



**ABO** valve

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# SERIES 300 SLR SLURRY KNIFE GATE VALVES

## Body design

Wafer / Lug / Flanged

## Nominal size

DN50 – DN1000

## Working pressure

10/16 bar

## Flange connection

PN6/PN10/PN16/Class 150

## Working temperature

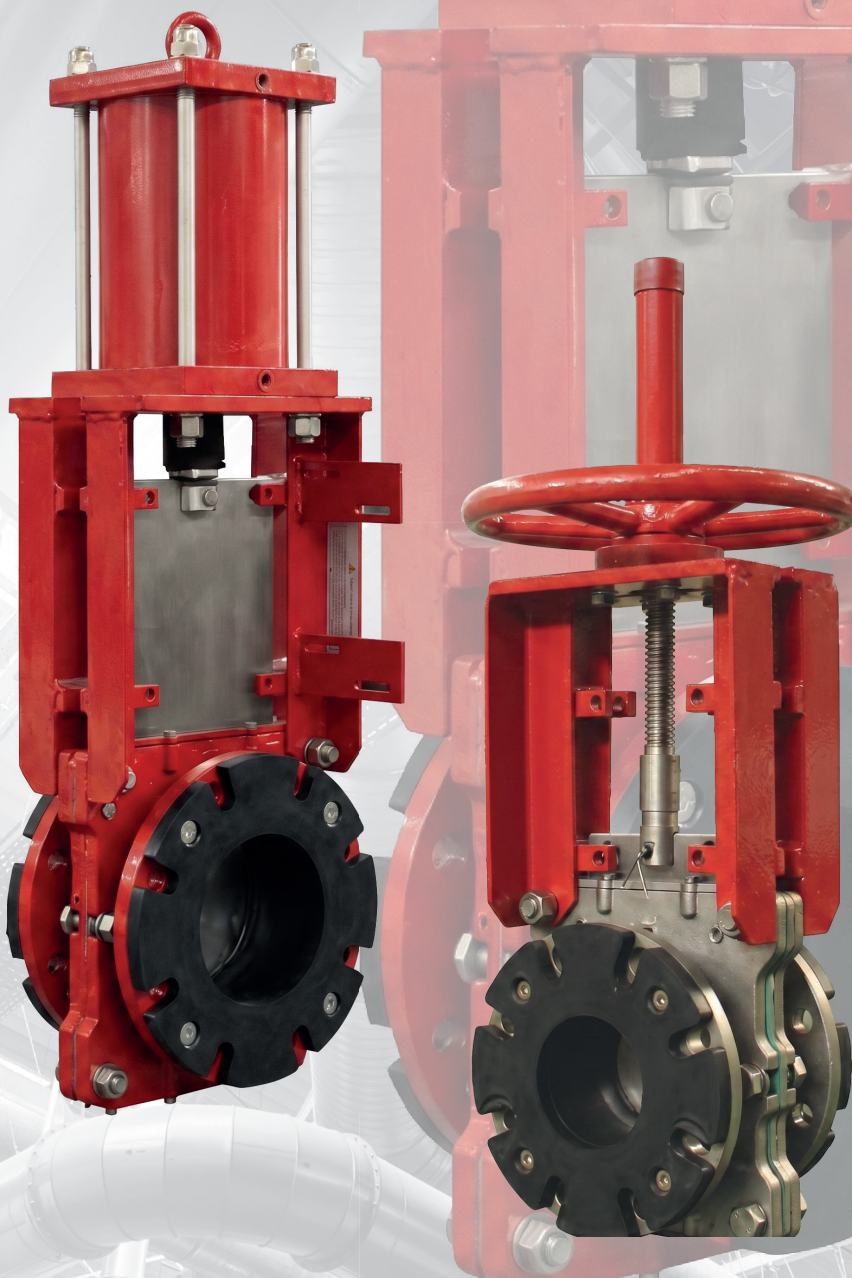
-10 °C/+150 °C

## Working Media

Mining services Sewage  
treatment  
Chemical plants  
Energy sector  
Power Plant  
Slurry Sandling  
Abrasive Media  
Cement Plant

## Features

Bidirectional Seal  
Sleeve protect body  
Cleaning hole design



# SERIES S300 SLR

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## SERIES 300DF SLR FLANGED TYPE SLURRY KNIFE GATE VALVE

### DESCRIPTION

A bi-directional flanged knife gate valve with metal-reinforced rubber sleeves is typically designed for abrasive and corrosive slurry service. Valves are suitable for abrasive and corrosive operating conditions and feature removable metal-reinforced rubber sleeves for extended service life.

### WORKING MEDIUM

Mining and mineral processing (tailings, slurry transport)  
Power generation (coal handling, ash slurry)  
Cement industry (raw meal, kiln dust, slurry applications)  
Wastewater and sewage treatment (grit, sludge, abrasive solids)  
Chemical and petrochemical industries (abrasive or corrosive slurries)  
Steel and metal processing (scale, slag, slurry handling)

### SIZES

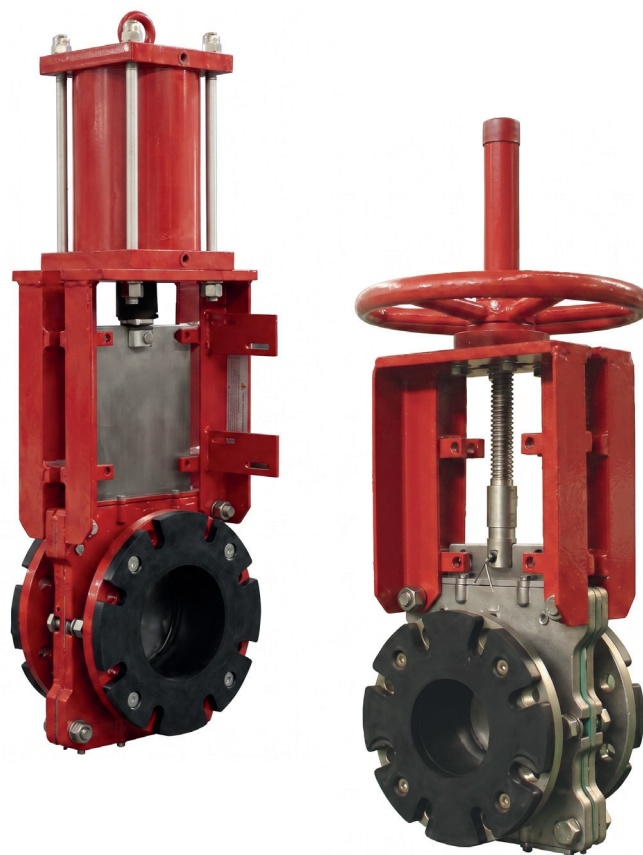
DN50 to DN600

### WORKING PRESSURE AND TEMPERATURE

Pressure: 6-10-16 Bar  
Temperature: From -20 °C / 80 °C

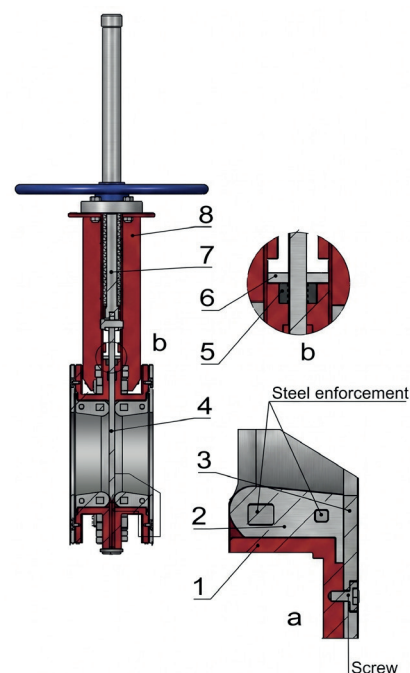
### CONNECTION

EN 1092 PN10 OR PN16  
ASME B16.5 (class 150)  
*Other flange drillings available on request*



#### Standart part list

| Part No | Part Name     | Part Material                                     |
|---------|---------------|---------------------------------------------------|
| 1       | Body          | Ductile iron A536 (60-40-18) / 0.7040 / EN-GJS400 |
| 2       | Sleeve        | Natural rubber / EPDM                             |
| 3       | Seat Retainer | Natural rubber / EPDM                             |
| 4       | Gate          | AISI 304 / AISI 316 / Duplex 2205                 |
| 5       | Packing       | EPDM                                              |
| 6       | Stem          | Stainless Steel                                   |
| 7       | Yoke          | A570 GR.40 / 1.0044 Epoxy coated                  |



## DESIGN ADVANTAGES

### BODY

The valve is designed with a full-flanged, one-piece (monoblock) cast body suitable for installation between flanges. For larger diameters, the body is reinforced with strengthening ribs to enhance structural integrity and mechanical strength. The internal body geometry is engineered to ensure full guidance of the gate throughout the entire stroke, providing smooth and stable operation. Grease nipples are incorporated into the body design, allowing effective lubrication of the gate and guides, thereby reducing friction and improving sliding performance between the sleeves while extending service life. The lower part of the body is designed to allow drainage and can be equipped with a cover or a bottom splash guard if required. During operation, a limited amount of leakage from the bottom of the valve is expected by design. This controlled leakage enables the flushing of solids from the body cavity, preventing accumulation and ensuring unobstructed full-stroke operation of the valve.

### GATE

The gate is manufactured from stainless steel, with both sides polished, and features a rectangular profile with a precision-machined sharp edge. This design minimizes friction and reduces wear on the seats while ensuring a clean and efficient cut through the fluid. Upon request, alternative gate materials can be supplied to accommodate higher operating pressures and more demanding service conditions.

### SLEEVES

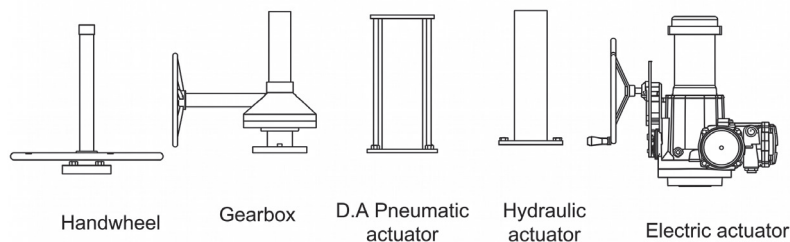
The seat consists of two highly durable sleeves made of natural rubber. The robust sleeve construction allows maximum flexibility during gate movement, minimizing operating effort. In the fully open position, the sleeves remain in continuous contact, ensuring full bore flow. The design eliminates cavities that could cause material accumulation, and the fluid does not contact the valve's metallic components. Additionally, damaged sleeves can be easily replaced, facilitating maintenance and extending service life.

### STEM

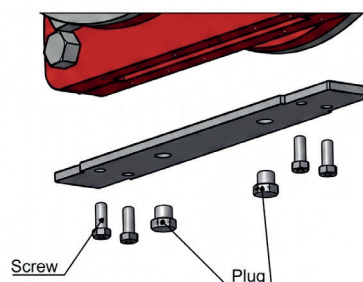
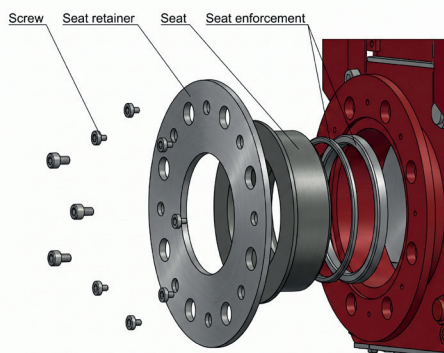
Made of all steel provide, which provides a high resistance to corrosion and a long life for your process.

### OPERATION

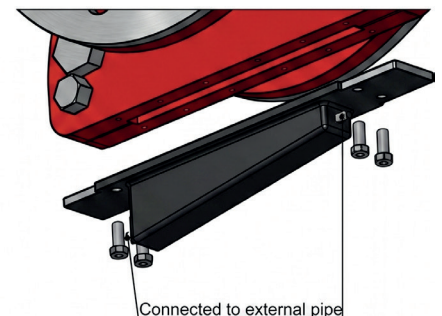
ABO offers actuator like manual, pneumatic, electric and hydraulic actuators.



### Special design advantaged



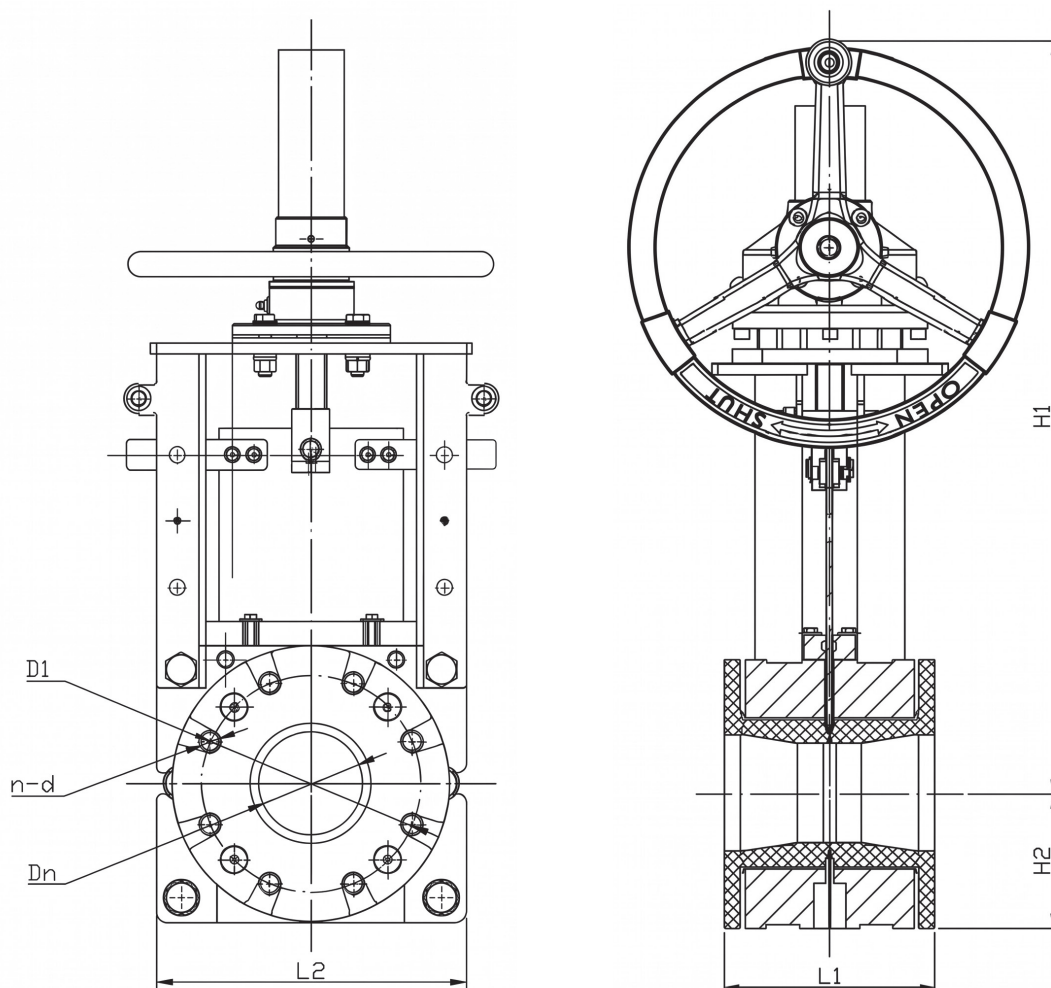
Flat panel with plug



Tabular panel with spill collector

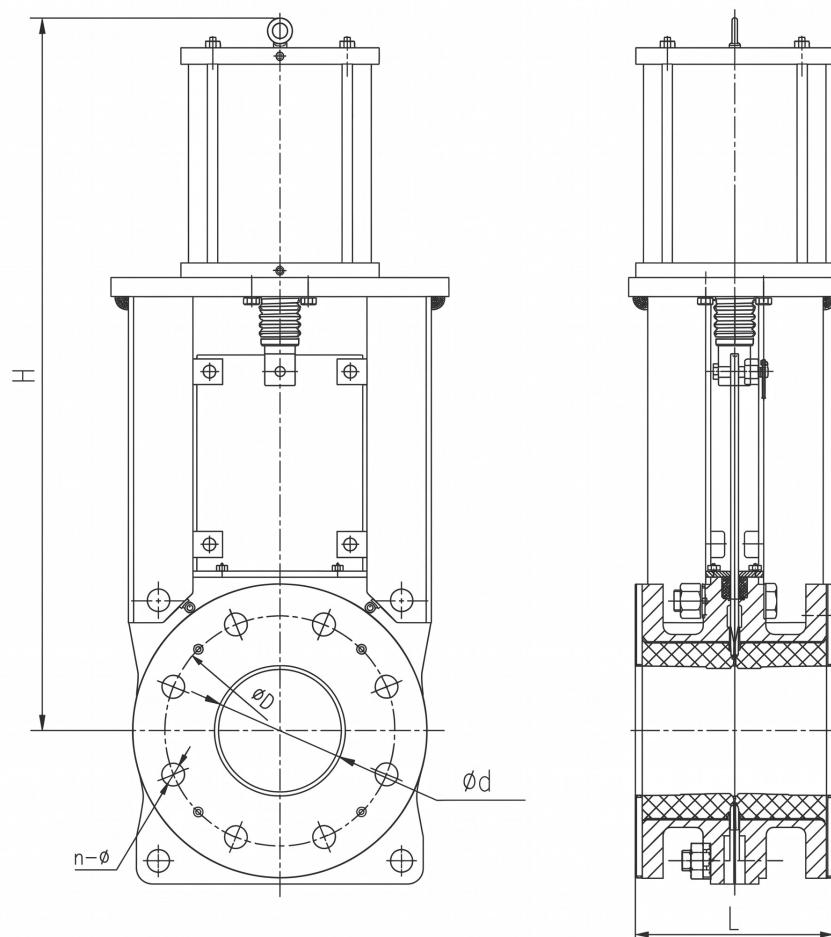


## DIMENSION FOR MANUAL FOR PN10 CONNECTION



| SIZE  | L1  | L2  | H2  | D1  | N*D   |
|-------|-----|-----|-----|-----|-------|
| DN50  | 178 | 160 | 76  | 125 | 4*19  |
| DN65  | 178 | 165 | 90  | 140 | 4*19  |
| DN80  | 178 | 216 | 95  | 160 | 8*19  |
| DN100 | 178 | 254 | 114 | 180 | 8*19  |
| DN150 | 178 | 305 | 140 | 240 | 8*23  |
| DN200 | 178 | 356 | 170 | 295 | 8*23  |
| DN250 | 230 | 406 | 203 | 350 | 12*23 |
| DN300 | 258 | 483 | 241 | 410 | 12*23 |
| DN350 | 258 | 533 | 267 | 470 | 16*28 |
| DN400 | 280 | 597 | 299 | 525 | 16*28 |
| DN500 | 359 | 700 | 349 | 650 | 20*34 |

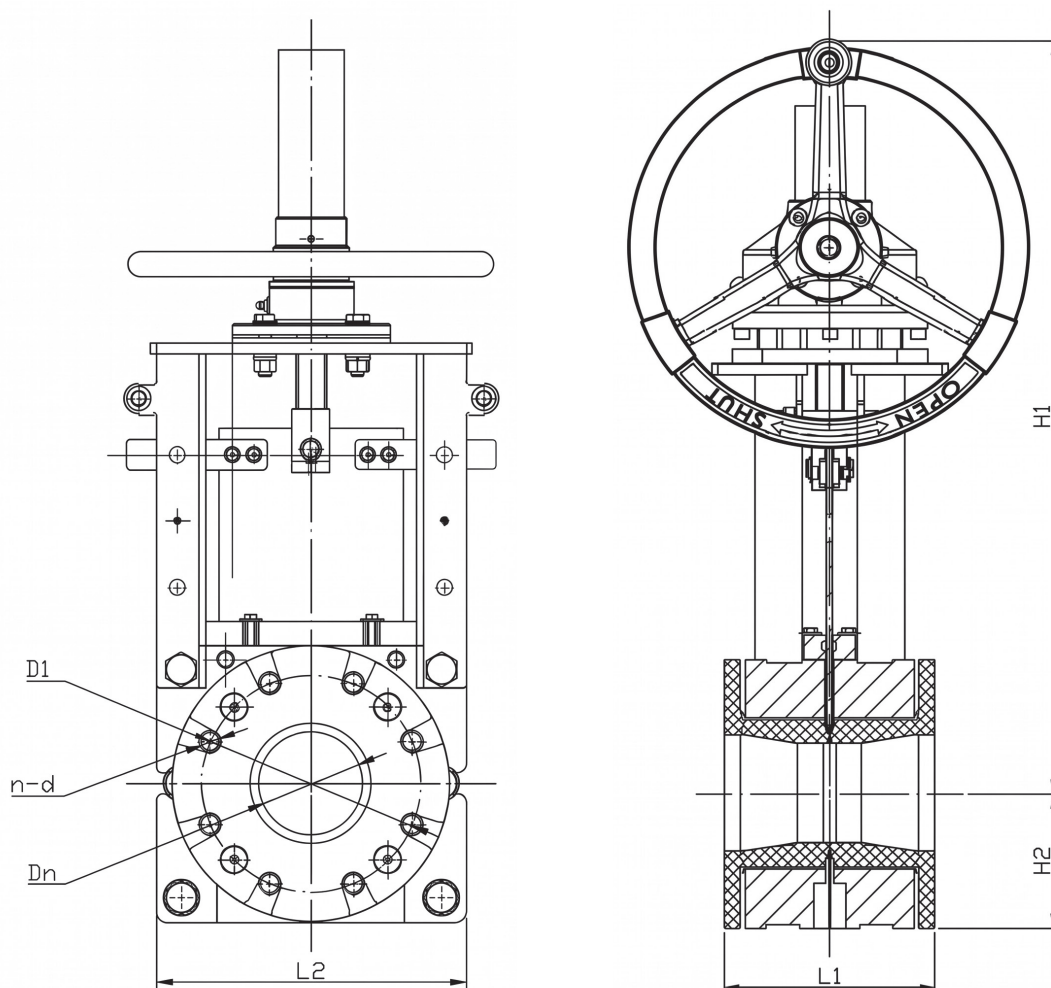
## DIMENSION FOR PNEUMATIC ACTUATOR FOR PN10 CONNECTION



| SIZE  | L1  | L2  | H    | D1  | N*D   |
|-------|-----|-----|------|-----|-------|
| DN50  | 178 | 160 | 455  | 125 | 4*19  |
| DN65  | 178 | 165 | 492  | 140 | 4*19  |
| DN80  | 178 | 216 | 570  | 160 | 8*19  |
| DN100 | 178 | 254 | 661  | 180 | 8*19  |
| DN150 | 178 | 305 | 821  | 240 | 8*23  |
| DN200 | 178 | 356 | 955  | 295 | 8*23  |
| DN250 | 230 | 406 | 1140 | 350 | 12*23 |
| DN300 | 258 | 483 | 1342 | 410 | 12*23 |
| DN350 | 258 | 533 | 1490 | 470 | 16*28 |
| DN400 | 280 | 597 | 1690 | 525 | 16*28 |
| DN500 | 359 | 700 | 1830 | 650 | 20*34 |

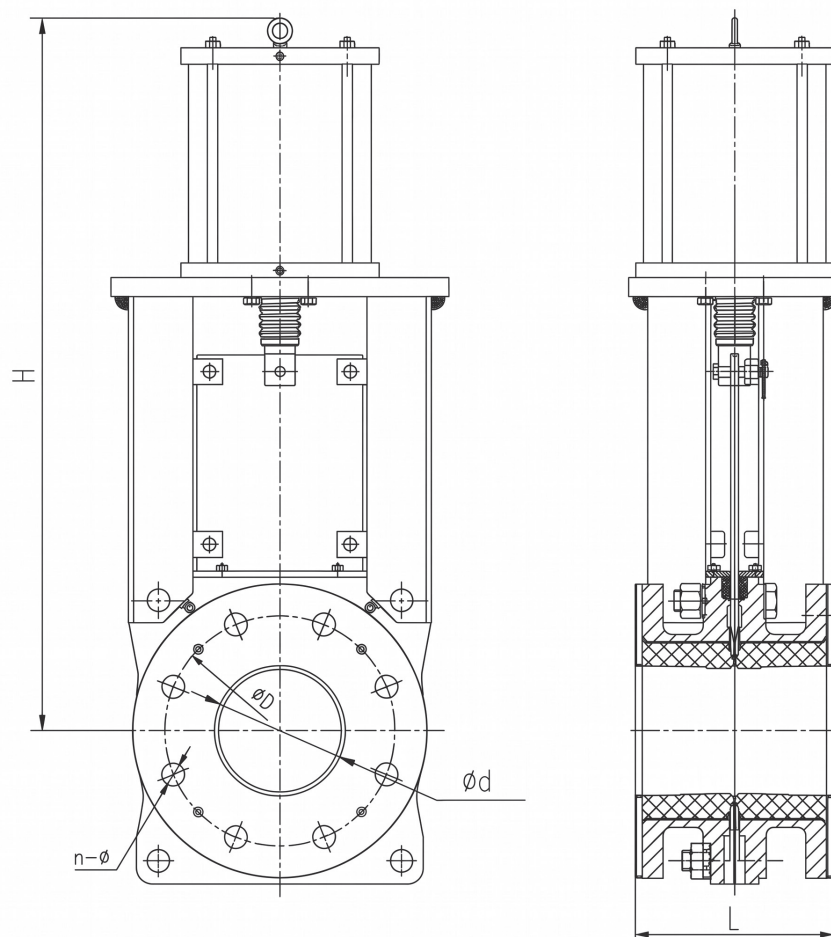


## DIMENSION FOR PNEUMATIC ACTUATOR FOR PN16 CONNECTION



| SIZE  | L1  | L2  | H2  | D1  | N*D   |
|-------|-----|-----|-----|-----|-------|
| DN50  | 178 | 160 | 76  | 125 | 4*19  |
| DN65  | 178 | 165 | 90  | 140 | 4*19  |
| DN80  | 178 | 216 | 95  | 160 | 8*19  |
| DN100 | 178 | 254 | 114 | 180 | 8*19  |
| DN150 | 178 | 305 | 140 | 240 | 8*23  |
| DN200 | 178 | 356 | 170 | 295 | 12*23 |
| DN250 | 230 | 406 | 203 | 350 | 12*28 |
| DN300 | 258 | 483 | 241 | 410 | 12*28 |
| DN350 | 258 | 533 | 267 | 470 | 16*28 |
| DN400 | 280 | 597 | 299 | 525 | 16*31 |
| DN500 | 359 | 700 | 349 | 650 | 20*34 |

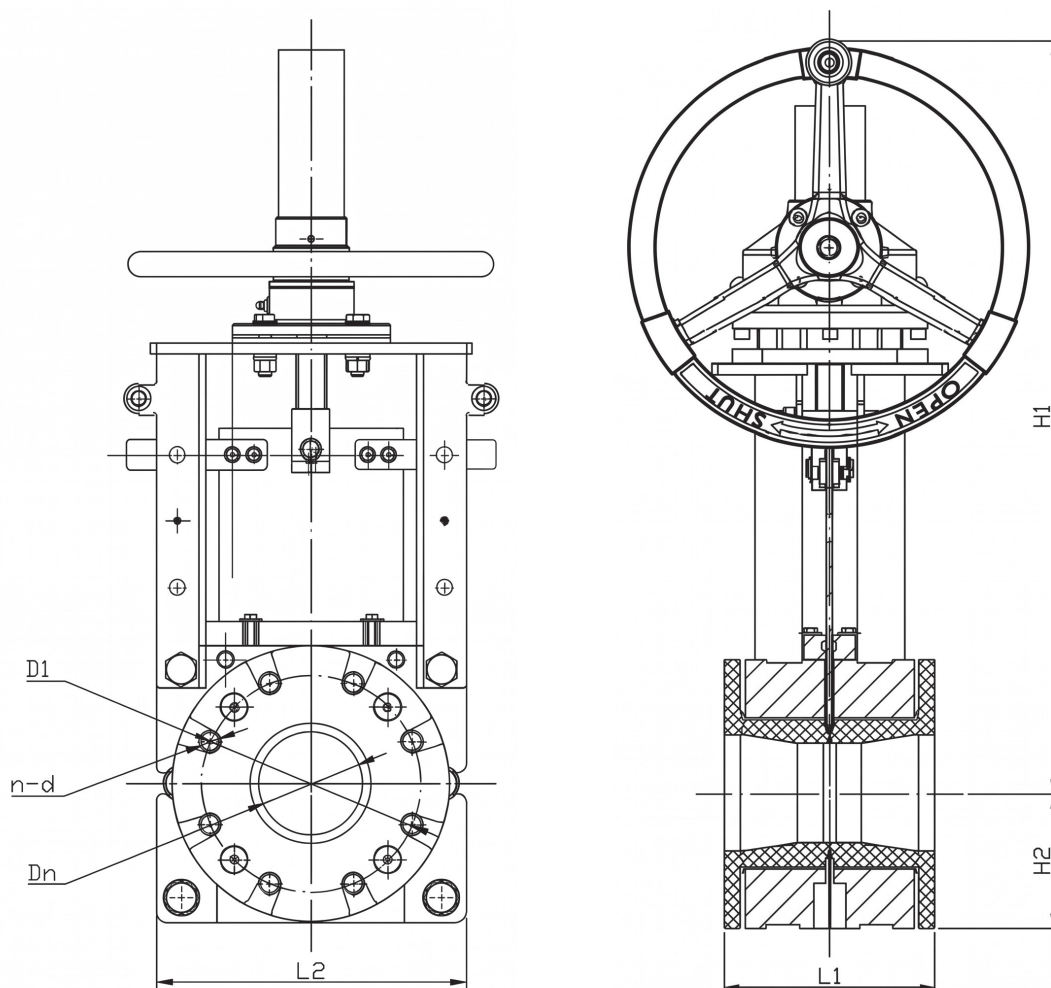
## DIMENSION FOR PNEUMATIC ACTUATOR FOR PN16 CONNECTION



| SIZE  | L1  | L2  | H    | D1  | N*D   |
|-------|-----|-----|------|-----|-------|
| DN50  | 178 | 160 | 455  | 125 | 4*19  |
| DN65  | 178 | 165 | 492  | 140 | 4*19  |
| DN80  | 178 | 216 | 570  | 160 | 8*19  |
| DN100 | 178 | 254 | 661  | 180 | 8*19  |
| DN150 | 178 | 305 | 821  | 240 | 8*23  |
| DN200 | 178 | 356 | 955  | 295 | 12*23 |
| DN250 | 230 | 406 | 1140 | 350 | 12*28 |
| DN300 | 258 | 483 | 1342 | 410 | 12*28 |
| DN350 | 258 | 533 | 1490 | 470 | 16*28 |
| DN400 | 280 | 597 | 1690 | 525 | 16*31 |
| DN500 | 359 | 700 | 1830 | 650 | 20*34 |

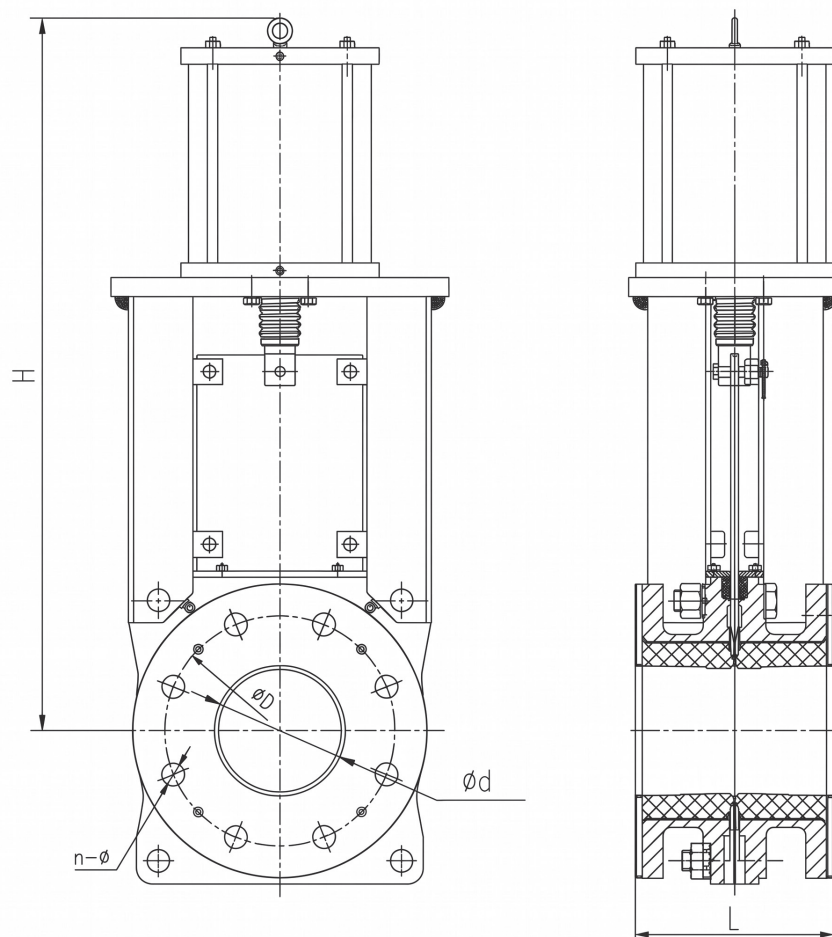


## DIMENSION FOR MANUAL CLASS 150 CONNECTION



| SIZE  | L1  | L2  | H2  | D1    | N*D       |
|-------|-----|-----|-----|-------|-----------|
| DN50  | 178 | 160 | 76  | 120,7 | 4*5/8"    |
| DN65  | 178 | 165 | 90  | 139,7 | 4*5/8"    |
| DN80  | 178 | 216 | 95  | 152,4 | 4*5/8"    |
| DN100 | 178 | 254 | 114 | 190,5 | 4*5/8"    |
| DN150 | 178 | 305 | 140 | 241,3 | 4*3/4"    |
| DN200 | 178 | 356 | 170 | 298,5 | 4*3/4"    |
| DN250 | 230 | 406 | 203 | 362   | 12*7/8"   |
| DN300 | 258 | 483 | 241 | 431,8 | 12*7/8"   |
| DN350 | 258 | 533 | 267 | 476,3 | 12*1"     |
| DN400 | 280 | 597 | 299 | 539,8 | 12*1"     |
| DN500 | 359 | 700 | 349 | 635   | 16*1 1/8" |

## DIMENSION FOR PNEUMATIC ACTUATOR FOR CLASS 150 CONNECTION



| SIZE  | L1  | L2  | H    | D1    | N*D       |
|-------|-----|-----|------|-------|-----------|
| DN50  | 178 | 160 | 455  | 120,7 | 4*5/8"    |
| DN65  | 178 | 165 | 492  | 139,7 | 4*5/8"    |
| DN80  | 178 | 216 | 570  | 152,4 | 4*5/8"    |
| DN100 | 178 | 254 | 661  | 190,5 | 4*5/8"    |
| DN150 | 178 | 305 | 821  | 241,3 | 4*3/4"    |
| DN200 | 178 | 356 | 955  | 298,5 | 4*3/4"    |
| DN250 | 230 | 406 | 1140 | 362   | 12*7/8"   |
| DN300 | 258 | 483 | 1342 | 431,8 | 12*7/8"   |
| DN350 | 258 | 533 | 1490 | 476,3 | 12*1"     |
| DN400 | 280 | 597 | 1690 | 539,8 | 12*1"     |
| DN500 | 359 | 700 | 1830 | 635   | 16*1 1/8" |



## SERIES 300L SLR LUG TYPE SLURRY KNIFE GATE VALVE

Bi-directional lug type knife gate valve. Secondary seal design. Reliable shut-off performance for abrasive and corrosive slurry applications.

### NOMINAL SIZE

DN50 to DN600 *\*upper sizes request*

### WORKING PRESSURE

6 bar / 10 bar

### CONNECTION

EN 1092 PN10 or CL150

ASME B16.5 (Class 150)

Other flange drillings available on request

### WORKING TEMPERATURE

-20 °C / +120 °C

### SPARK TEST

14 Kv

### WORKING MEDIA

Mining and mineral processing (tailings, slurry transport)

Power generation (coal handling, ash slurry)

Cement industry (raw meal, kiln dust, slurry applications)

Wastewater and sewage treatment (grit, sludge, abrasive solids)

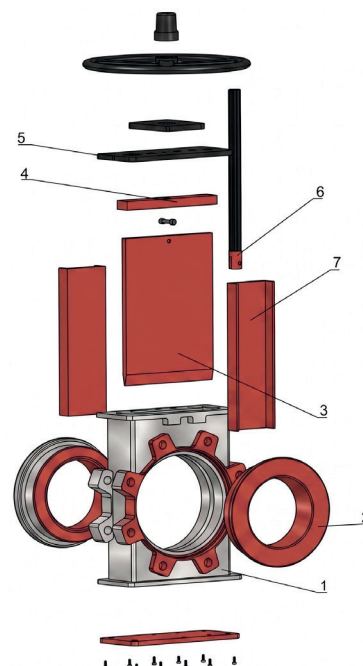
Chemical and petrochemical industries (abrasive or corrosive slurries)

Steel and metal processing (scale, slag, slurry handling)



#### Standart part list

| Part No | Part Name     | Part Material  |
|---------|---------------|----------------|
| 1       | Body          | GGG40          |
| 2       | Seat          | Natural rubber |
| 3       | Gate          | SS2205         |
| 4       | Packing       | EPDM           |
| 5       | Packing Gland | EPDM           |
| 6       | Stem          | AISI420        |
| 7       | Yoke          | S235JR         |



**BODY**

The S300L SLR knife gate valve features a monoblock cast body designed to provide high mechanical strength and structural rigidity. It is specifically engineered for abrasive and solid-laden fluids, combining a stainless steel gate with a double resilient sleeve sealing system to ensure high flow capacity with low pressure loss. The robust body design guarantees reliable operation and extended service life in demanding industrial applications.

**GATE**

The gate is manufactured from high-grade stainless steel, providing excellent resistance to corrosion, wear, and abrasion. Its precision-machined design ensures smooth operation and effective shut-off, even in applications involving solid particles and slurry media.

**SEAT**

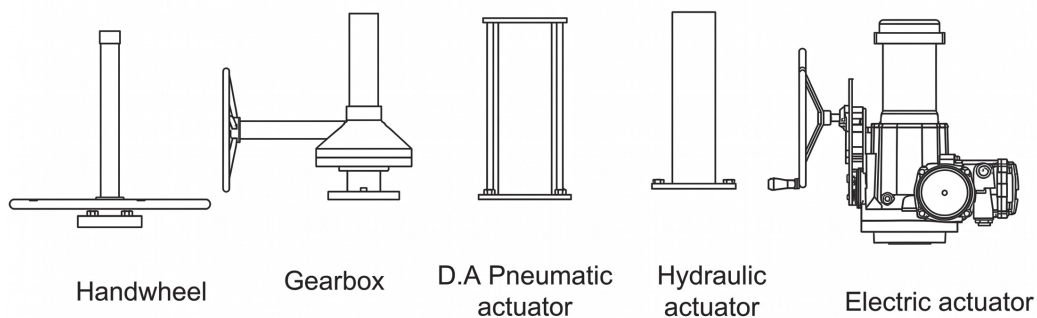
The seat consists of two replaceable resilient sleeves that provide tight shut-off and bidirectional sealing. Designed to accommodate abrasive and solid-laden media, the seat system minimizes wear on the gate while ensuring reliable sealing performance and extended service life.

**STEM**

The stem is manufactured from corrosion-resistant stainless steel and is precision machined to ensure smooth and accurate gate movement. Its robust design allows reliable force transmission during operation, providing consistent performance and long service life under demanding operating conditions.

**OPERATION**

Available with manual, pneumatic, electric, and hydraulic actuator options.

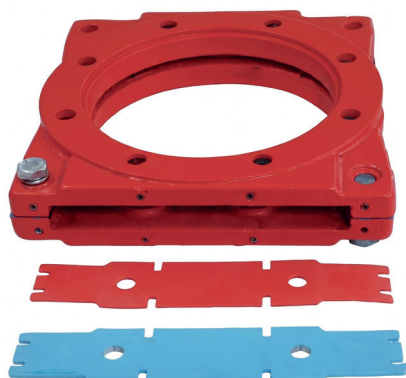
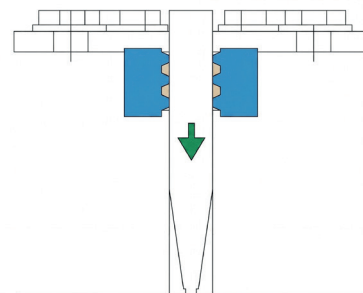




## DESIGN ADVANTAGES

### SECONDARY SEAL

Molded elastomer secondary sealing system. Eliminates any leakage between the knife and the top of the valve body in any installation orientation. Can be used for gate lubrication. Replaceable while the valve is installed in the line, reducing maintenance time and downtime.

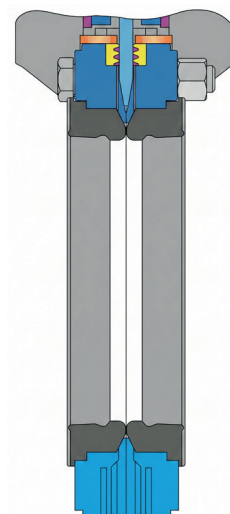
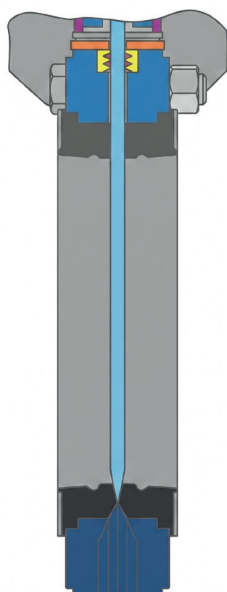


### SPLASH CONTROL

Designed with a drain plate located at the base of the valve body. Splash control is provided via an optional drain plate, ensuring a safer and cleaner working environment.

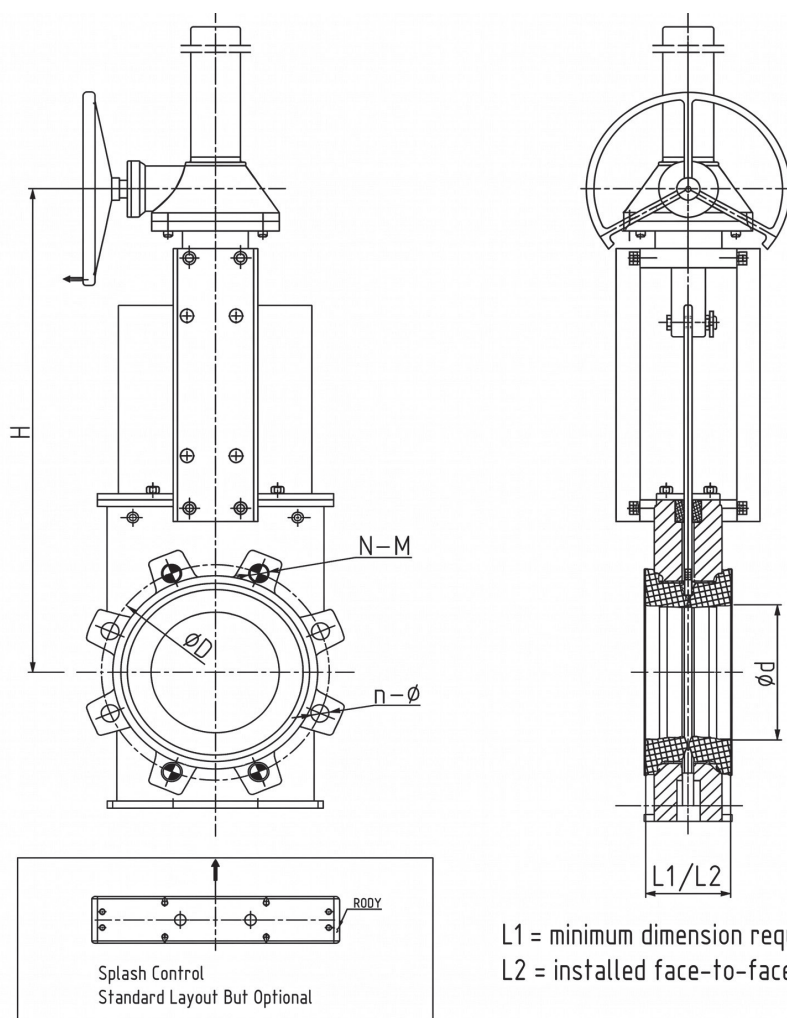
### OPEN POSITION

The gate is positioned above the sealing elements. Tight fit between the sleeves and the internal sleeve profile ensures reliable containment of line pressure. Metallic parts are not in contact with the slurry. Full-bore, unobstructed port design eliminates turbulence and minimizes pressure drop across the valve. No seat cavities where solids can accumulate, ensuring reliable full gate closure.



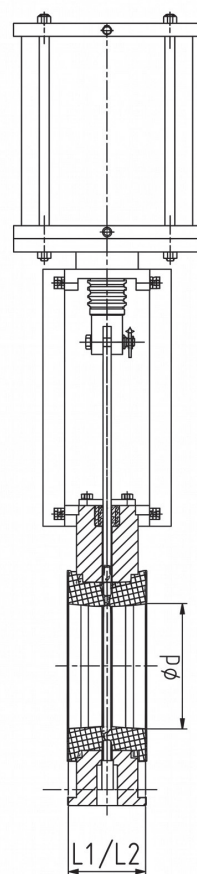
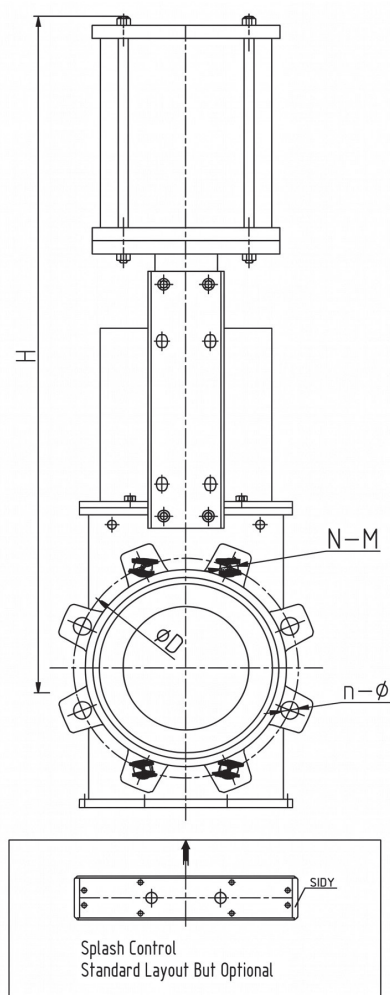
### CLOSED POSITION

The gate travels through the sleeves to provide blind-flange shut-off and expels solids, ensuring complete closure. 100% isolation with bubble-tight shut-off. Controlled stroke prevents over-travel of the gate, minimizing stress on the sleeves.



| DIMENSION TABLE |     |     |      |     |      |       |
|-----------------|-----|-----|------|-----|------|-------|
| SIZE            | d   | L2  | H2   | D   |      | N*M   |
| DN50            | 51  | 57  | 54   | 125 | 125  | 4*16  |
| DN65            | 64  | 57  | 54   | 145 | 145  | 4*16  |
| DN80            | 76  | 62  | 57   | 160 | 160  | 4*16  |
| DN100           | 102 | 62  | 57   | 180 | 180  | 8*16  |
| DN125           | 127 | 65  | 60   | 210 | 210  | 8*16  |
| DN150           | 154 | 68  | 63,5 | 240 | 295  | 8*20  |
| DN200           | 204 | 81  | 76   | 350 | 295  | 8*20  |
| DN250           | 254 | 83  | 79   | 350 | 300  | 12*20 |
| DN300           | 296 | 89  | 83   | 400 | 1220 | 12*20 |
| DN350           | 296 | 89  | 83   | 400 | 1220 | 12*20 |
| DN350           | 344 | 89  | 83   | 460 | 1620 | 12*24 |
| DN400           | 390 | 102 | 95   | 515 | 1224 | 12*24 |
| DN500           | 492 | 131 | 121  | 620 | 1624 | 16*24 |
| DN600           | 590 | 132 | 121  | 725 | 1627 | 16*27 |

## DIMENSION FOR PNEUMATIC ACTUATOR; FOR PN10/CLASS 150 CONNECTION



L1 = minimum dimension required for installation.  
 L2 = installed face-to-face.

| SIZE  | d   | L2  | H2    | D     | N*M            |
|-------|-----|-----|-------|-------|----------------|
| DN50  | 51  | 57  | 54    | 120,7 | 4-5/8"-11      |
| DN65  | 64  | 57  | 54    | 139,7 | 4-5/8"-11      |
| DN80  | 76  | 62  | 57    | 152,4 | 4-5/8"-11      |
| DN100 | 102 | 65  | 152,4 | 190,5 | 4-5/8"-11      |
| DN125 | 154 | 68  | 60    | 215,9 | 4-3/4"-10      |
| DN150 | 154 | 68  | 76,5  | 241,3 | 4-3/4"-10      |
| DN200 | 204 | 81  | 83    | 298,5 | 4-3/4"-10      |
| DN250 | 254 | 83  | 89    | 432   | 12-7/8"-9      |
| DN250 | 254 | 88  | 89    | 432   | 12-7/8"-9      |
| DN300 | 296 | 89  | 83    | 432   | 12-1"-8        |
| DN350 | 296 | 89  | 89    | 476,3 | 12-1"-8        |
| DN350 | 344 | 102 | 89    | 540   | 12-1 1"-8      |
| DN400 | 390 | 102 | 978   | 578   | 12-1/8"-7      |
| DN500 | 492 | 131 | 121   | 635   | 12-1/4"-7 Gear |
| DN600 | 590 | 132 | 121   | 635   | 12-1/4"-7 Gear |

## SERIES 300W SLR WAFER SLURRY KNIFE GATE VALVE

Bi-directional wafer type knife gate valve. Secondary seal design. Reliable shut-off performance for abrasive and corrosive slurry applications.

### NOMINAL SIZE

DN50 to DN800 *\*upper sizes request*

### WORKING PRESSURE

6 bar / 10 bar / 16 bar

### CONNECTION

EN 1092 PN10 or CL150

ASME B16.5 (Class 150)

Other flange drillings available on request

### WORKING TEMPERATURE

-20 °C / +120 °C

### SPARK TEST

14 Kv

### WORKING MEDIA

Mining and mineral processing (tailings, slurry transport)

Power generation (coal handling, ash slurry)

Cement industry (raw meal, kiln dust, slurry applications)

Wastewater and sewage treatment (grit, sludge, abrasive solids)

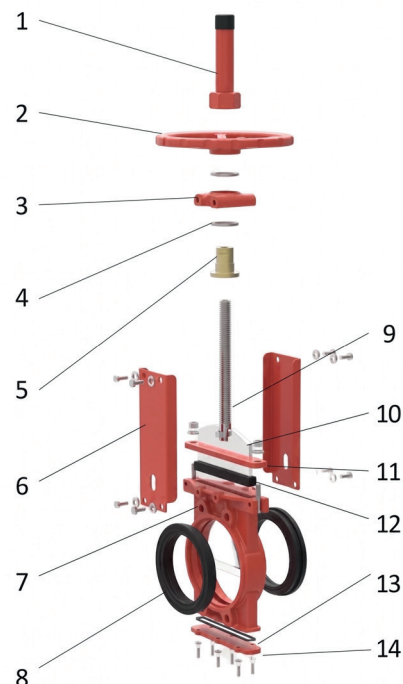
Chemical and petrochemical industries (abrasive or corrosive slurries)

Steel and metal processing (scale, slag, slurry handling)



### Standart part list

| Part No | Part Name     | Part Material         |
|---------|---------------|-----------------------|
| 1       | Handle Cover  | Steel                 |
| 2       | Handle Wheel  | GGG40                 |
| 3       | Yoke Flange   | GGG40                 |
| 4       | Bearing       | Gcr15                 |
| 5       | Nut           | Brass                 |
| 6       | Yoke          | S325                  |
| 7       | Body          | GGG40                 |
| 8       | Seat          | NR+Steel              |
| 9       | Stem          | SS420/SS304/SS16      |
| 10      | Bolt&Nut      | Fe+Zn(Painting)/SS304 |
| 11      | Packing Gland | WCB                   |
| 12      | Packing       | Rubber                |
| 13      | Packing       | Rubber                |
| 14      | Bottom Gland  | WCB                   |



Standart S300W SLR Wafer knife gate valve is designed for demanding industrial applications where reliable shut-off and long service life are required. Its robust construction, bi-directional sealing capability, and selfcleaning design make it suitable for a wide range of slurry and solid-laden media.

#### **BODY**

Bi-directional sealing design ensures tight shut-off in both flow directions. Advanced seat design providing reliable sealing under various operating conditions. Self-sealing structure improves sealing performance as line pressure increases. 2-piece strong yoke construction for enhanced mechanical strength. Self-cleaning hole design prevents material build-up and ensures smooth operation. Compatible with various packing materials for flexible application requirements

#### **PRODUCT DESCRIPTION**

The Standar S300W SLR self-sealing knife gate valve utilizes dual rubber seats that are compressed against the gate to achieve superior sealing performance. When the gate is fully open, the rubber seats remain in close contact, maintaining pipeline pressure and ensuring smooth flow.

When the valve is in the closed position, the gate can be easily removed for maintenance without affecting the normal operation of the pipeline, eliminating the need for complete valve disassembly. The full rubber seat design offers excellent wear resistance and ensures uninterrupted flow continuity.

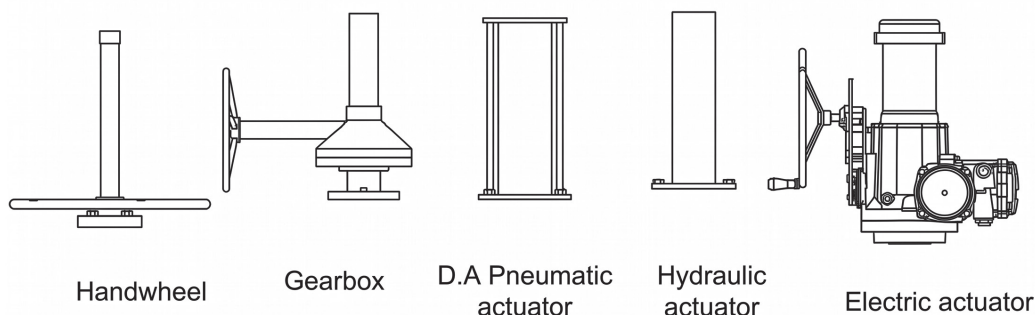
The Series 300 is especially suitable for applications requiring abrasion resistance and reliable isolation, such as mining, slurry handling, wastewater treatment, and other heavy-duty industrial processes.

#### **STEM**

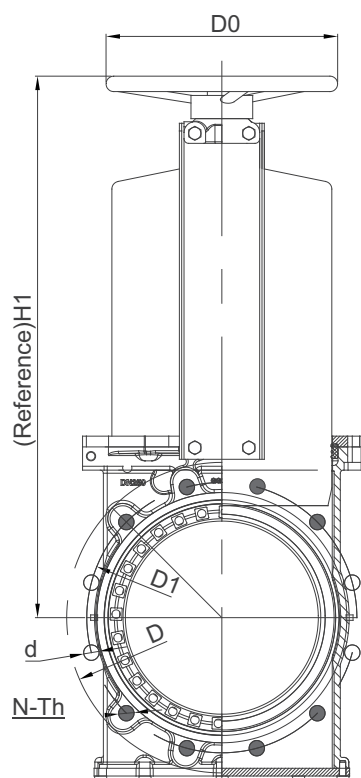
Manufactured entirely from steel. Provides high resistance to corrosion and long service life.

#### **OPERATION**

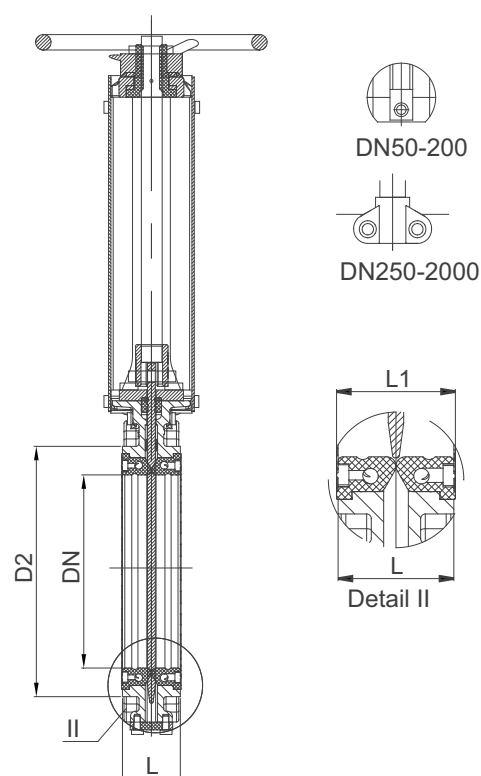
Available with manual, pneumatic, electric, and hydraulic actuator options.



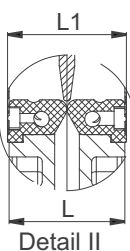
## DIMENSION FOR MANUAL; FOR PN10/CLASS 150 CONNECTION



● (Blind threaded)    ⊕ (Tapping through)



DN50-200



PN10 DIMENSION TABLE

| SIZE  | L    | D    | D1  | D2  | D0  | N-Th   | Ød       | H1   |
|-------|------|------|-----|-----|-----|--------|----------|------|
| DN50  | 53   | 165  | 125 | 99  | 180 | 4-M16  | Ø18      | 260  |
| DN65  | 53   | 185  | 145 | 118 | 200 | 4-M16  | Ø18      | 292  |
| DN80  | 56,5 | 200  | 160 | 132 | 200 | 8-M16  | Ø18      | 320  |
| DN100 | 56,5 | 220  | 180 | 156 | 240 | 8-M16  | Ø18      | 320  |
| DN125 | 63   | 250  | 210 | 184 | 260 | 8-M16  | Ø18      | 395  |
| DN150 | 62   | 285  | 240 | 211 | 280 | 8-M20  | Ø23      | 450  |
| DN200 | 76,5 | 340  | 295 | 266 | 300 | 12-M20 | Ø23      | 670  |
| DN250 | 75,5 | 395  | 350 | 319 | 320 | 12-M20 | Ø23      | 670  |
| DN300 | 84   | 445  | 400 | 370 | 350 | 12-M20 | Ø23      | 758  |
| DN350 | 84   | 505  | 460 | 429 | 400 | 12-M24 | Ø23      | 857  |
| DN400 | 99   | 565  | 515 | 480 | 450 | 16-M24 | Ø27      | 946  |
| DN550 | 99   | 615  | 620 | 530 | 500 | 20-M24 | Ø27      | Gear |
| DN500 | 129  | 725  | 680 | 638 | 580 | 20-M24 | Ø27      | Gear |
| DN600 | 129  | 780  | 725 | 682 | -   | 20-M27 | Ø30 Gear | Gear |
| DN700 | 142  | 895  | 840 | 794 | -   | 24-M27 | Ø30 Gear | Gear |
| DN800 | 142  | 1015 | 950 | 901 | -   | 24-M30 | Ø33 Gear | Gear |

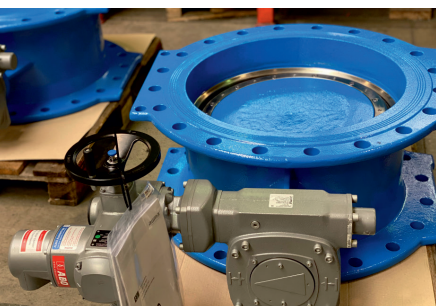
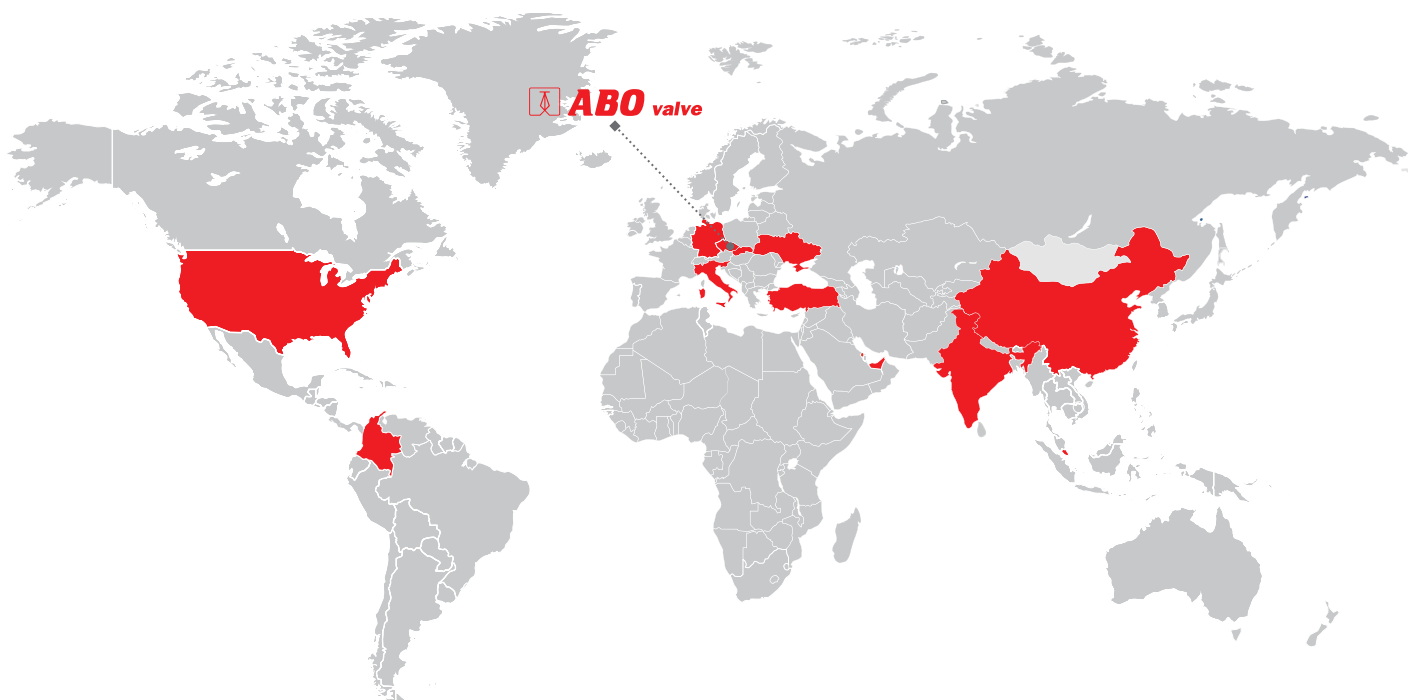
ANSI 150 LB DIMENSION TABLE

| SIZE   | DN     | L    | D    | D1  | D2  | D0   | N-Th     | Ød       | H1   |
|--------|--------|------|------|-----|-----|------|----------|----------|------|
| 2"     | 2"     | 53   | 152  | 121 | 92  | 180  | 4-5/8"   | Ø19      | 260  |
| 2-1/2" | 2-1/2" | 53   | 178  | 140 | 105 | 200  | 4-5/8"   | Ø19      | 292  |
| 3"     | 3"     | 56,5 | 191  | 153 | 127 | 200  | 4-5/8"   | Ø19      | 320  |
| 4"     | 4"     | 56,5 | 229  | 191 | 157 | 240  | 4-5/8"   | Ø19      | 358  |
| 5"     | 5"     | 63   | 254  | 216 | 186 | 260  | 8-5/8"   | Ø22      | 395  |
| 6"     | 8"     | 62   | 279  | 242 | 216 | 280  | 8-3/4"   | Ø22      | 450  |
| 8"     | 10"    | 76,5 | 343  | 299 | 270 | 300  | 8-3/4"   | Ø22      | 532  |
| 10"    | 12"    | 75,5 | 406  | 362 | 324 | 320  | 12-7/8"  | Ø25      | 670  |
| 12"    | 14"    | 84   | 483  | 432 | 381 | 350  | 12-1"-11 | Ø29      | 857  |
| 14"    | 16"    | 99   | 533  | 476 | 413 | 400  | 12-1"    | Ø29      | Gear |
| 16"    | 18"    | 99   | 597  | 540 | 470 | 450  | 16-1"    | Ø29      | Gear |
| 18"    | 20"    | 129  | 635  | 692 | 533 | 500  | 20-11/8" | Ø32      | Gear |
| 22"    | 22"    | 129  | 750  | 692 | 691 | -    | 20-11/4" | Ø32      | Gear |
| 24"    | 22"    | 129  | 813  | 750 | -   | -    | 20-11/4" | Ø32 Gear | Gear |
| 28"    | 26"    | 129  | 927  | 750 | -   | -    | 20-11/4" | Ø35 Gear | Gear |
| 32"    | 32"    | 142  | 1060 | 978 | -   | Gear | 28-11/4" | Ø35 Gear | Gear |
| 32"    | 32"    | 142  | 1060 | 978 | -   | Gear | 28-11/2" | Ø41 Gear | Gear |



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