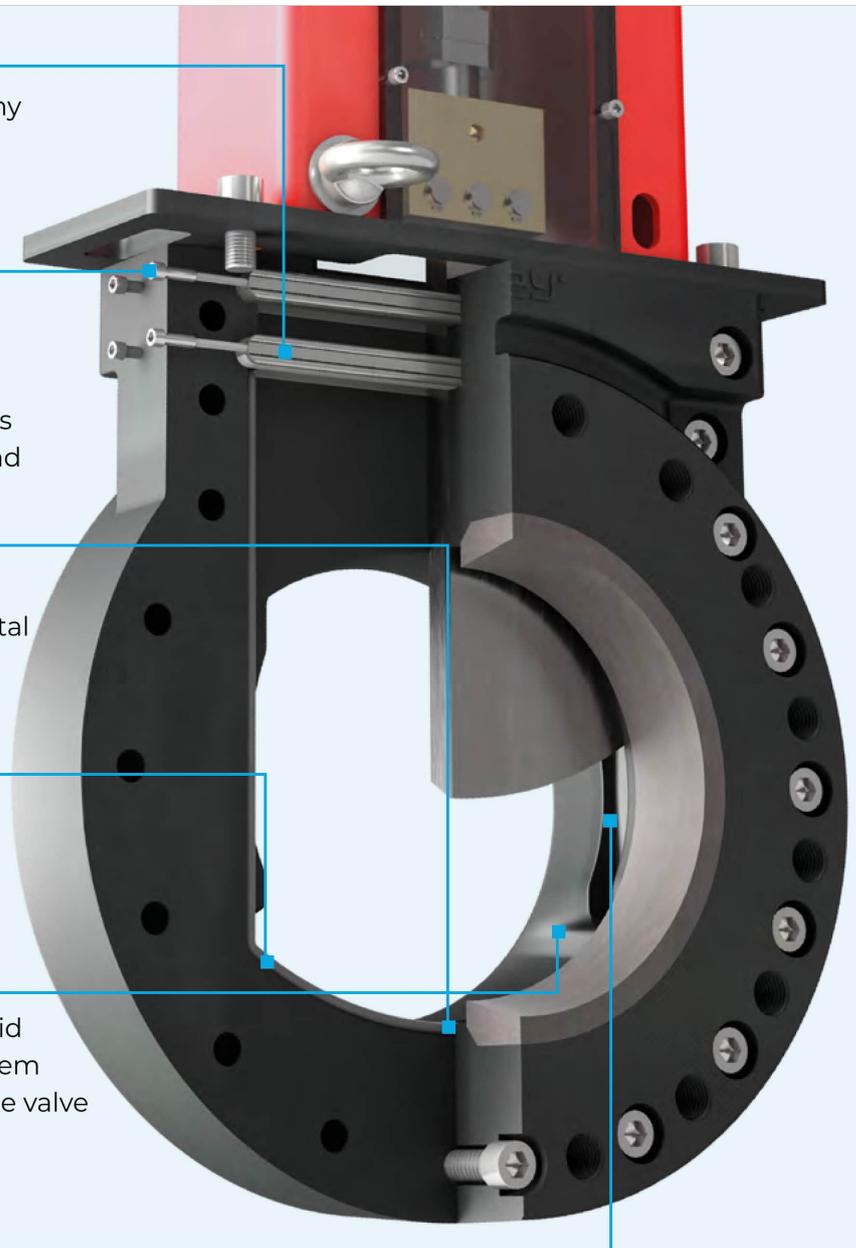
A mechanically retained round cord seal guarantees zero leakage along the gate edge.

Self-Cleaning

The optimized gate geometry pushes solid particles out of the guides and flushes them through dedicated cleaning corners in the valve body.

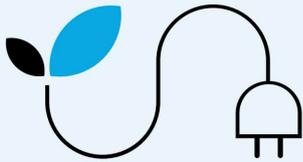
Gate Guides

The gate is guided precisely along the full stroke length.



Industries

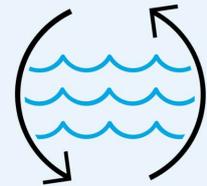
We meet the highest standards —
wherever you use our valves.



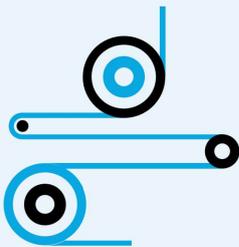
Renewable Energy



Mining



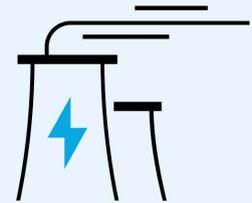
Water Treatment



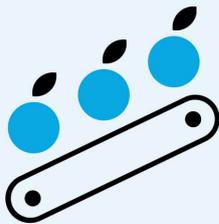
Pulp & Paper
Industry



Infrastructure
Applications



Power
Generation



Food & Beverage
Industry



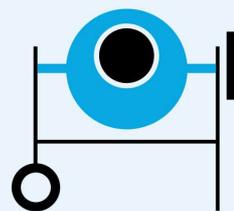
Oil & Gas
Production



Chemical & Petrochemical
Industry



Flood
Protection



Cement
Industry

Product Range

Semi-Lug Knife Gate Valves

VN
SERIES



VS
SERIES



VG
SERIES



Middle Flange Knife Gate Valves

MF
SERIES



MG
SERIES



MH
SERIES



Full Flange Knife Gate Valves

W0
SERIES



W1
SERIES



W2
SERIES



W3
SERIES



HD
SERIES



Full Lug Knife Gate Valves

VL
SERIES



VM
SERIES



Special Knife Gate Valves

VK
SERIES



DB
SERIES



DP
SERIES



SG
SERIES



HSI
SERIES



TI3
SERIES



Designs

Stainless steel, Cast iron, Ductile iron, Cast steel, Special materials

Body Materials

Semi-lug, Lug type, Double flange, Full flange

Body style

10 mbar abs. — 100 bar

Pressure rating

EN1092 PN6/10/16/25/40/63/100

ANSI Class 150/300/600

DN 50 — DN 2000

Nominal Sizes

BS10-D/E, AS2129-D/E, special drilling options

Flange Drilling Standards

Knife gate valves and O-Port gate valves

Designs

EN 558 Series 16 / 20

MSS-SP81

MSS-SP135 Class 150/300 (short/long)

Face-to-face Dimension

Actuators Options



Handwheel



Manual lever



Bevel gear



Pneumatic



Hydraulic



Electrical

Semi Lug Knife Gate Valves

VN series

Designed to meet typical market needs with an economical semi-lug configuration.

Offers easy maintenance, high functional safety, and 100% bidirectional “bubble-tight” shutoff across the entire pressure range.

Provides an excellent cost-benefit ratio for many applications.

50 — 1400 mm

Nominal sizes

Stainless steel, Cast iron, Special material

Material

0 — 10 bar

Pressure rating

PN10, BS10-D, BS10-E, AS2129-D, AS2129-E

Flange drilling

EN 558 series 20

Face-to-face dimension



Semi Lug Knife Gate Valves

VS series

Lightweight stainless steel construction ensures cost efficiency without compromising durability.

Like all Wey valves, it can be repacked at any time and guarantees zero leakage during operation.

50 — 900 mm

Nominal sizes

Stainless steel, Special material

Material

0 — 10 bar

Pressure rating

ANSI Class 150

Flange drilling

MSS-SP81

Face-to-face dimension



Semi Lug Knife Gate Valves

VG series

Developed specifically for agricultural biogas systems where standard DIN gate valves are incompatible.

Available only in cast iron and in DN 150–200.

150 — 200 mm

Nominal sizes

Cast iron

Material

0 — 4 bar

Pressure rating

Special flange

Flange drilling

EN 558 series 20

Face-to-face dimension



Middle Flange Knife Gate Valves

MF series

A versatile knife gate valve with a central flange design and modular construction.

Compatible with various materials, actuators, and accessories across a wide nominal size range.

50 — 2000 mm

Nominal sizes

Cast iron, Ductile iron

Material

0 — 10 bar

Pressure rating

PN6, PN10, PN16, ANSI Class 150, BS10-D, BS10-E, AS2129-D, AS2129-E

Flange drilling

EN 558 series 20

Face-to-face dimension



Middle Flange Knife Gate Valves

MG series

Maintains EN 558 / ISO 5752 Series 20 face-to-face dimensions while enabling pressures up to 16 bar. Retains the proven design advantages that distinguish Wey valves from competitors.

50 — 600 mm

Nominal sizes

Stainless steel, Ductile iron, Special material

Material

0 — 16 bar

Pressure rating

PN10, PN16, ANSI Class 150, BS10-D, BS10-E, AS2129-D, AS2129-E

Flange drilling

EN 558 series 20

Face-to-face dimension



Middle Flange Knife Gate Valves

MH series

Developed for extremely high-pressure applications. The Original Wey Design ensures 100% “bubble-tight” seat sealing, independent of pressure, medium, or on/off cycles.

100 — 400 mm

Nominal sizes

Stainless steel, Ductile iron, Special material

Material

0 — 25 bar

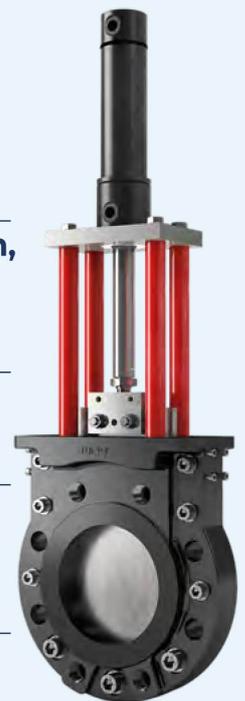
Pressure rating

PN25, ANSI Class 150, ANSI Class 300

Flange drilling

EN 558 series 16

Face-to-face dimension



Full Flange Knife Gate Valves

W series

Engineered for severe service and heavy-duty applications. Offers outstanding flexibility in materials, nominal sizes, and pressure classes — outperforming alternative solutions under any condition.

50 — 1200 mm

Nominal sizes

Stainless steel, Carbon steel, Cast tin-bronze, Cast aluminum bronze

Material

0 — 50 bar

Pressure rating

ANSI Class 150, ANSI Class 300

Flange drilling

MSS-SP135 Class 150 short, MSS-SP135 Class 150 long, MSS-SP135 Class 300 short, MSS-SP135 Class 300 long

Face-to-face dimension



Full Flange Knife Gate Valves

HD series

An advanced knife gate valve design for pressures up to 100 bar. Medium pressure creates a natural sealing effect within the seat area. Its bonnet design flushes solids outward, ensuring complete tightness.

80 — 400 mm

Nominal sizes

Stainless steel, Cast steel

Material

0 — 100 bar

Pressure rating

PN40, PN63, PN100

Flange drilling

Special length

Face-to-face dimension



Full Lug Knife Gate Valves

VL series

Optimized lug design combines cost efficiency and maximum performance.

Standard stainless-steel construction makes it ideal for corrosive applications.

Ensures 100% bidirectional “bubble-tight” shutoff.

50 — 900 mm

Nominal sizes

**Stainless steel,
Special material**

Material

0 — 10 bar

Pressure rating

ANSI Class 150

Flange drilling

MSS-SP81

Face-to-face dimension



Full Lug Knife Gate Valves

VM series

Manufactured to high quality standards with a robust body design and integrated Wey sealing system.

Guarantees top-level performance and zero leakage in demanding applications.

50 — 650 mm

Nominal sizes

Ductile iron

Material

0 — 10 bar

Pressure rating

ANSI Class 150

Flange drilling

MSS-SP81

Face-to-face dimension



Special Knife Gate Valves

VK series

Square-body design extends the applicability of round Wey knife gate valves to rectangular and square flange interfaces, ensuring absolute tightness.

200 — 1000 mm

Nominal sizes

Stainless steel, Cast iron, Special material

Material

0 — 2.5 bar

Pressure rating

Special flange

Flange drilling

Special length

Face-to-face dimension



Special Knife Gate Valves

DB series

A “double block and bleed” valve with two independent seat areas inside a single body.

Provides sealing against pressure from both sides and features purge ports for flushing.

Eliminates the need for complex multi-valve systems.

80 — 750 mm

Nominal sizes

Stainless steel, Special material

Material

0 — 10 bar

Pressure rating

ANSI Class 150

Flange drilling

Special length

Face-to-face dimension



Special Knife Gate Valves

DP series

Special O-Port design enables reliable operation with solids-laden media.

Integrated transverse seal delivers maximum performance and zero leakage.

50 — 400 mm

Nominal sizes

**Stainless steel,
Cast iron, Ductile iron,
Cast steel, Special material**
Material

0 — 25 bar

Pressure rating

**PN10, PN16, PN25,
ANSI Class 150**

Flange drilling

**EN 558 series 20,
Special length**

Face-to-face dimension



Special Knife Gate Valves

SG series

Similar to DP, the SG model easily cuts through media containing solids and offers highly reliable shutoff.

Equipped with an integrated transverse seal for enhanced tightness.

50 — 650 mm

Nominal sizes

Cast steel, Special material
Material

0 — 10 bar

Pressure rating

ANSI Class 150

Flange drilling

MSS-SP81

Face-to-face dimension



Special Knife Gate Valves

HSI series

Developed for pipelines at risk of dust explosions. With a closing time of 23 ms, it provides essential protection for personnel and facilities.

65 — 400 mm

Nominal sizes

Stainless steel

Material

0 — 16 bar

Pressure rating

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

Flange drilling

Special length

Face-to-face dimension



Special Knife Gate Valves

T13 series

A unique solution specifically designed for isolating differential pressure level transmitters. Uses a standard 1/2" socket drive.

80 mm

Nominal sizes

Stainless steel

Material

0 — 10 bar

Pressure rating

ANSI Class 150

Flange drilling

MSS-SP81

Face-to-face dimension



Custom-made Solutions

Accepting every challenge

We develop tailor-made knife gate valves that precisely meet your application requirements — regardless of how challenging they may be.





**We provide solutions
that work.**

**Contact us to discuss your
individual application.**

LINDER



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 linder.com.tr

As Linder, we provide customized solutions to
deliver the performance, durability, and reliability
your processes require.

With WEY's Original Design technology,
we are ready for every challenge.
