



VAG MONO Knife Gate Valve
Minimum Operating Forces
Optimum Operational Safety
Maximum Customer Satisfaction

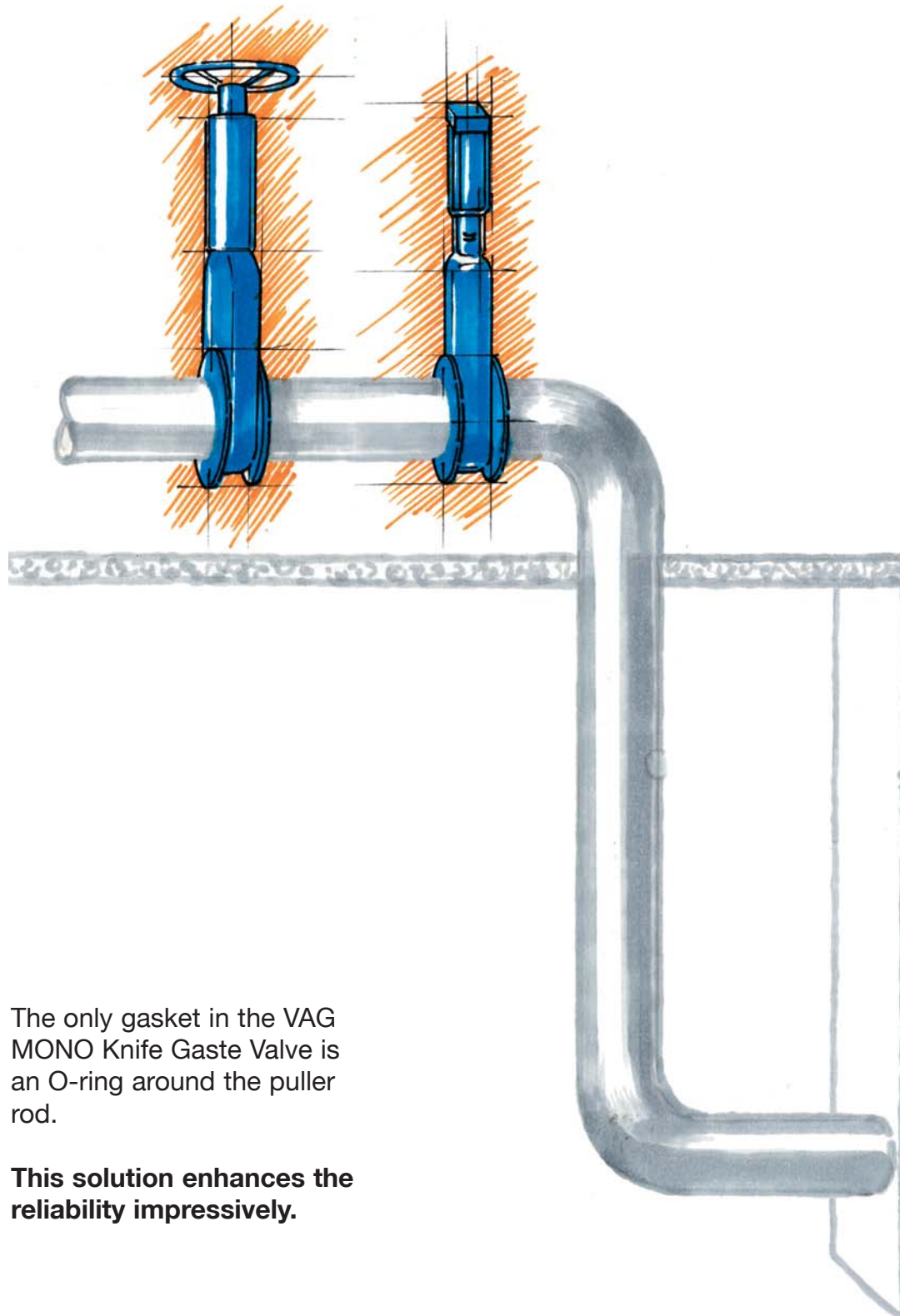


VAG MONO Knife Gate Valve

Minimum Operating Forces

The lifting movement of the VAG MONO Knife Gate Valve is realised by only one central puller rod that is designed to be sealed easily. In comparison to similar products, the central puller rod prevents from tilting torques onto the door.

This is where the easy handling comes from..



Optimum Operational Safty

The technical innovation of the new VAG MONO Knife Gate Valve lies in the single unit and thus compact mono block housing. Compared to conventional design, the gate is completely enclosed when in operation. Therefore, there is no need of any lateral or all-round seal for the gate. Even at maximum operating pressure, the gate moves nearly frictionless in its mono block housing. Similar products on the market have doors sealed by all-round gaskets that are difficult to realise and, due to these difficulties, often come to failure.

The only gasket in the VAG MONO Knife Gate Valve is an O-ring around the puller rod.

This solution enhances the reliability impressively.

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Maximum Customer Satisfaction

As automation in installations is more and more improved, important savings can be realised:

- Smaller drives - less energy consumption
- Longer intervals between maintenance sessions - optimum operational safety

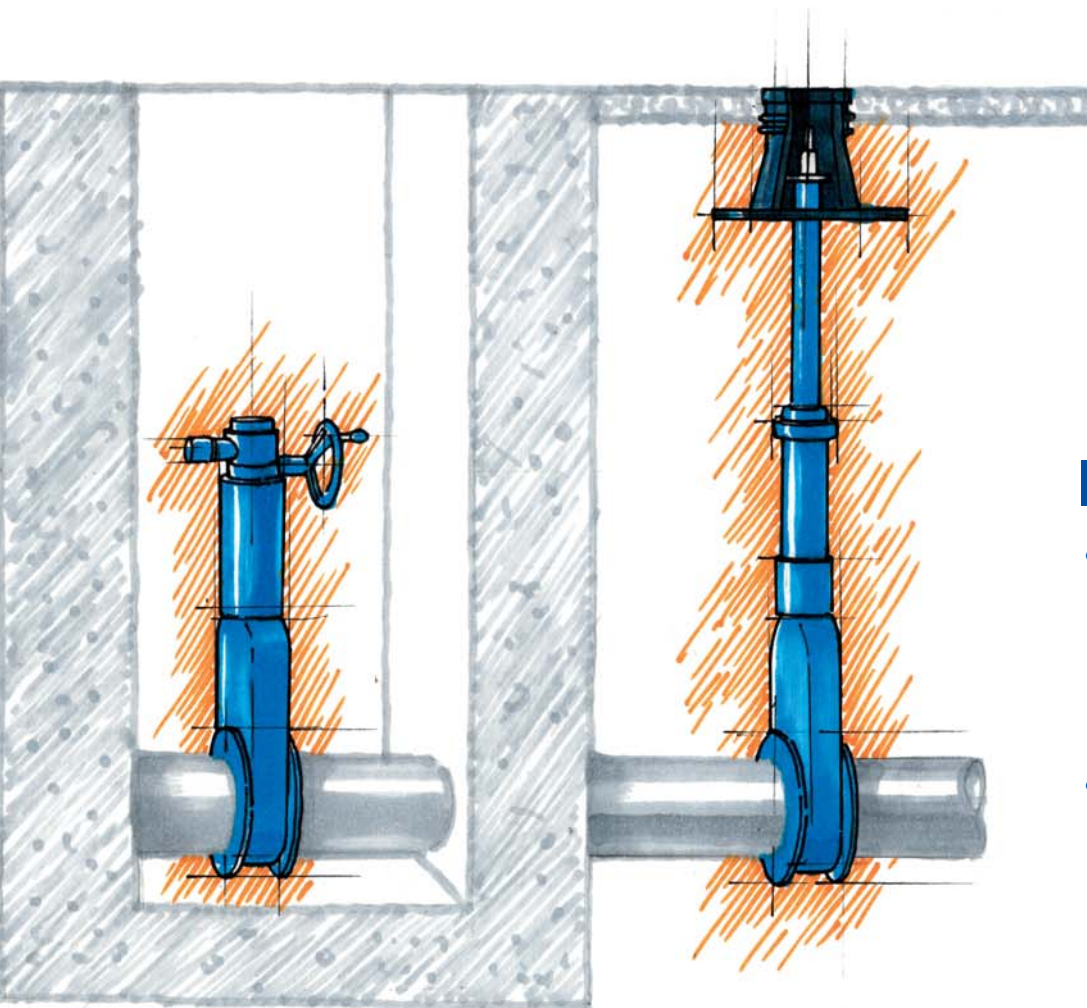
High differential pressures - PN10

Many kinds of installation:

- Standpost
- Underground
- Pit construction

Different kinds of flanges possible:

- wafer type connection
- Plug type connection (PE-HD)



ROTAG® Portable Electric Actuator

- The ROTAG Remote Control System allows many kind of installation and application also at installations which were difficult to access.
- Perfect connector between the operator and the valve.

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Technical Data and Materials

Wafer Type

Flange Connection DIN 2501 PN 10

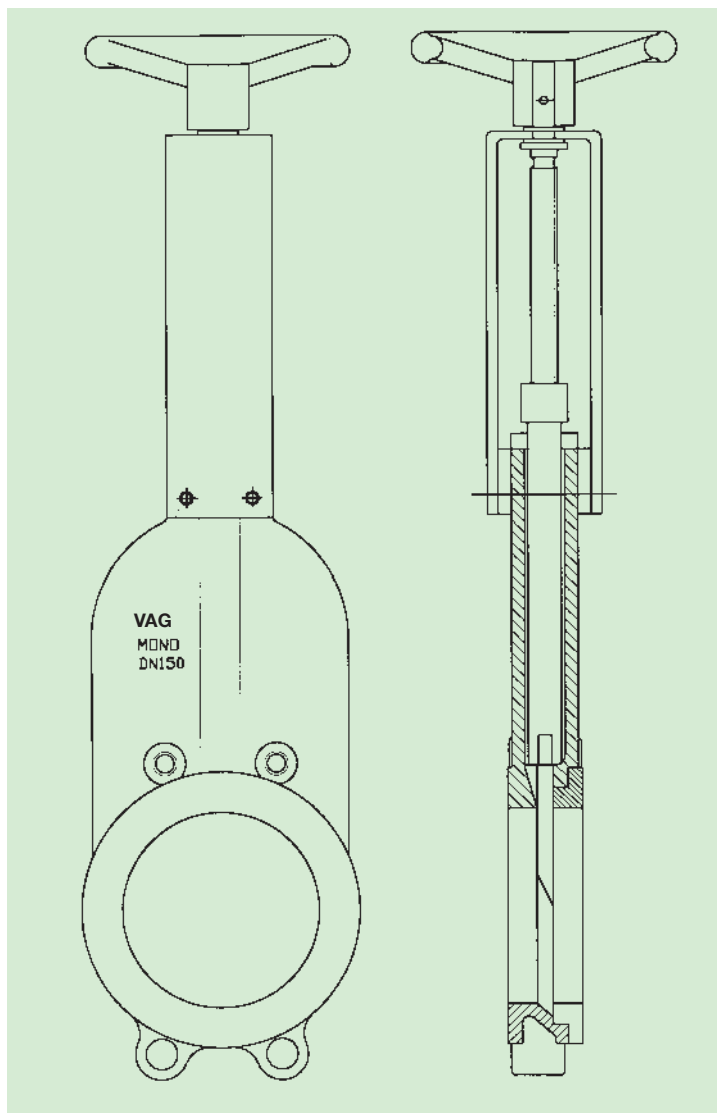
Nominal Size DN 50 – 600

Pressure Ratings DN 50 – 300 PN 10
DN 350 – 450 PN 8
DN 500 – 600 PN 6

Dimensions DN 50 – 125 EN 558-1
Basic series 16 (DIN 3202 / K3)
DN 150 – 600 EN 558-1
Basic series 20 (DIN 3202 / K1)

Standard Materials Body EN-JS 1030 (GGG-40)
Gate 1.4301
Sleeve tube 1.4571
Spindle 1.4021
Gaskets NBR

Surface protection Epoxy Coating



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