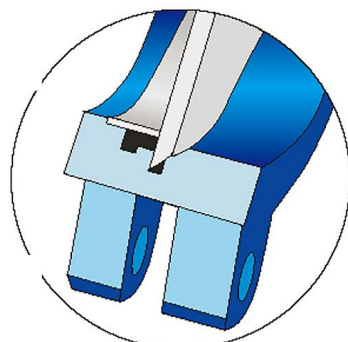


Flange drillings: PN10/Class 150/JIS 10K/AS 2129
 Materials: GGG40/CF8/CF8M/ALLOY
 Operation: Manual, Pneumatic, Electric, Hydraulic

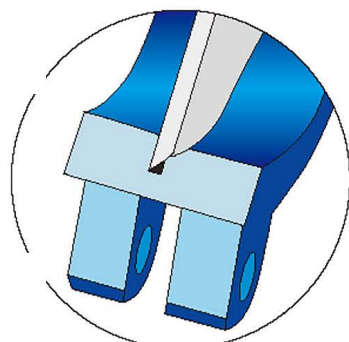
Features

- Stem Protector
- Indicator
- Support yoke
- Knife
- Replacement seat
- Monoblock body with epoxy coating (Fusion bonded paint)

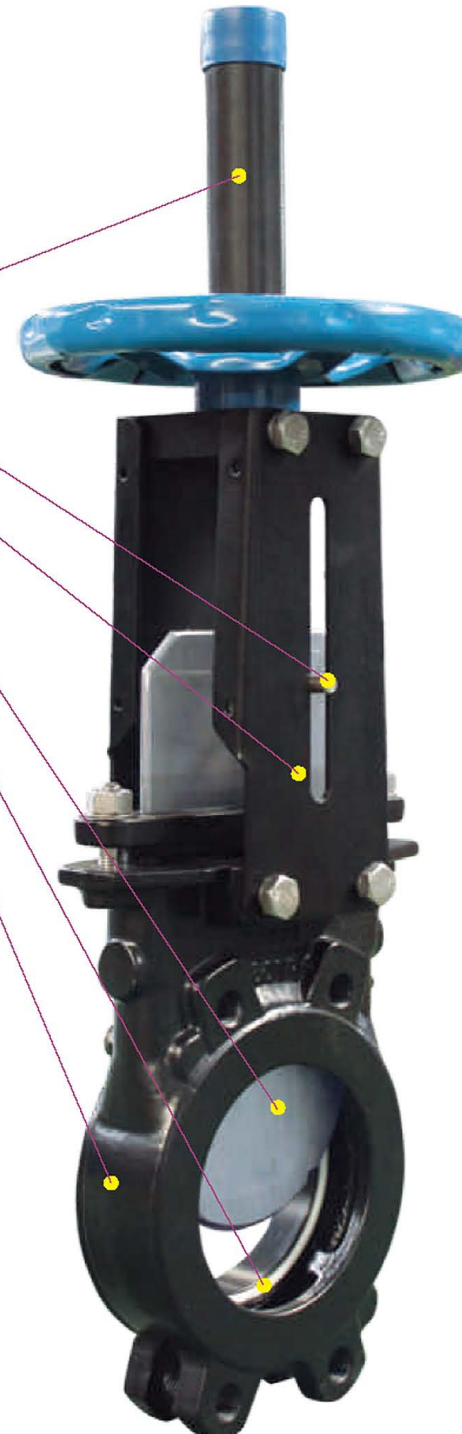
Sealing types



Rubber seat



Metal Seat

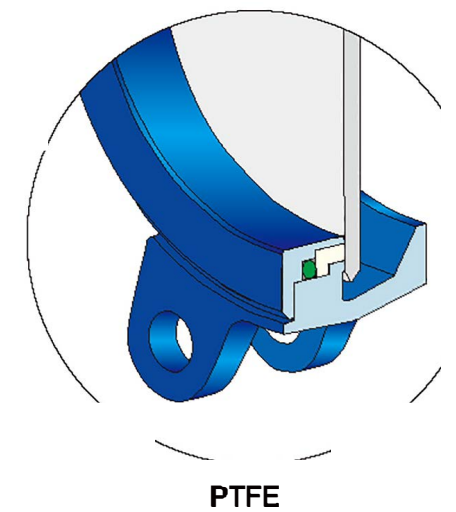


Flange drillings: PN10/Class 150/JIS 10K/AS 2129
 Materials: GGG40/CF8/CF8M/ALLOY
 Operation: Manual, Pneumatic, Electric, Hydraulic

Knife gate valve can be used within a wide range of applications on both dry and wet media such as pulp stock up to 7% concentrations, sludge, biomass, ash, granulate and different kinds of waste.

Features

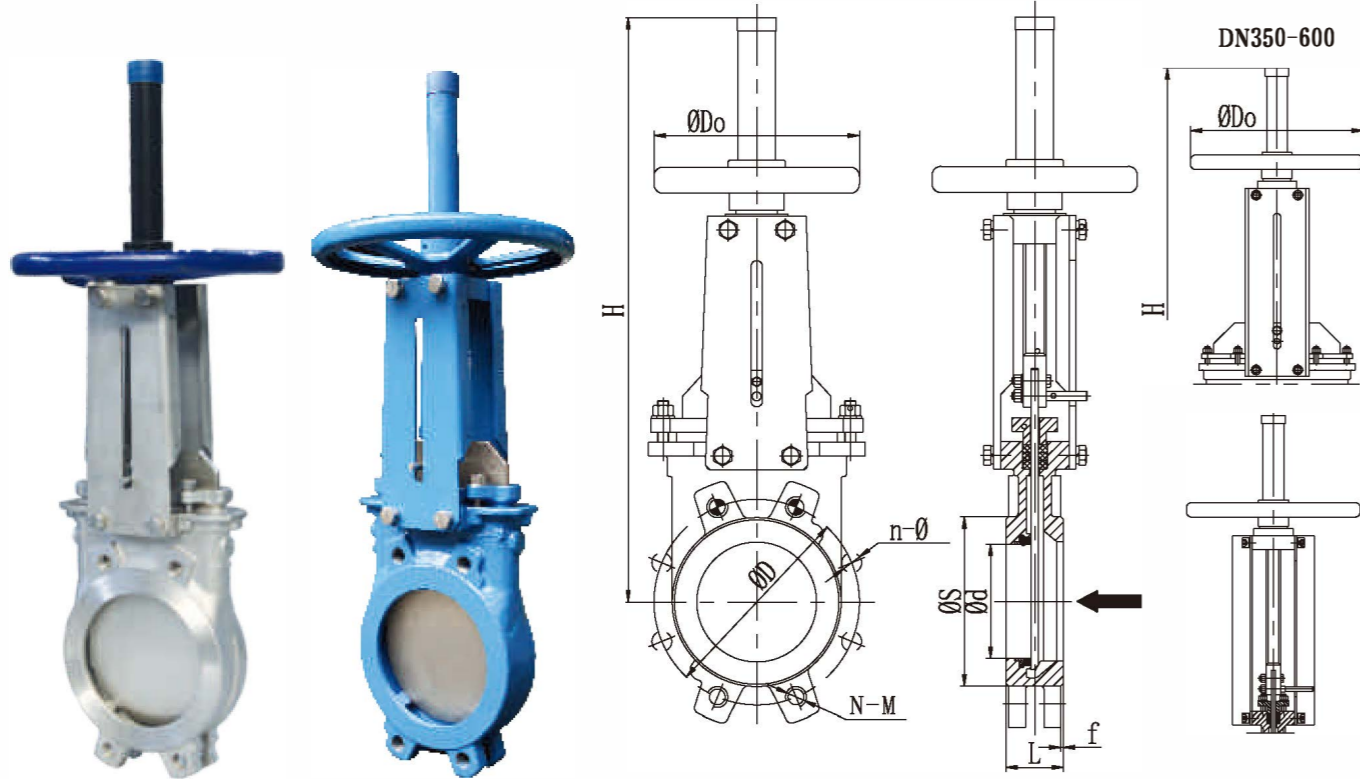
- Can easily with actuators and related automation accessories .
- High performance seat system is easily be removed for seat change.
- Scraper on request



PTFE



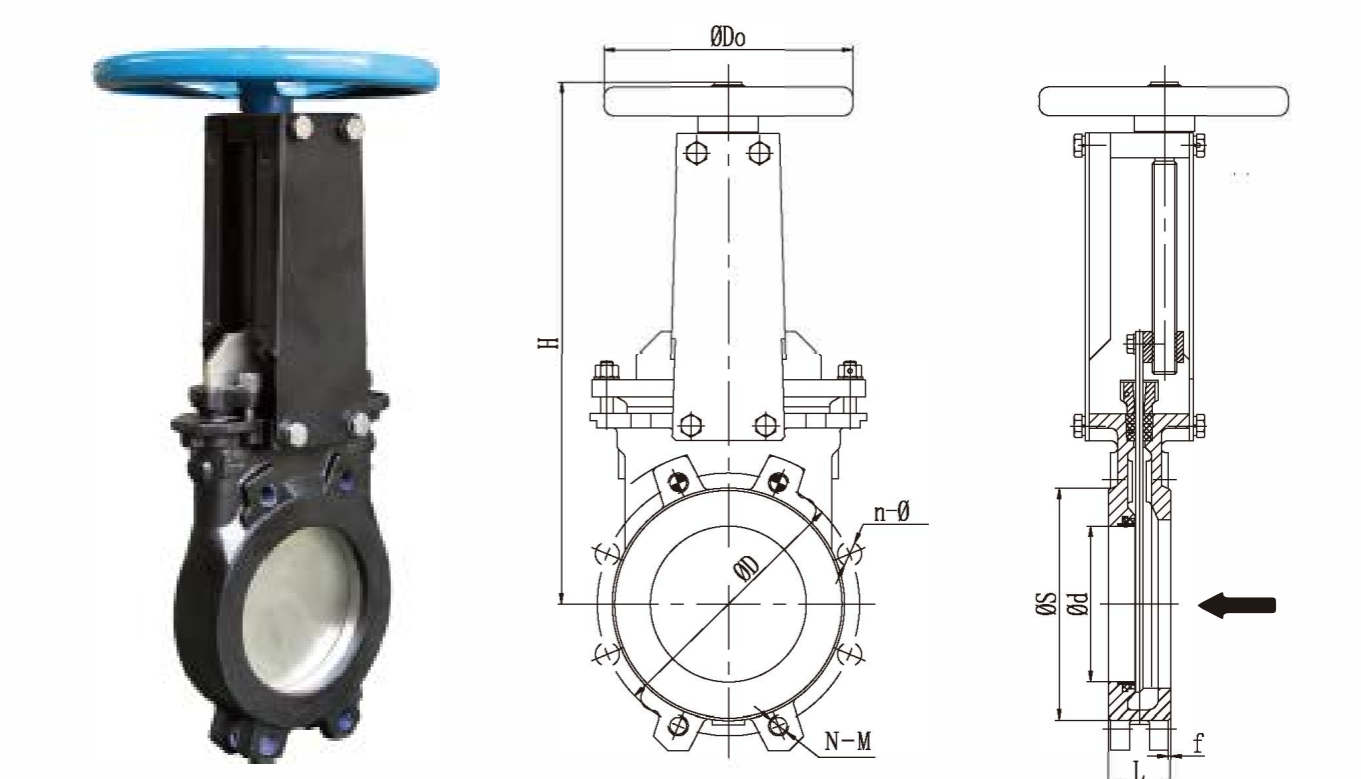
Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: DN50-DN1800
 Material: GGG40/Stainless steel/Special material



| ● Main dimensions | | | | | | | | | PN10 |
|--------------------------------------|-----|-----|-----|-----|---|--------|--------|-----|------|
| DN | d | L | D | S | f | N-M | n-Ø | Do | H |
| ※50 | 50 | 48 | 125 | 92 | 2 | 4-M16 | / | 200 | 415 |
| 65 | 65 | 48 | 145 | 110 | 2 | 4-M16 | / | 200 | 435 |
| 80 | 80 | 50 | 160 | 127 | 2 | 4-M16 | 4-φ 18 | 200 | 465 |
| 100 | 100 | 50 | 180 | 153 | 2 | 4-M16 | 4-φ 18 | 200 | 500 |
| ※125 | 125 | 57 | 210 | 182 | 2 | 4-M16 | 4-φ 18 | 200 | 565 |
| 150 | 150 | 60 | 240 | 207 | 2 | 4-M20 | 4-φ 22 | 300 | 706 |
| 200 | 200 | 60 | 295 | 260 | 2 | 4-M20 | 4-φ 22 | 300 | 805 |
| 250 | 250 | 70 | 350 | 320 | 2 | 6-M20 | 6-φ 22 | 350 | 975 |
| 300 | 300 | 70 | 400 | 369 | 2 | 6-M20 | 6-φ 22 | 350 | 1120 |
| ※350 | 336 | 76 | 460 | 413 | 2 | 8-M20 | 8-φ 22 | 500 | 1320 |
| ※400 | 385 | 89 | 515 | 470 | 2 | 8-M24 | 8-φ 27 | 500 | 1445 |
| ※450 | 438 | 89 | 565 | 531 | 2 | 12-M24 | 8-φ 27 | 500 | 1630 |
| 500 | 489 | 110 | 620 | 573 | 2 | 12-M24 | 8-φ 27 | 500 | 1790 |
| 600 | 570 | 110 | 725 | 646 | 2 | 12-M27 | 8-φ 30 | 500 | 2050 |
| ≥DN700 , please contact manufacturer | | | | | | | | | |

Size which marked ※ , the face to face in table (L) is standard length. For alternative length, please consult the manufacturer.

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: DN50-DN1800
 Material: GGG40/Stainless steel/Special material



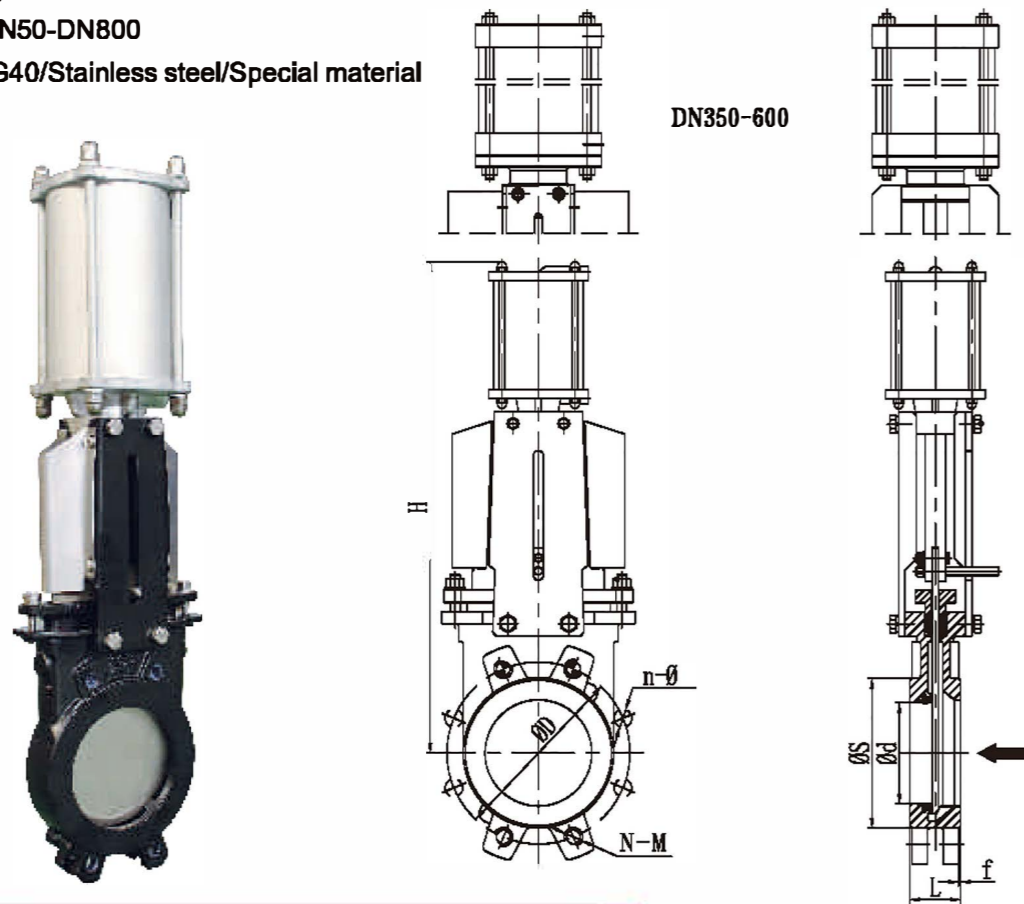
| ● Main dimensions | | | | | | | | | PN10 |
|--------------------------------------|-----|-----|-----|-----|---|--------|--------|-----|------|
| DN | d | L | D | S | f | N-M | n-Ø | Do | H |
| ※50 | 50 | 48 | 125 | 92 | 2 | 4-M16 | / | 200 | 289 |
| 65 | 65 | 48 | 145 | 110 | 2 | 4-M16 | / | 200 | 312 |
| 80 | 80 | 50 | 160 | 127 | 2 | 4-M16 | 4-φ 18 | 200 | 340 |
| 100 | 100 | 50 | 180 | 153 | 2 | 4-M16 | 4-φ 18 | 200 | 375 |
| ※125 | 125 | 57 | 210 | 182 | 2 | 4-M16 | 4-φ 18 | 200 | 414 |
| 150 | 150 | 60 | 240 | 207 | 2 | 4-M20 | 4-φ 22 | 300 | 475 |
| 200 | 200 | 60 | 295 | 260 | 2 | 4-M20 | 4-φ 22 | 300 | 567 |
| 250 | 250 | 70 | 350 | 320 | 2 | 6-M20 | 6-φ 22 | 350 | 686 |
| 300 | 300 | 70 | 400 | 369 | 2 | 6-M20 | 6-φ 22 | 350 | 790 |
| ※350 | 336 | 76 | 460 | 413 | 2 | 8-M20 | 8-φ 22 | 500 | 905 |
| ※400 | 385 | 89 | 515 | 470 | 2 | 8-M24 | 8-φ 27 | 500 | 1013 |
| ※450 | 438 | 89 | 565 | 531 | 2 | 12-M24 | 8-φ 27 | 500 | / |
| 500 | 489 | 110 | 620 | 573 | 2 | 12-M24 | 8-φ 27 | 500 | / |
| 600 | 570 | 110 | 725 | 646 | 2 | 12-M27 | 8-φ 30 | 500 | / |
| ≥DN700 , please contact manufacturer | | | | | | | | | |

Size which marked ※ , the face to face in table (L) is standard length. For alternative length, please consult the manufacturer.

Flange drilling: PN10/150LB/JIS 10K/AS 2129

Size range: DN50-DN800

Material: GGG40/Stainless steel/Special material



PN10

● Main dimensions

| DN | d | L | D | S | f | N-M | n-φ | H |
|------|-----|-----|-----|-----|---|--------|--------|------|
| ※50 | 50 | 48 | 125 | 92 | 2 | 4-M16 | / | 415 |
| 65 | 65 | 48 | 145 | 110 | 2 | 4-M16 | / | 455 |
| 80 | 80 | 50 | 160 | 127 | 2 | 4-M16 | 4-φ 18 | 496 |
| 100 | 100 | 50 | 180 | 153 | 2 | 4-M16 | 4-φ 18 | 555 |
| ※125 | 125 | 57 | 210 | 182 | 2 | 4-M16 | 4-φ 18 | 655 |
| 150 | 150 | 60 | 240 | 207 | 2 | 4-M20 | 4-φ 22 | 732 |
| 200 | 200 | 60 | 295 | 260 | 2 | 4-M20 | 4-φ 22 | 885 |
| 250 | 250 | 70 | 350 | 320 | 2 | 6-M20 | 6-φ 22 | 1060 |
| 300 | 300 | 70 | 400 | 369 | 2 | 6-M20 | 6-φ 22 | 1215 |
| ※350 | 336 | 76 | 460 | 413 | 2 | 8-M20 | 8-φ 22 | 1458 |
| ※400 | 385 | 89 | 515 | 470 | 2 | 8-M24 | 8-φ 27 | 1620 |
| ※450 | 438 | 89 | 565 | 531 | 2 | 12-M24 | 8-φ 27 | 1765 |
| 500 | 489 | 110 | 620 | 573 | 2 | 12-M24 | 8-φ 27 | 1925 |
| 600 | 570 | 110 | 725 | 646 | 2 | 12-M27 | 8-φ 30 | 2265 |

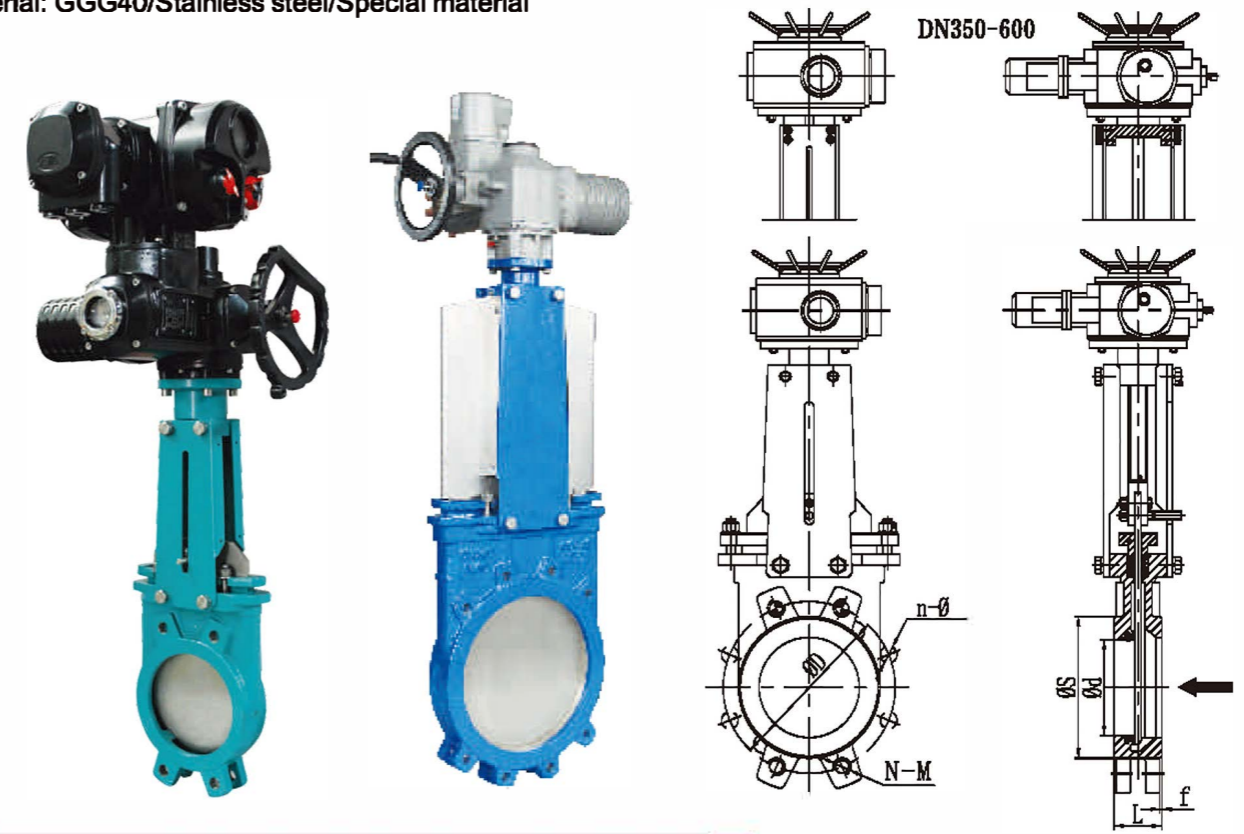
≥DN700 , please contact manufacturer

Size which marked ※ , the face to face in table (L) is standard length. For alternative length, please consult the manufacturer.

Flange drilling: PN10/150LB/JIS 10K/AS 2129

Size range: DN50-DN1800

Material: GGG40/Stainless steel/Special material



PN10

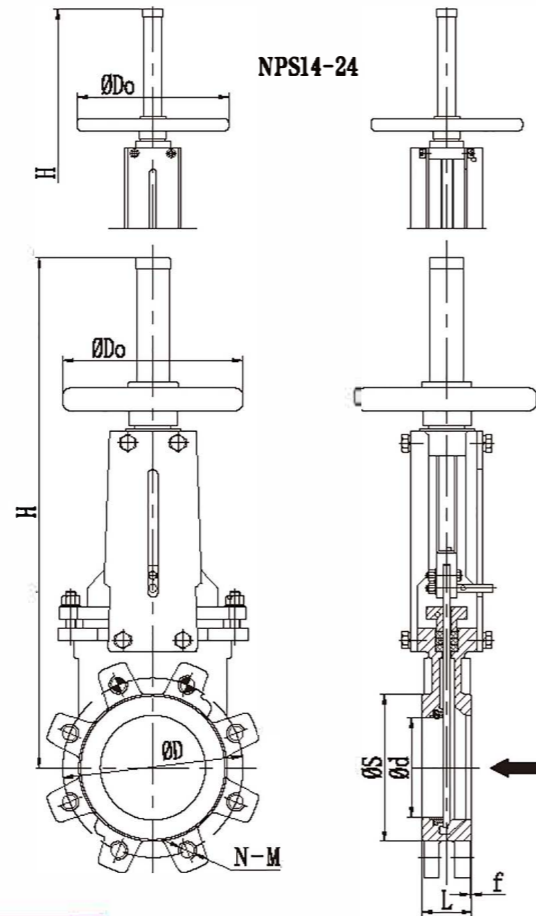
● Main dimensions

| DN | d | L | D | S | f | N-M | n-φ | H |
|------|-----|-----|-----|-----|---|--------|--------|------|
| ※50 | 50 | 48 | 125 | 92 | 2 | 4-M16 | / | 415 |
| 65 | 65 | 48 | 145 | 110 | 2 | 4-M16 | / | 455 |
| 80 | 80 | 50 | 160 | 127 | 2 | 4-M16 | 4-φ 18 | 496 |
| 100 | 100 | 50 | 180 | 153 | 2 | 4-M16 | 4-φ 18 | 555 |
| ※125 | 125 | 57 | 210 | 182 | 2 | 4-M16 | 4-φ 18 | 655 |
| 150 | 150 | 60 | 240 | 207 | 2 | 4-M20 | 4-φ 22 | 732 |
| 200 | 200 | 60 | 295 | 260 | 2 | 4-M20 | 4-φ 22 | 885 |
| 250 | 250 | 70 | 350 | 320 | 2 | 6-M20 | 6-φ 22 | 1060 |
| 300 | 300 | 70 | 400 | 369 | 2 | 6-M20 | 6-φ 22 | 1215 |
| ※350 | 336 | 76 | 460 | 413 | 2 | 8-M20 | 8-φ 22 | 1458 |
| ※400 | 385 | 89 | 515 | 470 | 2 | 8-M24 | 8-φ 27 | 1620 |
| ※450 | 438 | 89 | 565 | 531 | 2 | 12-M24 | 8-φ 27 | 1765 |
| 500 | 489 | 110 | 620 | 573 | 2 | 12-M24 | 8-φ 27 | 1925 |
| 600 | 570 | 110 | 725 | 646 | 2 | 12-M27 | 8-φ 30 | 2265 |

≥DN700 , please contact manufacturer

Size which marked ※ , the face to face in table (L) is standard length. For alternative length, please consult the manufacturer.

Flange drilling: Class 150
 Size range: NPS2-NPS72
 Material: GGG40/Stainless steel/Special material



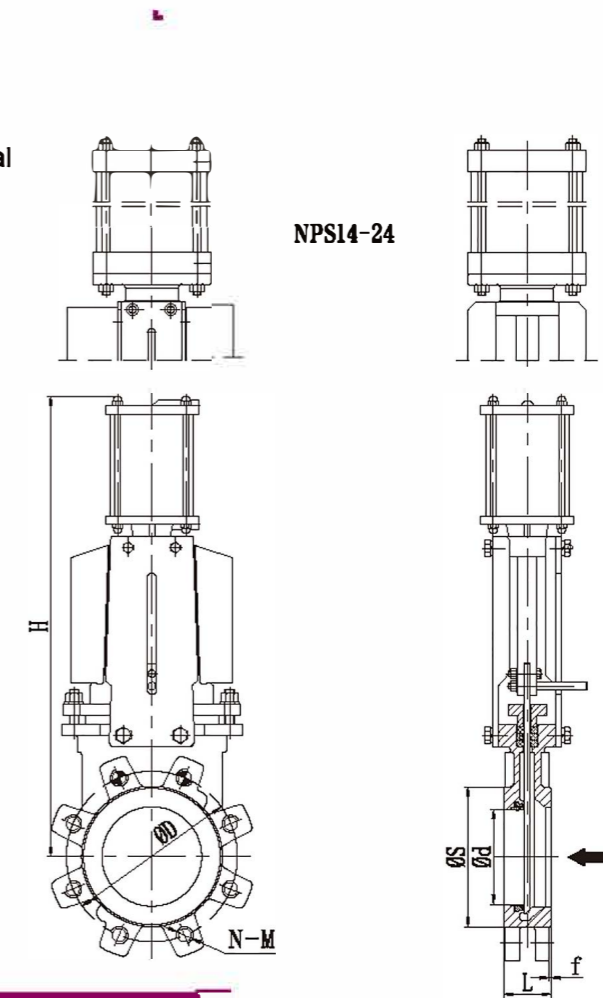
150LB

● Main dimensions

| NPS | d | L | D | S | f | N-M(UNC) | H | Do |
|-------|-----|-----|-------|-------|---|-------------|------|-----|
| 2 | 50 | 48 | 120.7 | 92.1 | 2 | 4-5/8"-11 | 415 | 200 |
| 2 1/2 | 85 | 48 | 139.7 | 104.8 | 2 | 4-5/8"-11 | 435 | 200 |
| 3 | 80 | 51 | 152.4 | 127.0 | 2 | 4-5/8"-11 | 465 | 200 |
| 4 | 100 | 51 | 190.5 | 157.0 | 2 | 8-5/8"-11 | 500 | 200 |
| 5 | 125 | 57 | 215.9 | 186.0 | 2 | 8-3/4"-10 | 565 | 200 |
| 6 | 150 | 57 | 241.3 | 215.9 | 2 | 8-3/4"-10 | 708 | 300 |
| 8 | 200 | 70 | 299.0 | 270 | 2 | 8-3/4"-10 | 805 | 300 |
| 10 | 250 | 70 | 362.0 | 323.8 | 2 | 12-7/8"-9 | 975 | 350 |
| 12 | 300 | 76 | 431.8 | 381.0 | 2 | 12-7/8"-9 | 1120 | 350 |
| 14 | 336 | 76 | 476.3 | 412.8 | 2 | 12-1"-8 | 1320 | 500 |
| 16 | 385 | 89 | 539.8 | 469.9 | 2 | 16-1"-8 | 1445 | 500 |
| 18 | 438 | 89 | 578.0 | 533.0 | 2 | 16-1 1/8"-7 | 1630 | 500 |
| 20 | 489 | 114 | 635.0 | 584.0 | 2 | 20-1 1/8"-7 | 1790 | 500 |
| 24 | 570 | 114 | 749.5 | 692.0 | 2 | 20-1 1/4"-7 | 2050 | 500 |

≥NPS26 , please contact manufacturer

Flange drilling: Class 150
 Size range: NPS2-NPS32
 Material: GGG40/Stainless steel/Special material



150LB

● Main dimensions

| NPS | d | L | D | S | f | N-M(UNC) | H |
|-------|-----|-----|-------|-------|---|-------------|------|
| 2 | 50 | 48 | 120.7 | 92.1 | 2 | 4-5/8"-11 | 415 |
| 2 1/2 | 65 | 48 | 139.7 | 104.8 | 2 | 4-5/8"-11 | 455 |
| 3 | 80 | 51 | 152.4 | 127.0 | 2 | 4-5/8"-11 | 496 |
| 4 | 100 | 51 | 190.5 | 157.0 | 2 | 8-5/8"-11 | 555 |
| 5 | 125 | 57 | 215.9 | 186.0 | 2 | 8-3/4"-10 | 655 |
| 6 | 150 | 57 | 241.3 | 215.9 | 2 | 8-3/4"-10 | 732 |
| 8 | 200 | 70 | 299.0 | 270 | 2 | 8-3/4"-10 | 885 |
| 10 | 250 | 70 | 362.0 | 323.8 | 2 | 12-7/8"-9 | 1060 |
| 12 | 300 | 76 | 431.8 | 381.0 | 2 | 12-7/8"-9 | 1220 |
| 14 | 336 | 76 | 476.3 | 412.8 | 2 | 12-1"-8 | 1458 |
| 16 | 385 | 89 | 539.8 | 469.9 | 2 | 16-1"-8 | 1620 |
| 18 | 438 | 89 | 578.0 | 533.0 | 2 | 16-1 1/8"-7 | 1765 |
| 20 | 489 | 114 | 635.0 | 584.0 | 2 | 20-1 1/8"-7 | 1925 |
| 24 | 570 | 114 | 749.5 | 692.0 | 2 | 20-1 1/4"-7 | 2265 |

≥NPS26 , please contact manufacturer

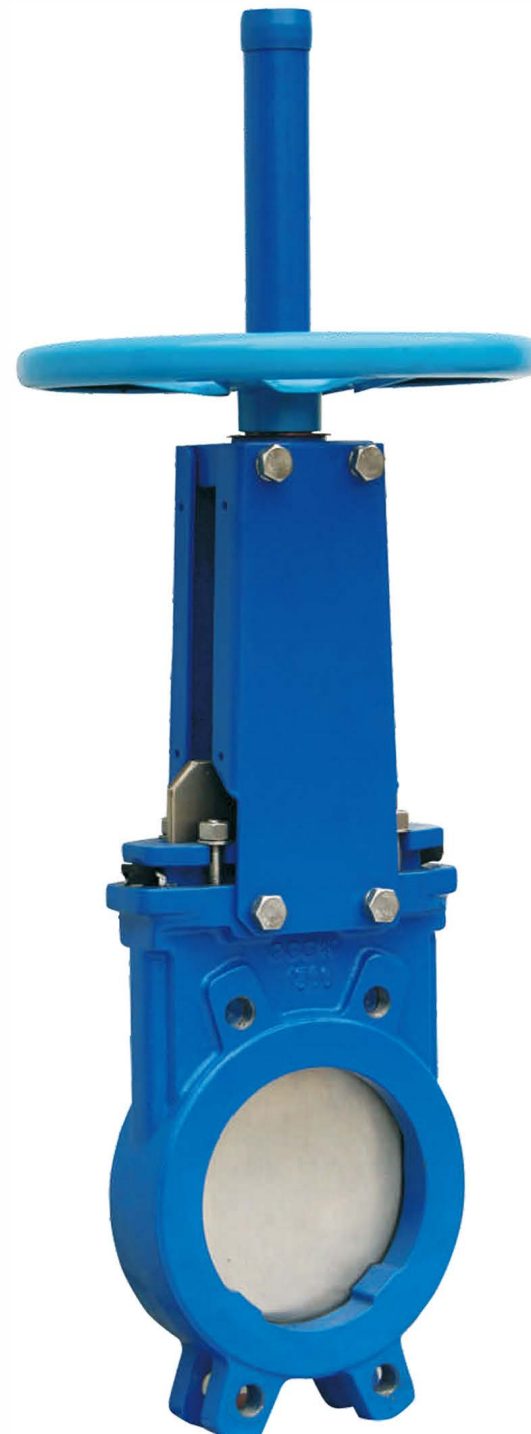
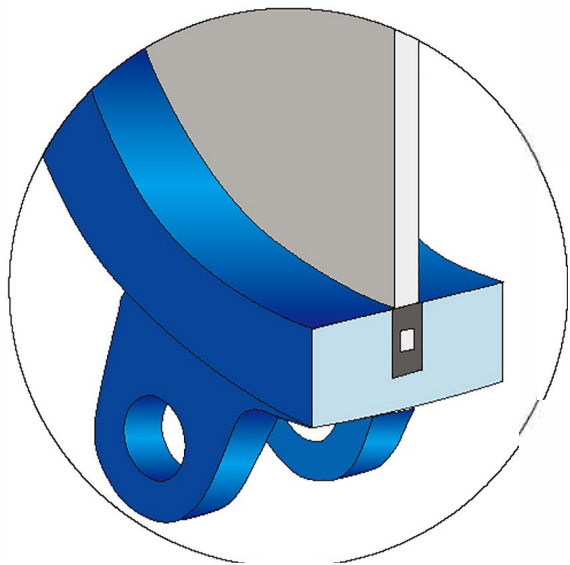
Flange drilling: PN10/150LB/JIS 10K/AS 2129

Material: GGG40

Operation: Manual, pneumatic, electric, hydraulic

Features

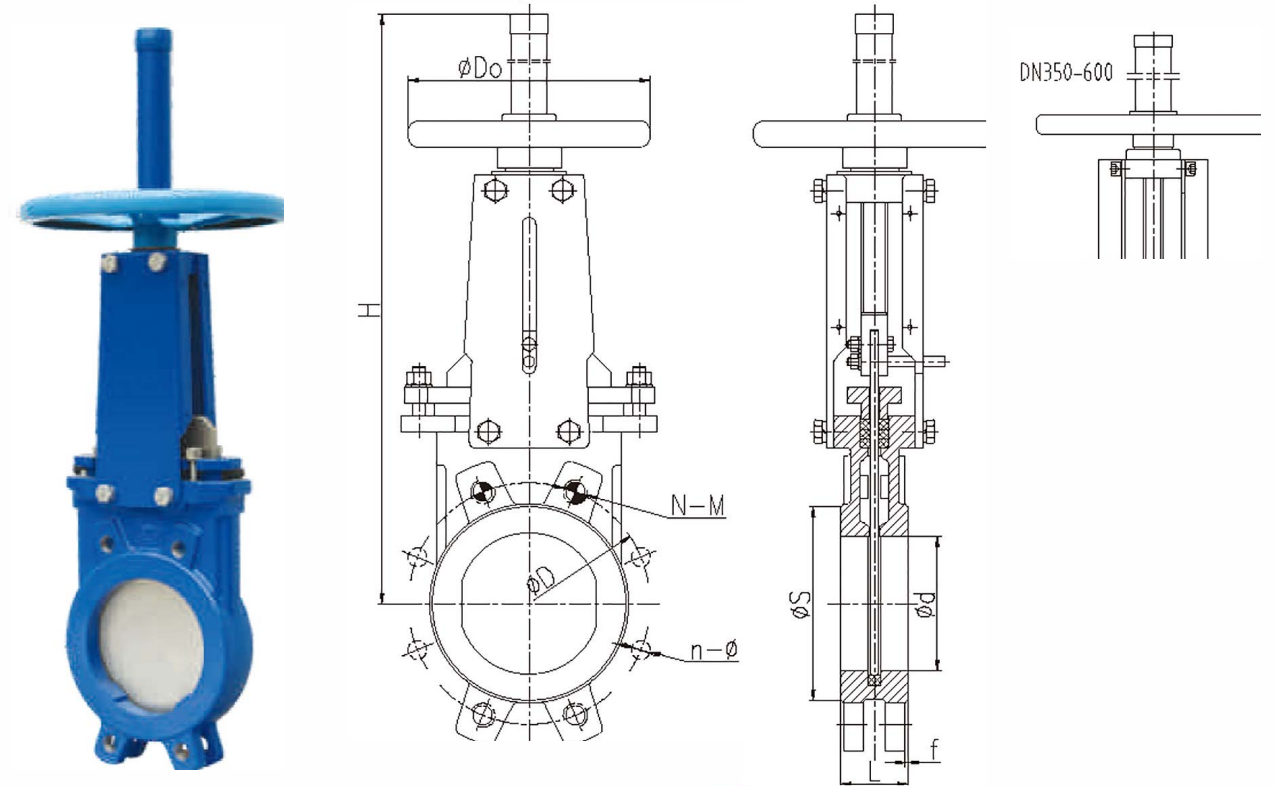
- Stem protector
- Indicator
- Monoblock
- U shape seat
- Support yoke
- Epoxy coating-Fusion bonded paint
- Sealing type



Flange drilling: PN10/150LB/JIS 10K/AS 2129

Size range: DN50-800

Material: GGG40



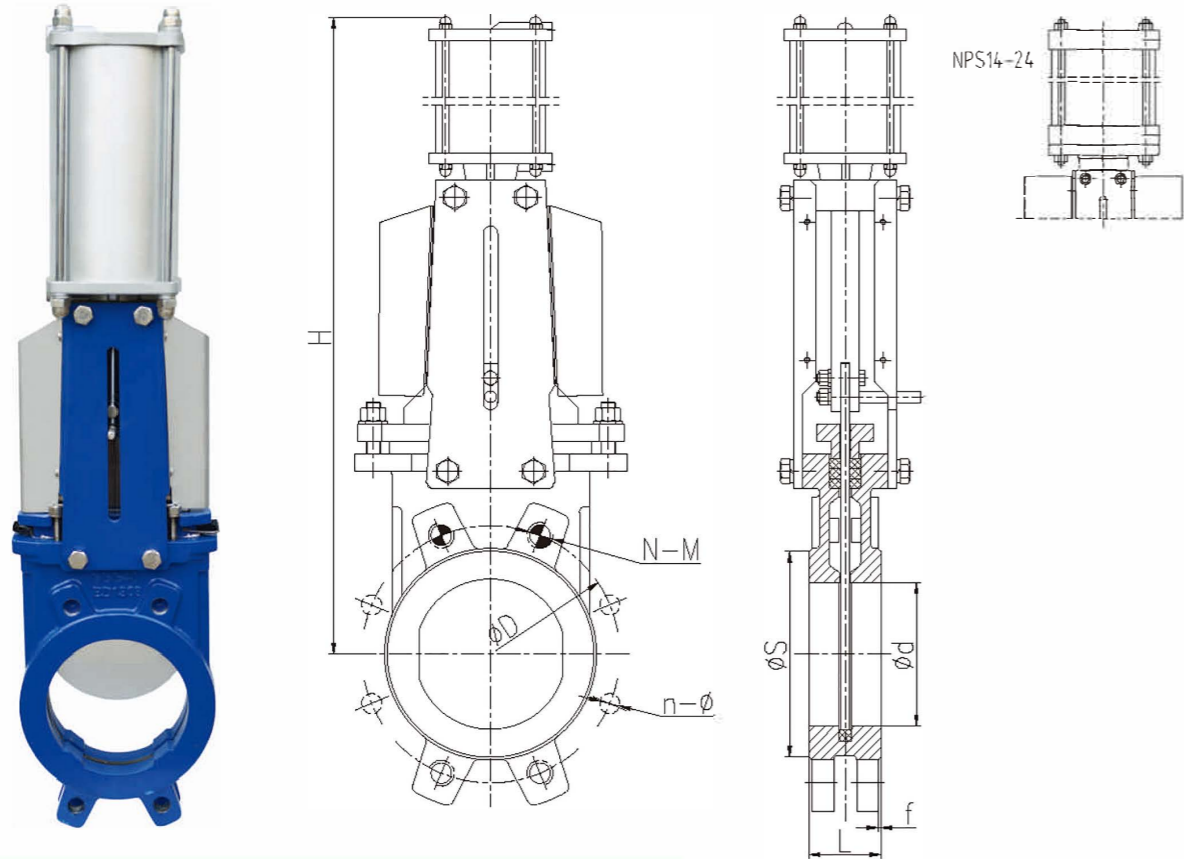
• Main dimensions

PN10

| DN | L | D | S | C | F | N-M | n-Ø | B | H | Do |
|-----|-----|-----|-----|----|---|--------|-------|-----|------|-----|
| 50 | 40 | 125 | 95 | 16 | 2 | 4-M16 | / | 136 | 375 | 180 |
| 65 | 40 | 145 | 110 | 16 | 2 | 4-M16 | / | 151 | 420 | 180 |
| 80 | 50 | 160 | 127 | 17 | 2 | 4-M16 | 4-Ø18 | 170 | 450 | 200 |
| 100 | 50 | 180 | 148 | 17 | 2 | 4-M16 | 4-Ø18 | 190 | 515 | 200 |
| 125 | 50 | 210 | 174 | 17 | 2 | 4-M20 | 4-Ø18 | 212 | 570 | 220 |
| 150 | 60 | 240 | 199 | 21 | 2 | 4-M16 | 4-Ø22 | 230 | 665 | 250 |
| 200 | 60 | 295 | 250 | 21 | 2 | 4-M20 | 4-Ø22 | 286 | 825 | 300 |
| 250 | 70 | 350 | 308 | 24 | 2 | 8-M20 | 4-Ø22 | 338 | 1000 | 350 |
| 300 | 70 | 400 | 360 | 24 | 2 | 8-M20 | 4-Ø22 | 388 | 1155 | 350 |
| 350 | 96 | 460 | 416 | 33 | 2 | 10-M20 | 6-Ø22 | 460 | 1310 | 400 |
| 400 | 100 | 515 | 466 | 35 | 2 | 10-M24 | 6-Ø26 | 520 | 1475 | 500 |

≥DN450, please contact manufacturer

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: DN50-DN800
 Material: GGG40



● Main dimensions

PN10

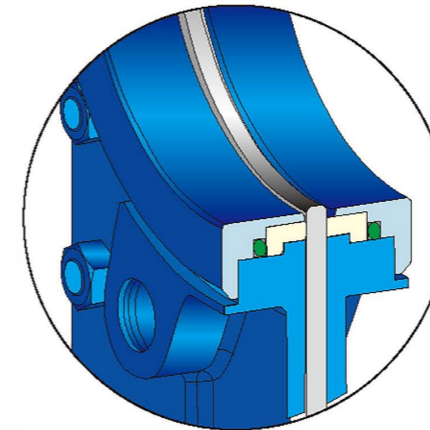
| DN | L | D | S | C | f | N-M | n-φ | B | H |
|-----|-----|-----|-----|----|---|--------|-------|-----|------|
| 50 | 40 | 125 | 95 | 16 | 2 | 4-M16 | / | 136 | 430 |
| 65 | 40 | 145 | 110 | 16 | 2 | 4-M16 | / | 151 | 460 |
| 80 | 50 | 160 | 127 | 17 | 2 | 4-M16 | 4-φ18 | 170 | 510 |
| 100 | 50 | 180 | 148 | 17 | 2 | 4-M16 | 4-φ18 | 190 | 570 |
| 125 | 50 | 210 | 174 | 17 | 2 | 4-M16 | 4-φ18 | 212 | 660 |
| 150 | 60 | 240 | 199 | 21 | 2 | 4-M20 | 4-φ22 | 230 | 720 |
| 200 | 60 | 295 | 250 | 21 | 2 | 4-M20 | 4-φ22 | 286 | 890 |
| 250 | 70 | 350 | 308 | 24 | 2 | 8-M20 | 4-φ22 | 338 | 1120 |
| 300 | 70 | 400 | 360 | 24 | 2 | 8-M20 | 4-φ22 | 388 | 1230 |
| 350 | 96 | 460 | 416 | 33 | 2 | 10-M20 | 6-φ22 | 460 | 1370 |
| 400 | 100 | 515 | 466 | 35 | 2 | 10-M24 | 6-φ26 | 520 | 1570 |

≥DN450, please contact manufacturer

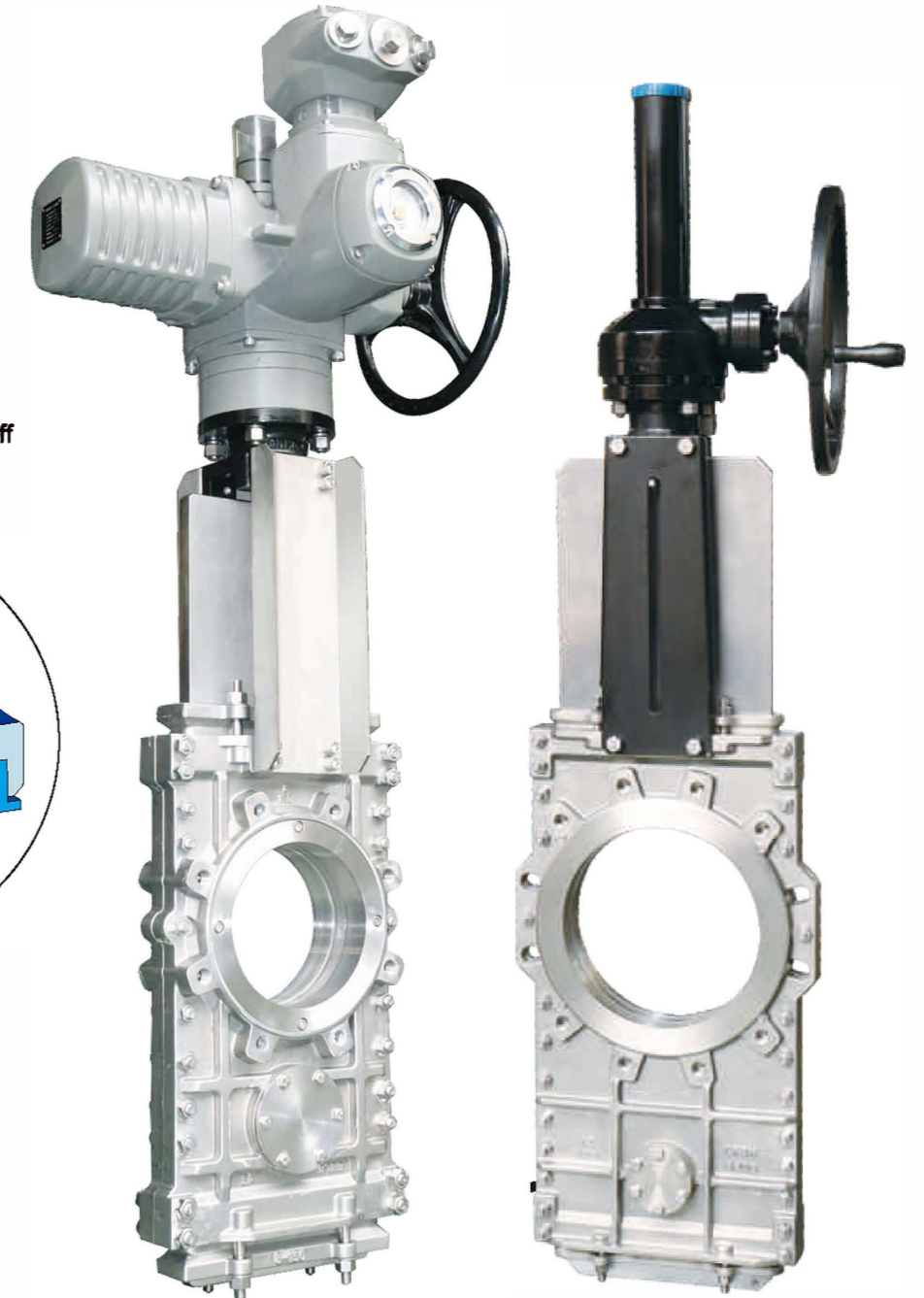
Flange drilling: PN10/150LB/10K/AS 2129
 Material: GGG40/CF8/CF8M/ALLOY
 Operation: Manual, pneumatic, electric, hydraulic

FEATURES

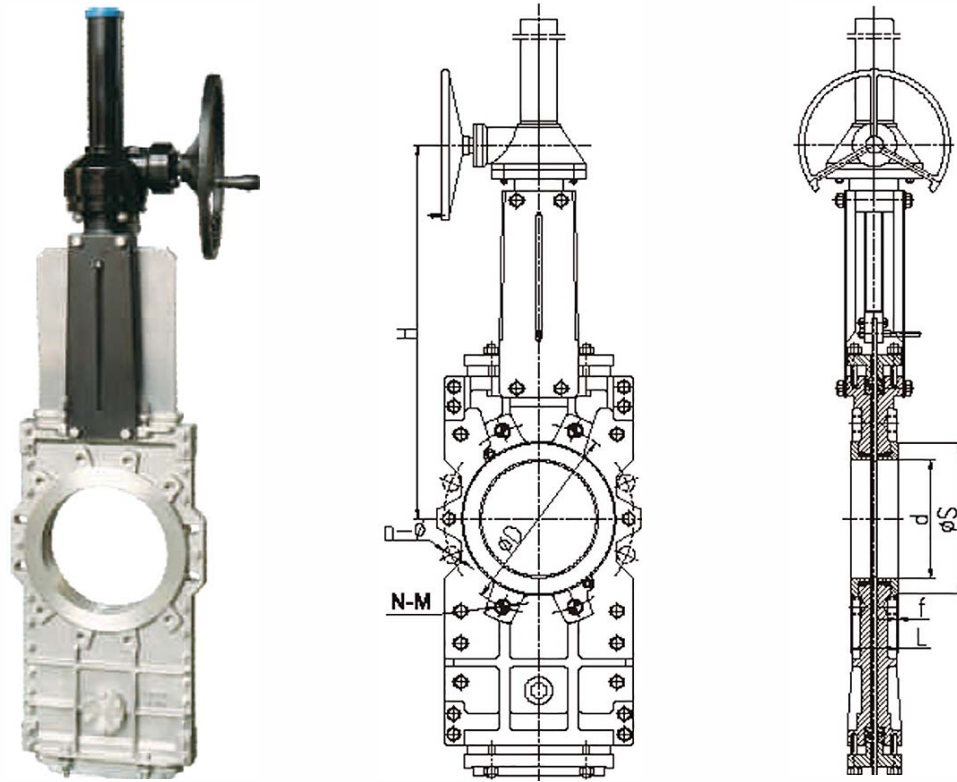
- Split Body
- Through-going knife
- High performance seat structure
- Bi-directional zero Leakage shut-off



PTFE



Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: DN100-DN800
 Material: Stainless steel/WCB/GGG40



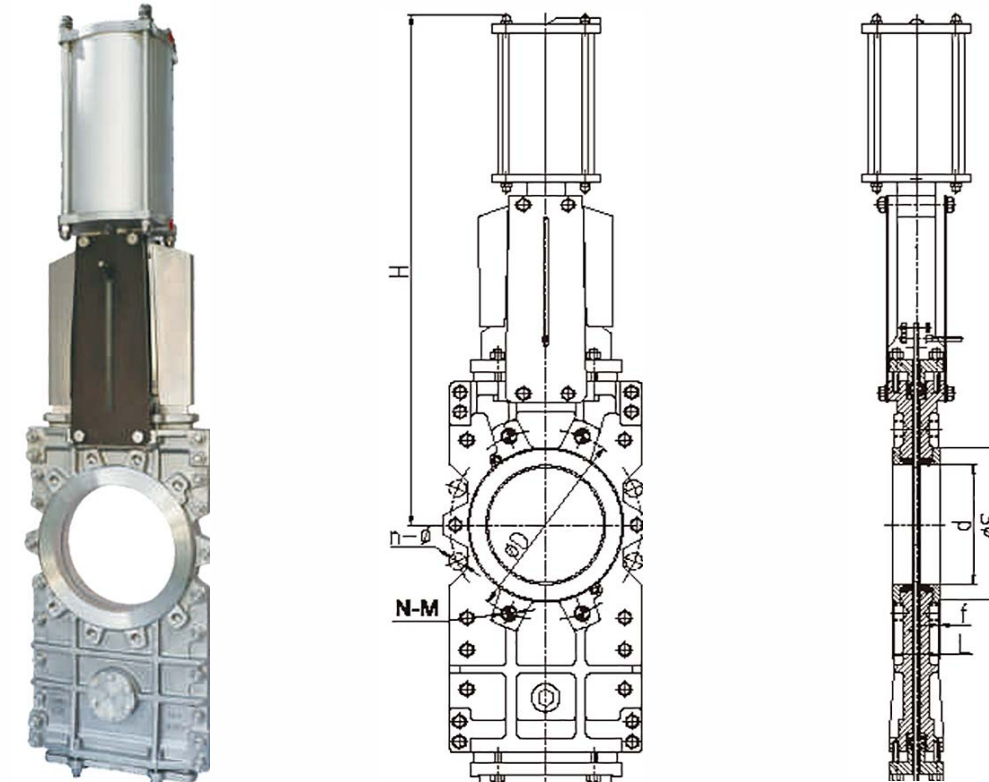
● Main dimensions

PN10

| DN | d | L | D | S | f | N-M | B-Ø | H |
|-----|-----|----|-----|-----|---|--------|-------|------|
| 100 | 100 | 51 | 180 | 153 | 2 | 4-M16 | 4-Ø18 | 456 |
| 125 | 125 | 57 | 210 | 182 | 2 | 4-M16 | 4-Ø18 | 496 |
| 150 | 150 | 57 | 240 | 216 | 2 | 4-M20 | 4-Ø22 | 552 |
| 200 | 200 | 70 | 296 | 270 | 2 | 4-M20 | 4-Ø22 | 645 |
| 250 | 250 | 70 | 350 | 324 | 2 | 8-M20 | 4-Ø22 | 765 |
| 300 | 300 | 78 | 400 | 381 | 2 | 8-M20 | 4-Ø22 | 870 |
| 350 | 336 | 78 | 460 | 413 | 2 | 12-M20 | 4-Ø22 | 983 |
| 400 | 385 | 89 | 515 | 489 | 2 | 12-M24 | 4-Ø27 | 1098 |

≥DN450, please contact manufacture

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: NPS2-NPS24
 Material: Stainless steel/WCB/GGG40



● Main dimensions

150LB

| NPS | d | L | D | S | f | N-M (UNC) | B-Ø | H |
|-----|-----|----|-------|-----|---|-----------|-------|------|
| 4 | 100 | 51 | 190.5 | 153 | 2 | 4-5/8"-11 | 4-Ø18 | 500 |
| 6 | 125 | 57 | 215.9 | 182 | 2 | 4-3/4"-10 | 4-Ø22 | 570 |
| 6 | 150 | 57 | 241.3 | 216 | 2 | 4-3/4"-10 | 4-Ø22 | 665 |
| 8 | 200 | 70 | 298.5 | 270 | 2 | 4-3/4"-10 | 4-Ø22 | 810 |
| 10 | 250 | 70 | 362.0 | 324 | 2 | 8-7/8"-8 | 4-Ø26 | 970 |
| 12 | 300 | 78 | 431.8 | 381 | 2 | 8-7/8"-8 | 4-Ø28 | 1125 |
| 14 | 336 | 78 | 476.3 | 413 | 2 | 8-1"-8 | 4-Ø28 | 1280 |
| 18 | 385 | 89 | 539.8 | 489 | 2 | 12-1"-8 | 4-Ø29 | 1435 |

≥NPS18, please contact manufacture

Flange drilling: PN10/150LB/JIS 10K/AS 2129

Material: GGG40/CF8/CF8M/ALLOY

Operation: Manual, pneumatic, electric, hydraulic

Features

- Bidirectional
- Split Body
- Flatness knife
- Light torque
- Support yoke
- Epoxy coating-Fusion bonded paint
- Sealing type

• The maintenance-free compact cross seal (double seal lips profile) guarantees tight shutoff and can be adjusted without interrupting the working process.

• The self-cleaning effect is achieved by flush-out corners in the body and the cutting edge underneath the gate. Solids and fibres are cut by the cutting edge before tightening is done against the elastic seat.

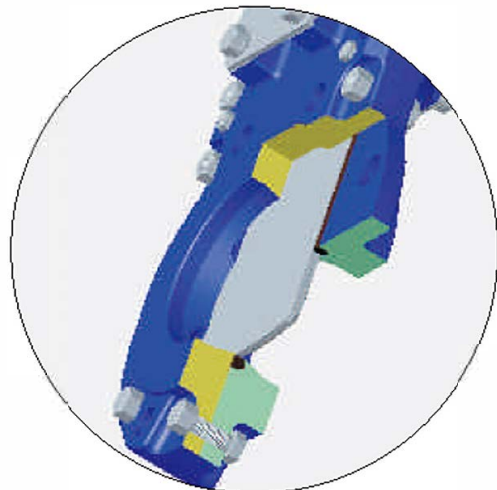
The guidance of the gate is interrupted on stroke length, thus dirt can be ejected.

• Bidirectional shutoff is achieved by the lateral gate surfaces and elastic seat which is integrated in the body.

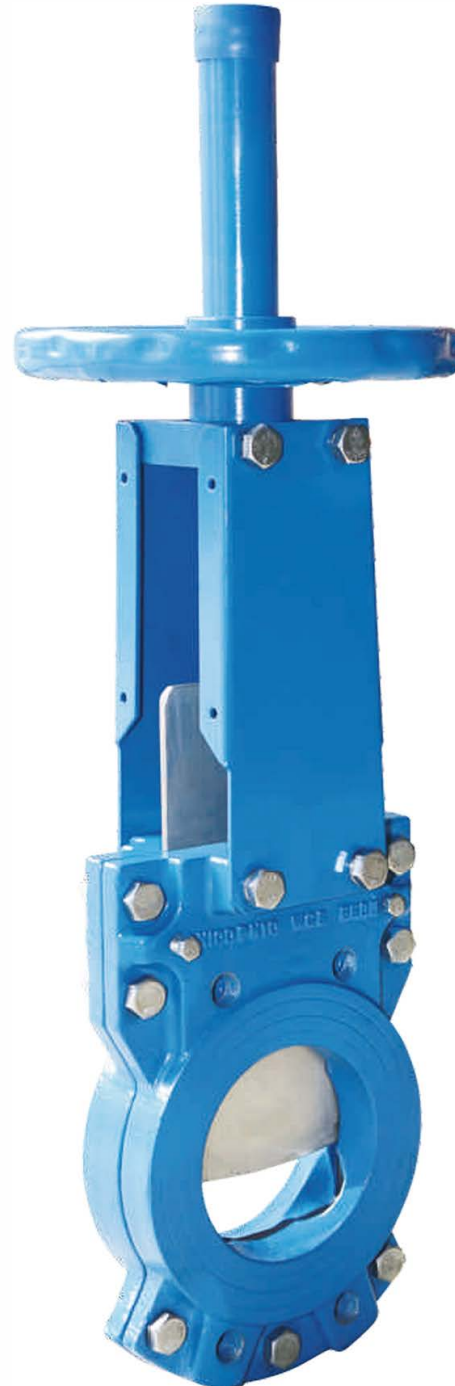
The seat is chambered and prestressed mounted.

The high finish of the guide- and sealing surface at both sides guarantees long service and tight shutoff.

The lateral guidance of the gate prevents the gate from fluttering in either of the flow directions or in throttle positions.



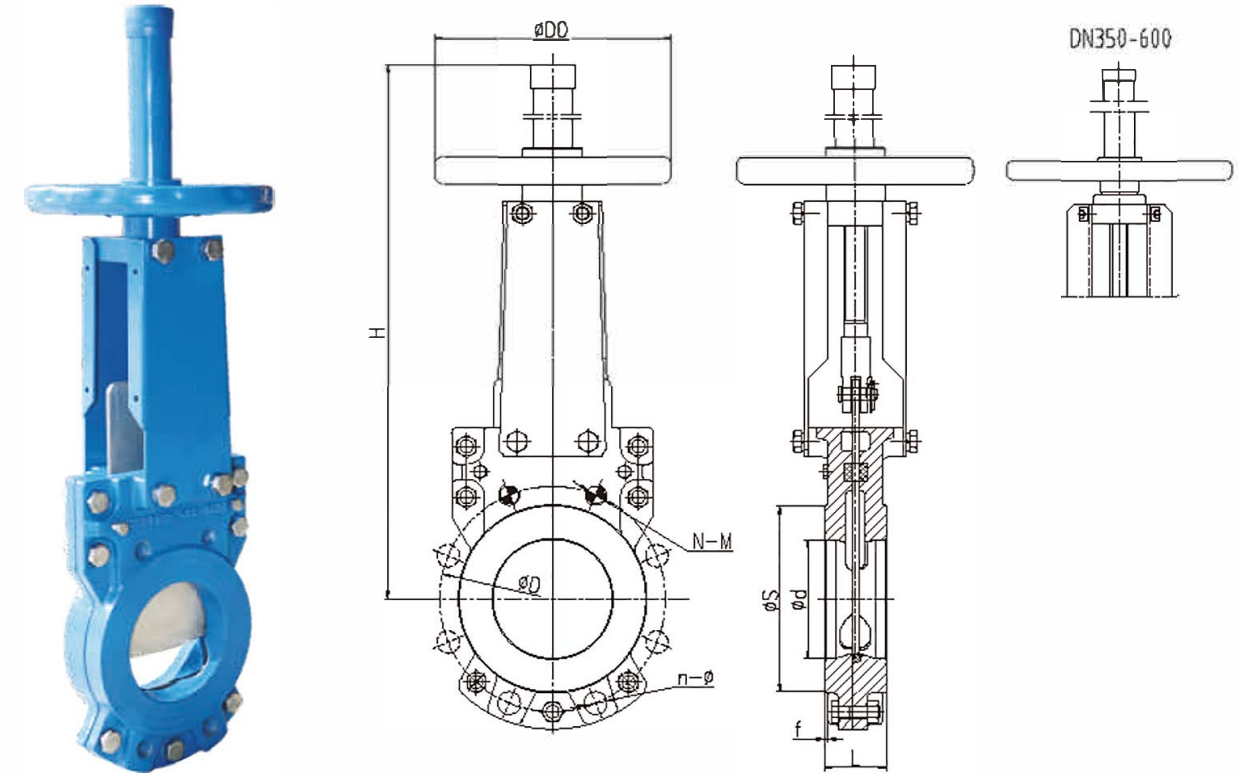
Rubber seat



Flange drilling: PN10/150LB/JIS 10K/AS 2129

Size range: DN50-DN800

Material: Stainless steel/GGG40/WCB



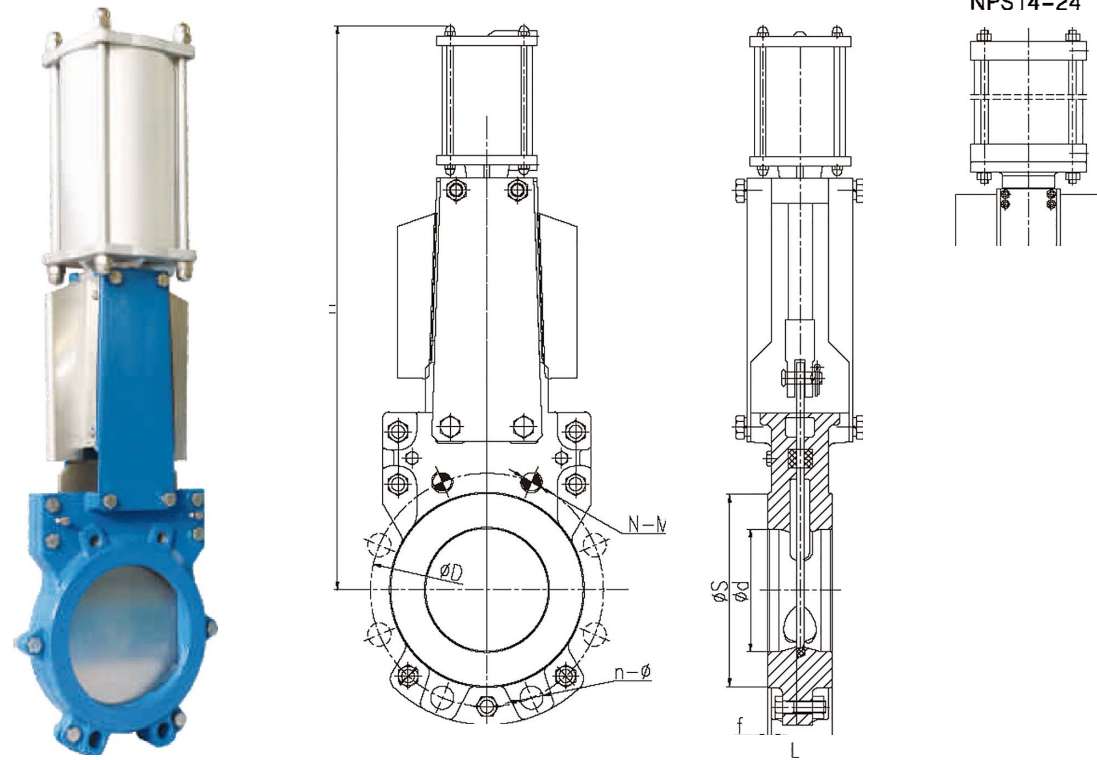
Main dimensions

PN10

| DN | d | L | D | S | f | N-M | n-φ | Do | H |
|-----|-----|-----|-----|------|---|-------|--------|-----|------|
| 50 | 50 | 43 | 125 | 92.1 | 2 | 2-M16 | 2-φ18 | 200 | 413 |
| 85 | 83 | 48 | 145 | 105 | 2 | 2-M16 | 2-φ18 | 200 | 435 |
| 80 | 76 | 48 | 160 | 127 | 2 | 2-M16 | 6-φ18 | 200 | 485 |
| 100 | 100 | 52 | 180 | 157 | 2 | 2-M16 | 6-φ18 | 200 | 504 |
| 125 | 125 | 58 | 210 | 176 | 2 | 2-M16 | 6-φ18 | 300 | 585 |
| 150 | 150 | 57 | 240 | 192 | 2 | 2-M20 | 6-φ22 | 300 | 715 |
| 200 | 200 | 60 | 295 | 258 | 2 | 2-M20 | 6-φ22 | 300 | 809 |
| 250 | 250 | 70 | 350 | 312 | 2 | 4-M20 | 8-φ22 | 350 | 997 |
| 300 | 300 | 78 | 400 | 356 | 2 | 4-M20 | 8-φ22 | 350 | 1085 |
| 350 | 336 | 78 | 460 | 411 | 2 | 8-M20 | 10-φ22 | 500 | 1277 |
| 400 | 387 | 102 | 515 | 460 | 2 | 6-M24 | 10-φ26 | 500 | 1350 |

≥DN450, please contact manufacture

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: NPS2-NPS32
 Material: Stainless steel/GGG40/WCB



150LB

| NPS | d | L | D | S | f | N-M(UNC) | n-Φ | |
|-----|-----|-----|-------|------|---|-----------|--------|------|
| 2 | 50 | 43 | 120.7 | 92.1 | 2 | 2-5/8"-11 | 2-Φ19 | 405 |
| 2.5 | 63 | 46 | 145 | 105 | 2 | 2-5/8"-11 | 2-Φ19 | 440 |
| 3 | 76 | 46 | 152.4 | 127 | 2 | 2-5/8"-11 | 2-Φ19 | 482 |
| 4 | 100 | 52 | 190.5 | 157 | 2 | 2-5/8"-11 | 6-Φ19 | 543 |
| 5 | 125 | 56 | 215.9 | 176 | 2 | 2-3/4"-10 | 6-Φ22 | 630 |
| 6 | 150 | 56 | 241.3 | 192 | 2 | 2-3/4"-10 | 6-Φ22 | 717 |
| 8 | 200 | 60 | 298.5 | 258 | 2 | 2-3/4"-10 | 6-Φ22 | 879 |
| 10 | 250 | 68 | 362 | 312 | 2 | 4-7/8"-9 | 8-Φ26 | 1033 |
| 12 | 300 | 78 | 431.8 | 356 | 2 | 4-7/8"-9 | 8-Φ26 | 1170 |
| 14 | 336 | 78 | 476.3 | 411 | 2 | 4-1"-8 | 8-Φ29 | 1398 |
| 16 | 387 | 102 | 539.8 | 460 | 2 | 6-1"-8 | 10-Φ29 | 1525 |

≥NPS18, please contact manufacturer

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Material: GGG40/CF8/CF8M/ALLOY
 Operation: Manual, pneumatic, electric, hydraulic

Features

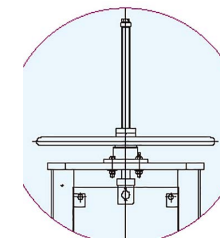
- 100% Isolation, bubble-tight shut-off results in absolutely zero downstream leakage
- Double seated, bidirectional flow and shut off
- No seat cavity where solids can collect
- No metal parts in contact with the flowing slurry
- Adaptable frame(Support yoke), can be modified to an air cylinder or bevel gear in field without welding.
- Open-closed lockout brackets for each size
- Long lasting lubrication

TECHINICAL DATA

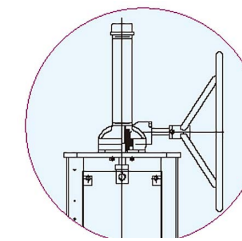
Size 2"-16" Working pressure 150psi
 Size 18"-28" Working pressure 90psi
 Seat material: Natural gum rubber as standard, optional EPDM.
 Knife material:SS316 as standard
 Working temperature: NR 70°C , EPDM 110°C
 Bigger size, please contact manufacturer.



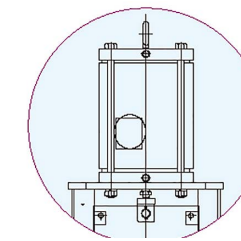
Driven way



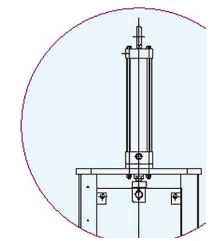
Handwheel



Bevel Gear



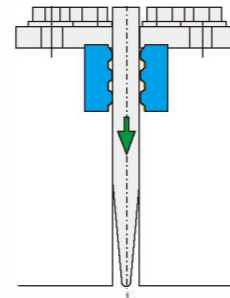
Air cylinder



Hydraulic actuator

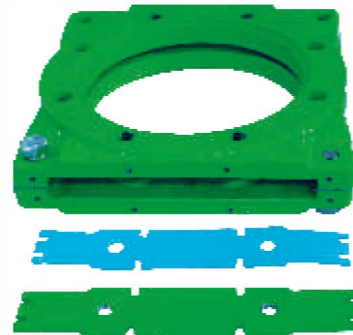
SECONDARY SEAL

- Molded elastomer secondary seal
- Eliminates any leakage between knife and top of valve body in any orientation
- Use to lubricate the gate
- The seal is replaceable and can be changed while the valve is in the line



SPLASH CONTROL

- Designed a drain plate at base of valve body
- Splash control is on optional -Drain plate



OPEN POSITION

- Gate positioned above seals
- Tight fit between sleeves and the internal sleeve profile contain the line pressure
- Metal parts not in contact with slurry
- Unobstructed port area eliminates turbulence, minimizes pressure drop across valve
- No seat cavity where solids can collect and prevent full gate closure

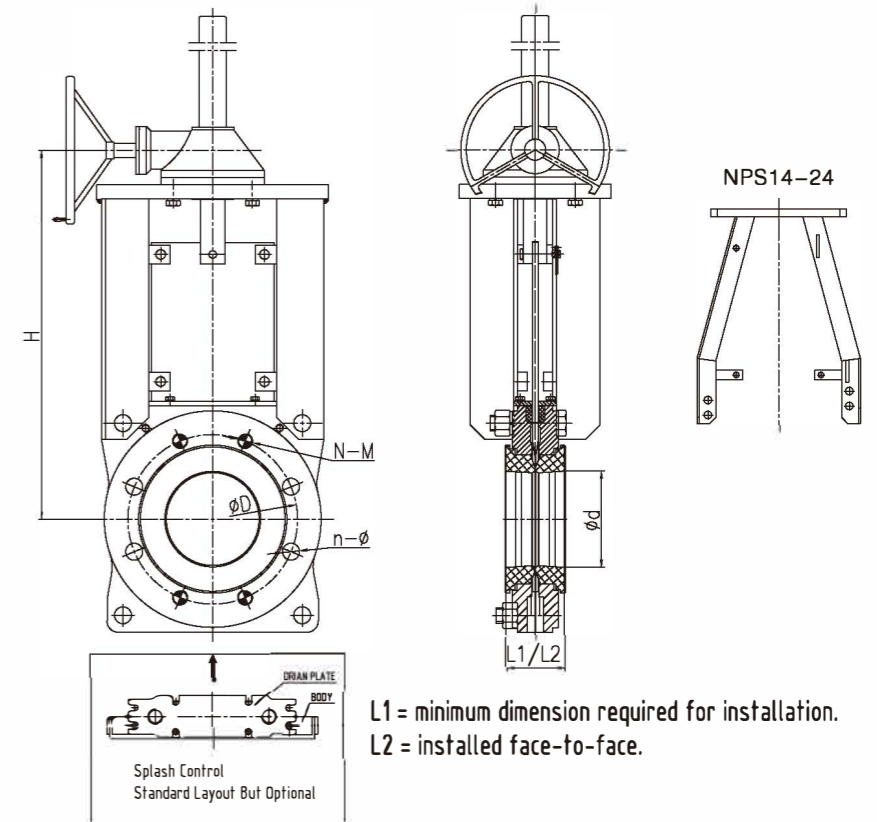


CLOSED POSITION

- Gate travels through sleeves to provide blind flange shut off and expel solids allowing complete closure
- 100 % Isolation-bubble tight shut-off
- Controlled stroke prevents gate from penetrating too far, minimize stress on sleeves.



Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: NPS2-NPS32
 Material: GGG40/CF8/CF8M/ALLOY



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

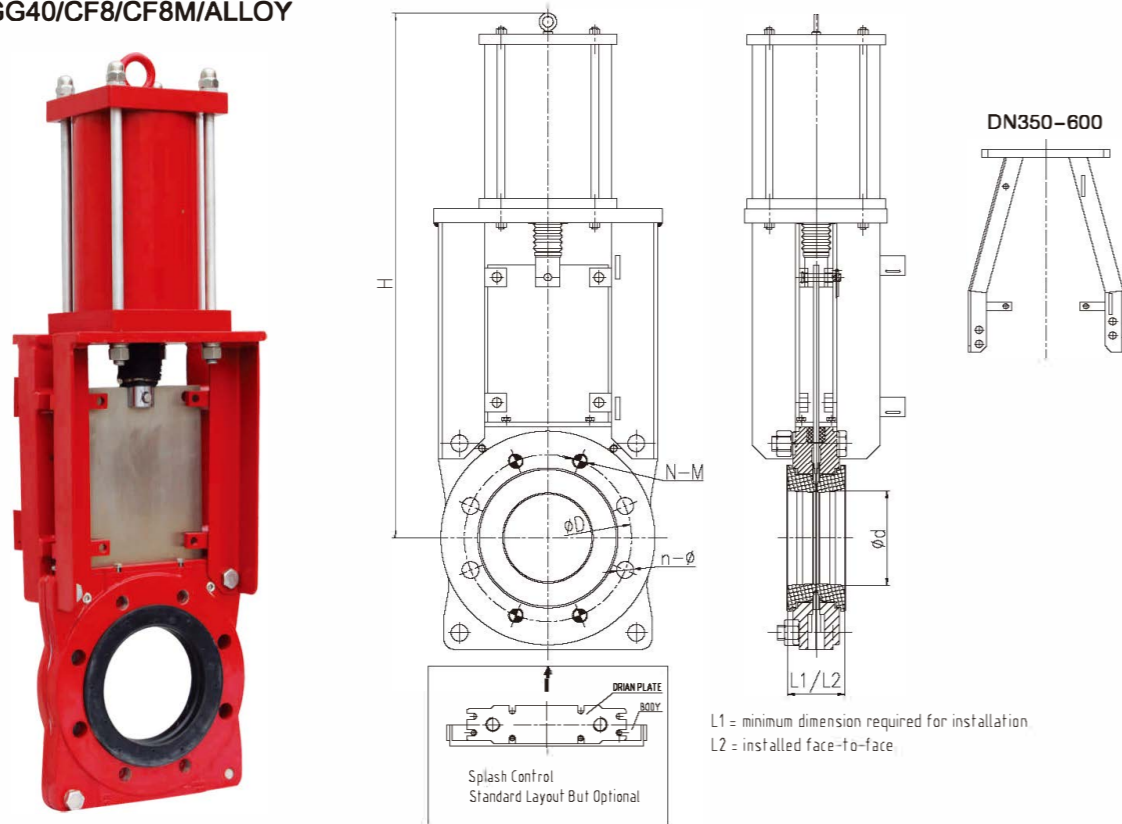
• Main dimensions

150Lb

| NPS | d | L1 | L2 | ΦD | N-M(UNC) | n-Φ | H |
|-------|-----|-----|------|-------|-------------|-------|------|
| 2 | 51 | 57 | 54 | 120.7 | 4-5/8"-11 | / | 325 |
| 2 1/2 | 64 | 57 | 54 | 139.7 | 4-5/8"-11 | / | 360 |
| 3 | 76 | 62 | 57 | 152.4 | 4-5/8"-11 | / | 397 |
| 4 | 102 | 62 | 57 | 190.5 | 4-5/8"-11 | 4-Φ19 | 445 |
| 5 | 127 | 65 | 60 | 215.9 | 4-3/4"-10 | 4-Φ22 | 490 |
| 6 | 154 | 68 | 63.5 | 241.3 | 4-3/4"-10 | 4-Φ22 | 550 |
| 8 | 204 | 81 | 76 | 298.5 | 4-3/4"-10 | 4-Φ22 | 631 |
| 10 | 254 | 83 | 79 | 362 | 8-7/8"-9 | 4-Φ26 | 738 |
| 12 | 296 | 89 | 83 | 432 | 8-7/8"-9 | 4-Φ26 | 865 |
| 14 | 344 | 89 | 83 | 476.3 | 8-1"-8 | 4-Φ29 | 950 |
| 16 | 390 | 102 | 95 | 540 | 12-1"-8 | 4-Φ29 | 1101 |
| 18 | 438 | 103 | 96 | 577.9 | 12-1 1/8"-7 | 4-Φ32 | 1267 |
| 20 | 492 | 131 | 121 | 635 | 16-1 1/8"-7 | 4-Φ32 | 1305 |
| 24 | 590 | 132 | 121 | 749.3 | 16-1 1/4"-7 | 4-Φ35 | 1480 |

≥NPS26 , please contact manufacturer

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: DN50-DN800
 Material: GGG40/CF8/CF8M/ALLOY



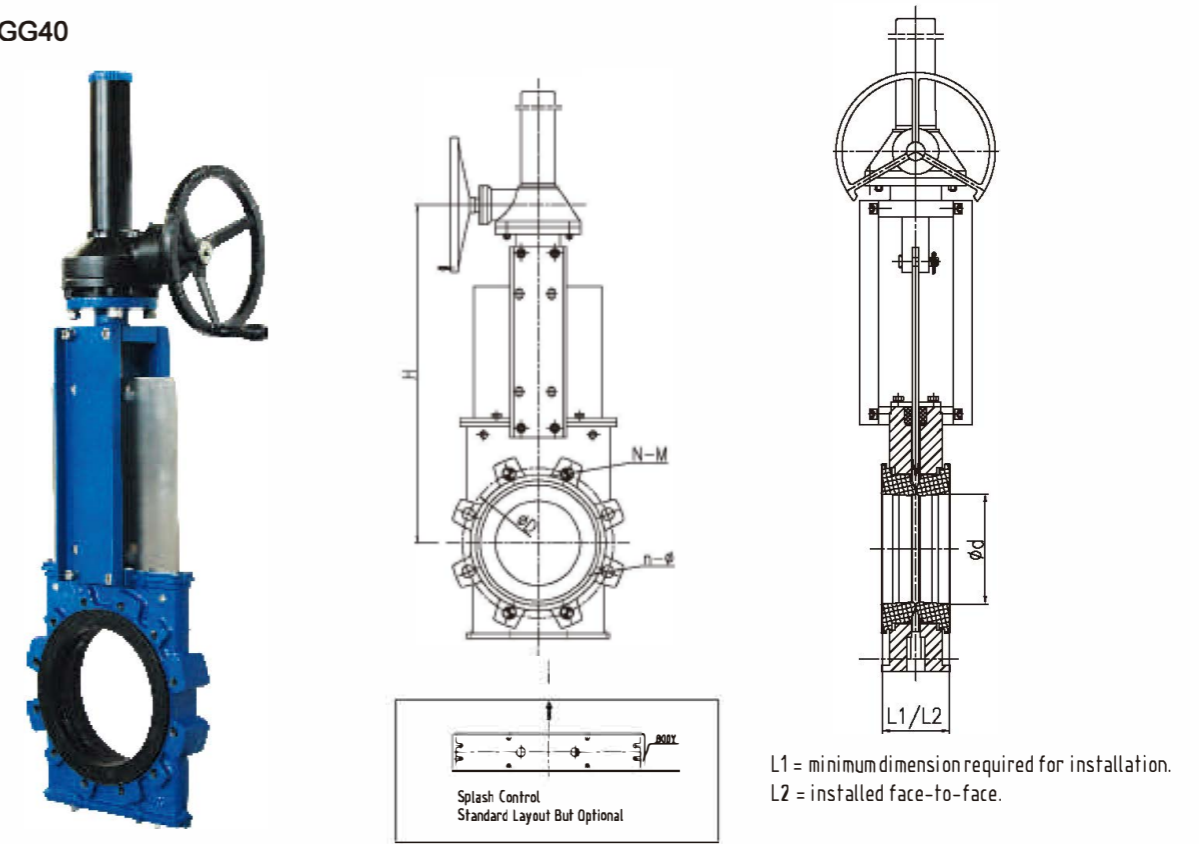
● Main dimensions

PN10

| DN | d | L1 | L2 | D | N-M | n-Φ | H |
|-----|-----|-----|------|-----|--------|-------|------|
| 50 | 51 | 57 | 54 | 125 | 4-M16 | / | 455 |
| 65 | 64 | 57 | 54 | 145 | 4-M16 | / | 492 |
| 80 | 76 | 62 | 57 | 160 | 4-M16 | 4-Φ18 | 570 |
| 100 | 102 | 62 | 57 | 180 | 4-M16 | 4-Φ18 | 656 |
| 125 | 127 | 65 | 60 | 210 | 4-M16 | 4-Φ18 | 731 |
| 150 | 154 | 68 | 63.5 | 240 | 4-M20 | 4-Φ22 | 821 |
| 200 | 204 | 81 | 76 | 295 | 8-M20 | / | 955 |
| 250 | 254 | 83 | 79 | 350 | 8-M20 | 4-Φ22 | 1140 |
| 300 | 296 | 89 | 83 | 400 | 8-M20 | 4-Φ22 | 1317 |
| 350 | 344 | 89 | 83 | 460 | 12-M20 | 4-Φ22 | 1490 |
| 400 | 390 | 102 | 95 | 515 | 12-M24 | 4-Φ26 | 1670 |
| 450 | 438 | 103 | 96 | 565 | 16-M24 | 4-Φ26 | 1840 |
| 500 | 492 | 131 | 121 | 620 | 16-M24 | 4-Φ26 | 1945 |
| 600 | 590 | 132 | 121 | 725 | 16-M27 | 4-Φ30 | 2225 |

≥DN650 , please contact manufacture

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: DN50-DN800
 Material: GGG40



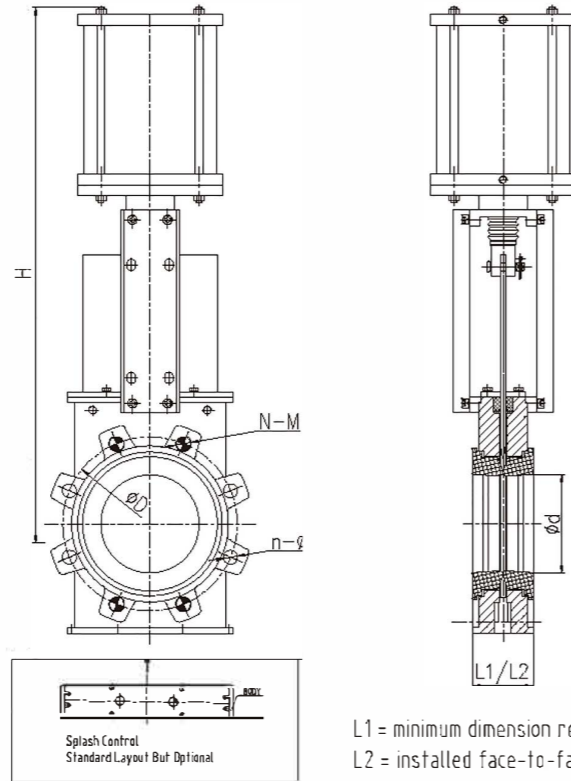
● Main dimensions

PN10

| DN | d | L1 | L2 | D | N-M | n-Φ | H |
|-----|-----|-----|------|-----|--------|-------|------|
| 50 | 51 | 57 | 54 | 125 | 4-M16 | / | / |
| 65 | 64 | 57 | 54 | 145 | 4-M16 | / | / |
| 80 | 76 | 62 | 57 | 160 | 4-M16 | 4-Φ18 | 397 |
| 100 | 102 | 62 | 57 | 180 | 8-M16 | / | 440 |
| 125 | 127 | 65 | 60 | 210 | 8-M16 | / | 490 |
| 150 | 154 | 68 | 63.5 | 240 | 8-M20 | / | 550 |
| 200 | 204 | 81 | 76 | 295 | 8-M20 | / | 631 |
| 250 | 254 | 83 | 79 | 350 | 12-M20 | / | 738 |
| 300 | 296 | 89 | 83 | 400 | 12-M20 | / | 865 |
| 350 | 344 | 89 | 83 | 460 | 16-M20 | / | 950 |
| 400 | 390 | 102 | 95 | 515 | 12-M24 | 4-Φ26 | 1095 |
| 450 | 438 | 103 | 96 | 565 | 16-M24 | 4-Φ26 | 1267 |
| 500 | 492 | 131 | 121 | 620 | 16-M24 | 4-Φ26 | 1320 |
| 600 | 590 | 132 | 121 | 725 | 16-M27 | 4-Φ30 | 1495 |

≥DN650 , please contact manufacture

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: NPS2-NPS32
 Material: GGG40



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

• **Main dimensions**

150LB

| NPS | d | L1 | L2 | ΦD | N-M(UNC) | n-Φ | H |
|-------|-----|-----|------|-------|-------------|-------|------|
| 2 | 51 | 57 | 54 | 120.7 | 4-5/8"-11 | / | 455 |
| 2 1/2 | 64 | 57 | 54 | 139.7 | 4-5/8"-11 | / | 492 |
| 3 | 76 | 62 | 57 | 152.4 | 4-5/8"-11 | / | 570 |
| 4 | 102 | 62 | 57 | 190.5 | 4-5/8"-11 | 4-Φ19 | 656 |
| 5 | 127 | 65 | 60 | 215.9 | 4-3/4"-10 | 4-Φ22 | 731 |
| 6 | 154 | 68 | 63.5 | 241.3 | 4-3/4"-10 | / | 821 |
| 8 | 204 | 81 | 76 | 298.5 | 4-3/4"-10 | / | 955 |
| 10 | 254 | 83 | 79 | 362 | 12-7/8"-9 | / | 1140 |
| 12 | 296 | 89 | 83 | 432 | 12-7/8"-9 | / | 1342 |
| 14 | 344 | 89 | 83 | 476.3 | 12-1"-8 | / | 1490 |
| 16 | 390 | 102 | 95 | 540 | 12-1"-8 | 4-Φ29 | 1670 |
| 18 | 438 | 103 | 96 | 578 | 12-1 1/8"-7 | 4-Φ32 | 1910 |
| 20 | 492 | 131 | 121 | 635 | 16-1 1/8"-7 | 4-Φ32 | 2010 |
| 24 | 590 | 132 | 121 | 749.3 | 16-1 1/4"-7 | 4-Φ35 | 2295 |

≥NPS26" , please contact manufacturer

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Material: GGG40/CF8/CF8M/ALLOY
 Operation: Manual, pneumatic, electric, hydraulic

Features

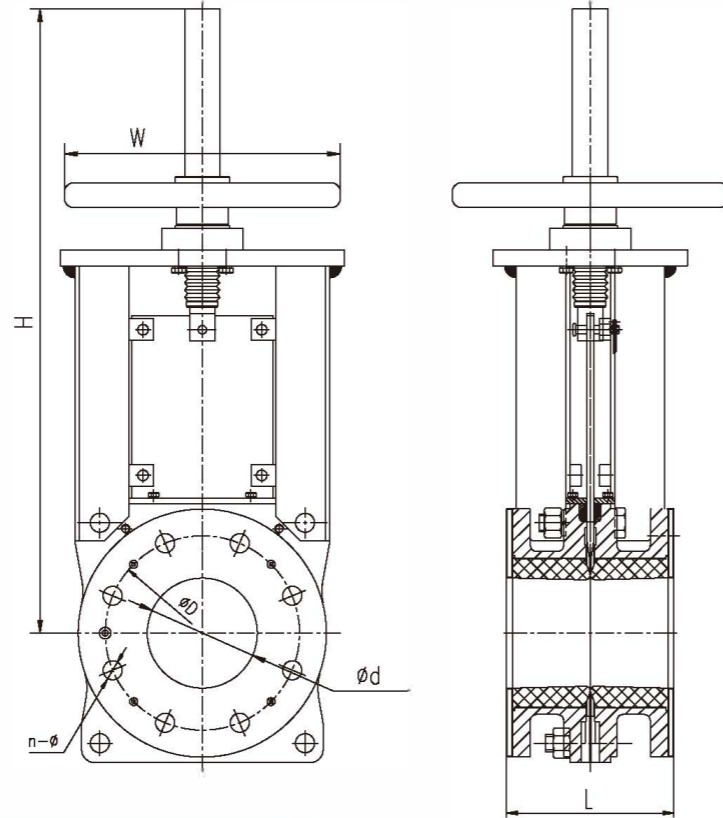
- Valve meets abrasion, corrosion working condition
- Flange ends
- Removable sleeves
- Open-closed lockout brackets for each size
- Dust cover as a standard available at pneumatic or hydraulic operation
- Epoxy powder coating-Fusion bonded paint

Technical Data

Size 2"-24" Working pressure 100psi
 Size 26" above Working pressure 75psi
 Knife material:SS316 as standard
 Seat material: Natural gum rubber as standard, optional EPDM.
 Working temperature: NR 70°C , EPDM 110°C
 Bigger size, please contact manufacturer.



Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: DN50-DN1000
 Material: GGG40/CF8/CF8M/ALLOY



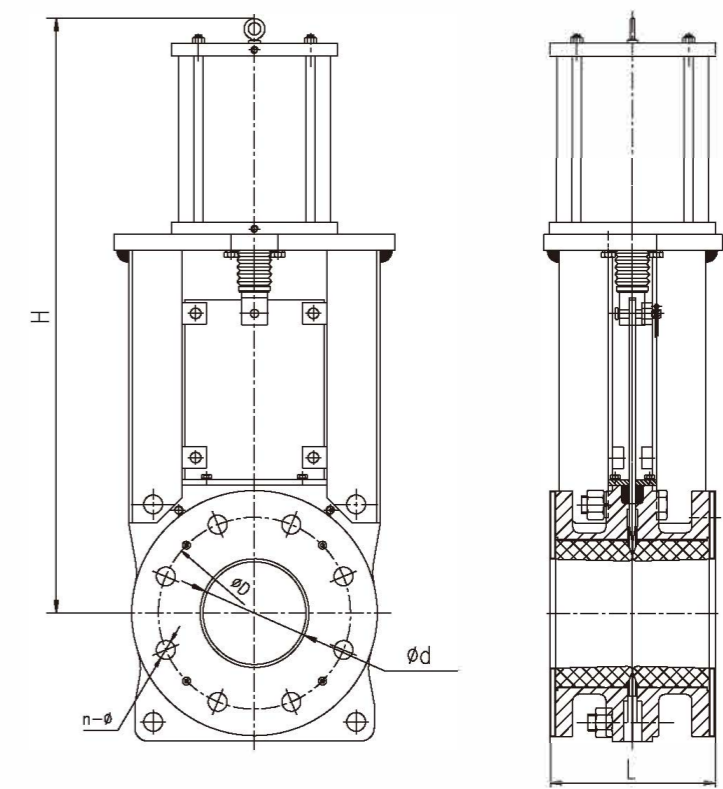
PN10

● Main dimensions

| DN | ϕd | L | D | n- ϕ | W | H |
|-----|----------|-----|-----|---------------|------------|------|
| 50 | 51 | 175 | 125 | 4- $\phi 18$ | $\phi 300$ | 405 |
| 65 | 60 | 175 | 145 | 4- $\phi 18$ | $\phi 300$ | 450 |
| 80 | 71 | 175 | 160 | 8- $\phi 18$ | $\phi 300$ | 515 |
| 100 | 98.5 | 175 | 180 | 8- $\phi 18$ | $\phi 300$ | 597 |
| 125 | 122 | 178 | 210 | 8- $\phi 18$ | $\phi 300$ | 650 |
| 150 | 148 | 178 | 240 | 8- $\phi 22$ | $\phi 400$ | 770 |
| 200 | 197 | 184 | 295 | 8- $\phi 22$ | $\phi 400$ | 875 |
| 250 | 246 | 226 | 350 | 12- $\phi 22$ | $\phi 500$ | 1060 |

≥DN300 , please contact manufacturer

Flange drilling: PN10/150LB/JIS 10K/AS 2129
 Size range: NPS2-NPS40
 Material: GGG40/CF8/CF8M/ALLOY



150LB

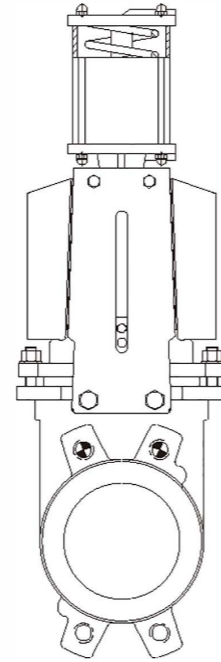
● Main dimensions

| NPS | d | L | D | n- ϕ | H |
|-------|------|-----|-------|-----------------|------|
| 2 | 51 | 175 | 120.7 | 4- $\phi 18$ | 455 |
| 2 1/2 | 60 | 175 | 139.7 | 4- $\phi 18$ | 492 |
| 3 | 71 | 175 | 152.4 | 4- $\phi 18$ | 570 |
| 4 | 98.5 | 175 | 190.5 | 8- $\phi 18$ | 661 |
| 5 | 122 | 178 | 215.9 | 8- $\phi 18$ | 731 |
| 6 | 148 | 178 | 241.3 | 8- $\phi 22$ | 821 |
| 8 | 197 | 184 | 298.5 | 8- $\phi 22$ | 955 |
| 10 | 246 | 226 | 362 | 12- $\phi 26$ | 1140 |
| 12 | 292 | 257 | 431.8 | 12- $\phi 26$ | 1342 |
| 14 | 336 | 257 | 476.3 | 12- $\phi 29.5$ | 1490 |
| 16 | 375 | 279 | 539.8 | 16- $\phi 29.5$ | 1690 |

≥NPS18 , please contact manufacturer

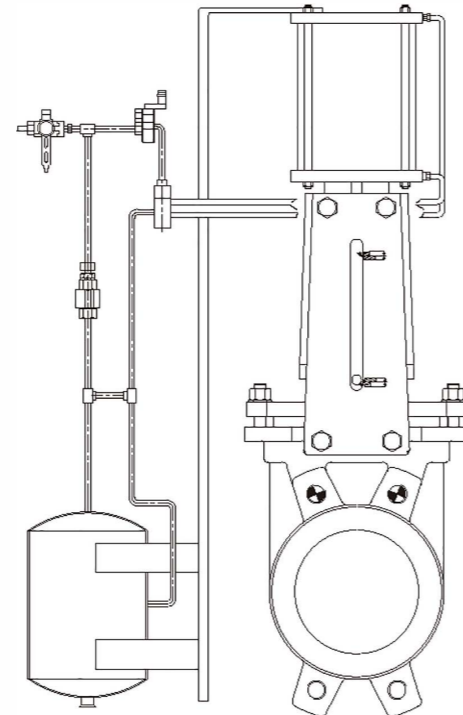
SINGLE ACTING (SPRING RETURN)

- This actuator (single acting cylinder) consists of:
 - Aluminium barrel and covers
 - Ductile Iron or carbon steel spring cap
 - Steel spring
 - piston rod
 - Nitrile coated steel piston
- Available from DN 50 to DN 200
- Supply pressure: min. 5 kg/cm² – max. 10kg/cm²
- Options:
 - Fail open
 - Fail close



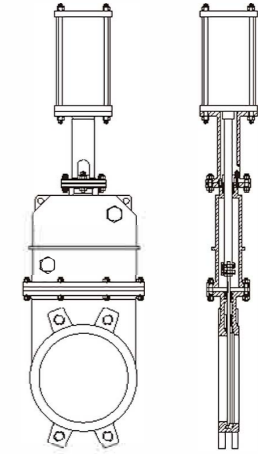
SINGLE ACTING (VOLUME RETURN)

- This safety system consists on: double acting pneumatic cylinder, volume tank and all the necessary elements according to the available options (solenoid valve, spool valve, ...)
- Available for all diameters
- Supply Pressure: min. 4.5 kg/cm² – max. 10 kg/cm²



BONNET

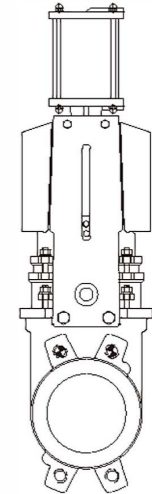
- Assures tight sealing to atmosphere.
- Reduces packing maintenance.



DOUBLE GLAND

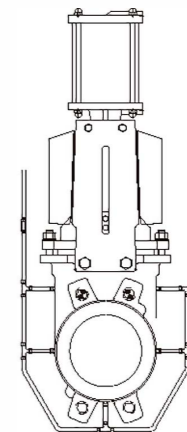
Double gland is developed for knife gate valves that are subject to severe operating conditions. It is often used on valves in junk traps and in difficult biomass applications.

The double gland consist of two glands where the lower one has a chamber with integrated purge ports. The first gland takes care of the main sealing function, while the second secures that no media reaches surrounding environment. Flushing between the gland boxes, or pressurising with air if it is dry media, keeps the gate clean and removes media that might have passed through the first gland box.

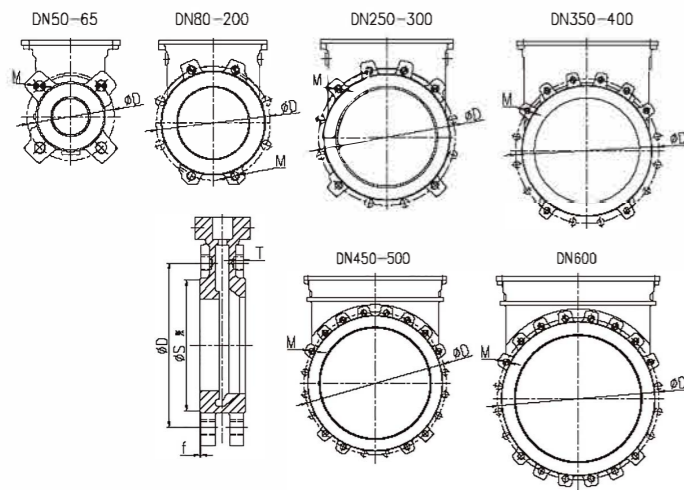


FLUSH PORTS

Allow for cleaning of solids trapped within the body cavities that can obstruct the flow or prevent the valve from closing. Depending on the process, purging can be made with air, steam, liquids, etc.



FLANGE AND BOLTING DETAILS OF PN10

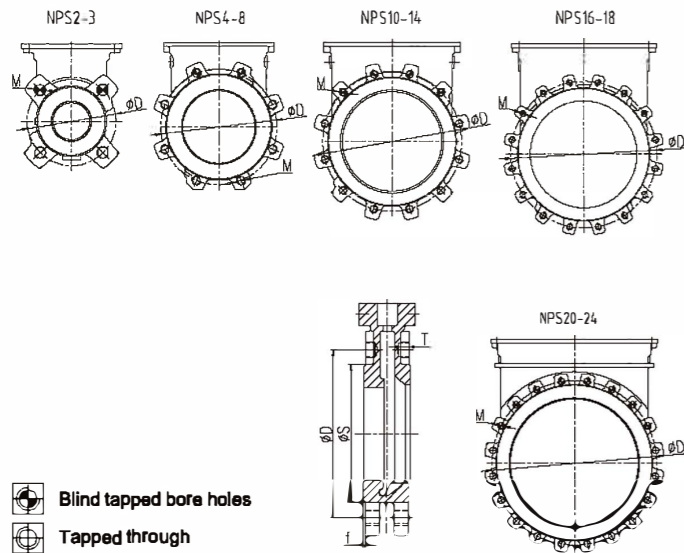


※: "S" is manufacturer data

| DN | ΦD | M | T | ⊕ | ⊕ | ⊕ | ⊕ | | |
|-----|-----|-----|---|--------|----|---|---|---|---|
| 50 | 125 | 92 | 2 | 4-M16 | 6 | 2 | 2 | 0 | 0 |
| 65 | 145 | 105 | 2 | 4-M16 | 6 | 2 | 2 | 0 | 0 |
| 80 | 160 | 127 | 2 | 4-M16 | 8 | 2 | 2 | 4 | 0 |
| 100 | 180 | 153 | 2 | 4-M16 | 8 | 2 | 2 | 4 | 0 |
| 125 | 210 | 182 | 2 | 4-M16 | 8 | 2 | 2 | 4 | 0 |
| 150 | 240 | 207 | 2 | 4-M20 | 10 | 2 | 2 | 4 | 0 |
| 200 | 295 | 260 | 2 | 4-M20 | 10 | 2 | 2 | 4 | 0 |
| 250 | 350 | 320 | 2 | 6-M20 | 15 | 4 | 2 | 6 | 0 |
| 300 | 400 | 369 | 2 | 6-M20 | 13 | 4 | 2 | 6 | 0 |
| 350 | 460 | 413 | 2 | 8-M20 | 20 | 6 | 2 | 8 | 0 |
| 400 | 515 | 470 | 2 | 8-M24 | 22 | 6 | 2 | 8 | 0 |
| 450 | 565 | 533 | 2 | 12-M24 | 22 | 8 | 4 | 8 | 0 |
| 500 | 620 | 573 | 2 | 12-M24 | 22 | 8 | 4 | 8 | 0 |
| 600 | 725 | 646 | 2 | 14-M27 | 22 | 8 | 6 | 6 | 0 |

- Blind tapped bore holes
- Tapped through
- Through going bore
- Unthreaded hole

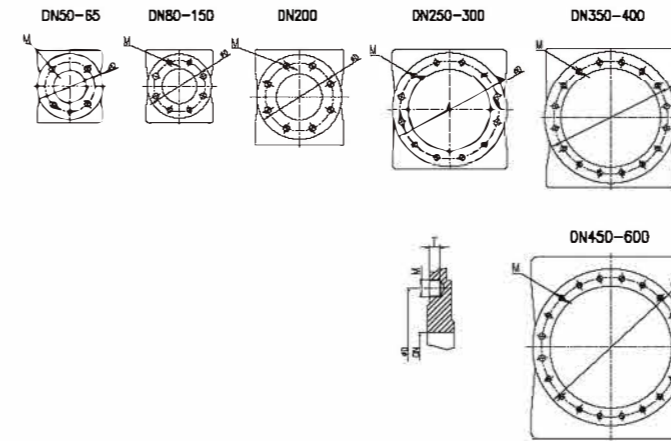
FLANGE AND BOLTING DETAILS OF 150LB



| NPS | ΦD | f | M(UNC) | T | ⊕ | ⊕ | ⊕ | ⊕ | |
|-----|-------|-------|--------|-------------|----|---|----|---|---|
| 2 | 120.7 | 92.1 | 2 | 4-5/8"-11 | 8 | 2 | 2 | 0 | 0 |
| 2.5 | 139.7 | 104.8 | 2 | 4-5/8"-11 | 8 | 2 | 2 | 0 | 0 |
| 3 | 152.4 | 127.0 | 2 | 4-5/8"-11 | 8 | 2 | 2 | 0 | 0 |
| 4 | 190.5 | 157.0 | 2 | 8-5/8"-11 | 9 | 2 | 6 | 0 | 0 |
| 5 | 215.9 | 186.0 | 2 | 8-3/4"-10 | 9 | 2 | 6 | 0 | 0 |
| 6 | 241.3 | 215.9 | 2 | 8-3/4"-10 | 9 | 2 | 6 | 0 | 0 |
| 8 | 298.5 | 270 | 2 | 8-3/4"-10 | 12 | 2 | 6 | 0 | 0 |
| 10 | 362.0 | 323.8 | 2 | 12-7/8"-9 | 12 | 4 | 8 | 0 | 0 |
| 12 | 431.8 | 381.0 | 2 | 12-7/8"-9 | 12 | 4 | 8 | 0 | 0 |
| 14 | 476.3 | 412.8 | 2 | 12-1"-8 | 14 | 4 | 8 | 0 | 0 |
| 16 | 539.8 | 469.9 | 2 | 16-1"-8 | 15 | 6 | 10 | 0 | 0 |
| 18 | 578.0 | 533.4 | 2 | 16-1 1/8"-7 | 15 | 6 | 10 | 0 | 0 |
| 20 | 635.0 | 584.0 | 2 | 20-1 1/8"-7 | 23 | 8 | 12 | 0 | 0 |
| 24 | 749.3 | 692.0 | 2 | 20-1 1/4"-7 | 23 | 8 | 12 | 0 | 0 |

- Blind tapped bore holes
- Tapped through
- Through going bore
- Unthreaded hole

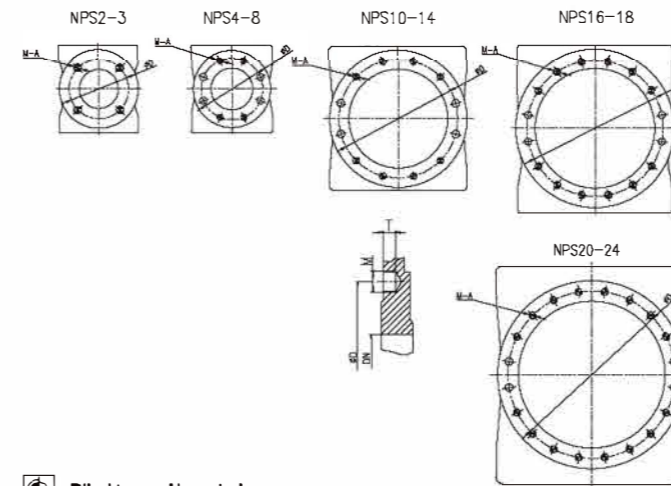
FLANGE AND BOLTING DETAILS OF PN10



| DN | ΦD | M | T | ⊕ | ⊕ | ⊕ | ⊕ |
|-----|-----|-----|----|----|---|---|---|
| 50 | 125 | M16 | 11 | 4 | 0 | 0 | 0 |
| 65 | 145 | M16 | 11 | 4 | 0 | 0 | 0 |
| 80 | 160 | M16 | 10 | 4 | 0 | 0 | 4 |
| 100 | 180 | M16 | 12 | 4 | 0 | 0 | 4 |
| 125 | 210 | M16 | 10 | 4 | 0 | 0 | 4 |
| 150 | 240 | M20 | 13 | 4 | 0 | 0 | 4 |
| 200 | 295 | M20 | 15 | 8 | 0 | 0 | 0 |
| 250 | 350 | M20 | 17 | 8 | 0 | 0 | 4 |
| 300 | 400 | M20 | 17 | 8 | 0 | 0 | 4 |
| 350 | 460 | M20 | 15 | 12 | 0 | 0 | 4 |
| 400 | 515 | M24 | 18 | 12 | 0 | 0 | 4 |
| 450 | 565 | M24 | 20 | 16 | 0 | 0 | 4 |
| 500 | 620 | M24 | 27 | 16 | 0 | 0 | 4 |
| 600 | 725 | M27 | 25 | 16 | 0 | 0 | 4 |

- Blind tapped bore holes
- Tapped through
- Through going bore
- Unthreaded hole

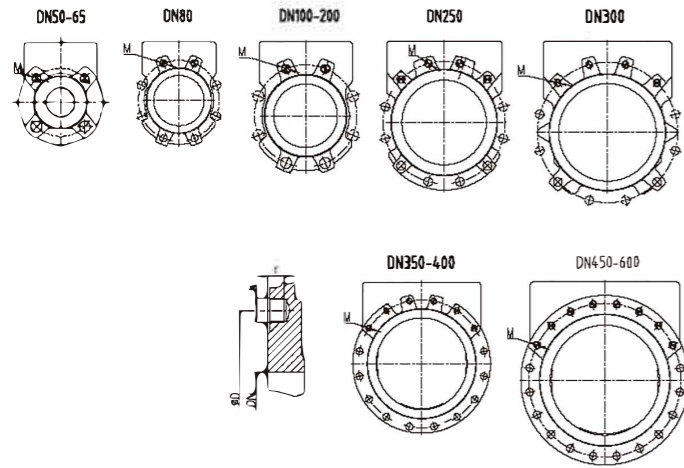
FLANGE AND BOLTING DETAILS OF 150LB



| NPS | ΦD | M(UNC) | T | ⊕ | ⊕ | ⊕ | ⊕ |
|-----|-------|-------------|----|----|---|---|---|
| 2 | 120.7 | 4-5/8"-11 | 11 | 4 | 0 | 0 | 0 |
| 2.5 | 139.7 | 4-5/8"-11 | 11 | 4 | 0 | 0 | 0 |
| 3 | 152.4 | 4-5/8"-11 | 11 | 4 | 0 | 0 | 0 |
| 4 | 190.5 | 4-5/8"-11 | 11 | 4 | 0 | 0 | 4 |
| 5 | 215.9 | 4-3/4"-10 | 10 | 4 | 0 | 0 | 4 |
| 6 | 241.3 | 4-3/4"-10 | 13 | 4 | 0 | 0 | 4 |
| 8 | 298.5 | 4-3/4"-10 | 15 | 4 | 0 | 0 | 4 |
| 10 | 362 | 8-7/8"-9 | 17 | 8 | 0 | 0 | 4 |
| 12 | 432 | 8-7/8"-9 | 17 | 8 | 0 | 0 | 4 |
| 14 | 476.3 | 8-1"-9 | 14 | 8 | 0 | 0 | 4 |
| 16 | 570 | 12-1"-8 | 17 | 12 | 0 | 0 | 4 |
| 18 | 577.9 | 12-1 1/8"-7 | 18 | 12 | 0 | 0 | 4 |
| 20 | 635 | 16-1 1/8"-7 | 25 | 16 | 0 | 0 | 4 |
| 24 | 749.3 | 16-1 1/4"-7 | 25 | 16 | 0 | 0 | 4 |

- Blind tapped bore holes
- Tapped through
- Through going bore
- Unthreaded hole

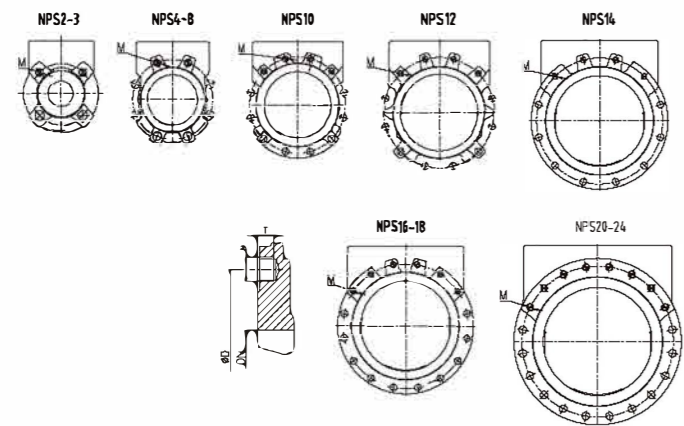
FLANGE AND BOLTING DETAILS OF PN10 GKJ SERIES



- Blind tapped bore holes
- Tapped through
- Through going bore
- Unthreaded hole

| DN | M | T | | | | |
|-----|-------|----|---|---|---|----|
| 50 | 2-M16 | 9 | 2 | 0 | 0 | 2 |
| 65 | 2-M16 | 10 | 2 | 0 | 0 | 2 |
| 80 | 2-M16 | 12 | 2 | 0 | 4 | 2 |
| 100 | 2-M16 | 12 | 2 | 0 | 4 | 2 |
| 150 | 2-M20 | 13 | 2 | 0 | 4 | 2 |
| 200 | 2-M20 | 1 | 2 | 0 | 4 | 2 |
| 250 | 4-M20 | 19 | 4 | 0 | 4 | 4 |
| 300 | 4-M20 | 1 | 4 | 0 | 6 | 2 |
| 350 | 6-M20 | 19 | 6 | 0 | 0 | 10 |
| 400 | 6-M24 | 32 | 6 | 0 | 0 | 10 |
| 450 | 8-M24 | 35 | 8 | 0 | 0 | 12 |
| 500 | 8-M24 | 35 | 8 | 0 | 0 | 12 |
| 600 | 8-M27 | 40 | 8 | 0 | 0 | 12 |

FLANGE AND BOLTING DETAILS OF 150LB GKJ SERIES

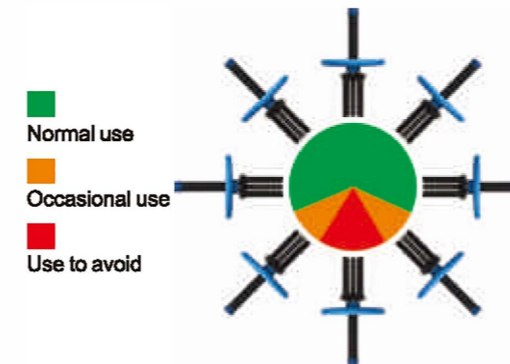


- Blind tapped bore holes
- Tapped through
- Through going bore
- Unthreaded hole

| NPS | M | T | | | | |
|-----|------------|----|---|---|---|----|
| 2 | 2-5/8"-11 | 9 | 2 | 0 | 0 | 2 |
| 2.5 | 2-5/8"-11 | 10 | 2 | 0 | 0 | 2 |
| 3 | 2-5/8"-11 | 12 | 2 | 0 | 0 | 2 |
| 4 | 2-5/8"-11 | 12 | 2 | 0 | 4 | 2 |
| 6 | 2-3/4"-10 | 13 | 2 | 0 | 4 | 2 |
| 8 | 2-3/4"-10 | 1 | 2 | 0 | 4 | 2 |
| 10 | 4-7/8"-9 | 19 | 4 | 0 | 4 | 4 |
| 12 | 4-7/8"-9 | 19 | 4 | 0 | 6 | 2 |
| 14 | 4-1"-8 | 20 | 4 | 0 | 0 | 8 |
| 16 | 6-1"-8 | 32 | 6 | 0 | 0 | 10 |
| 18 | 6-1 1/8"-7 | 35 | 6 | 0 | 0 | 10 |
| 20 | 8-1 1/8"-7 | 35 | 8 | 0 | 0 | 12 |
| 24 | 8-1 1/4"-7 | 40 | 8 | 0 | 0 | 12 |

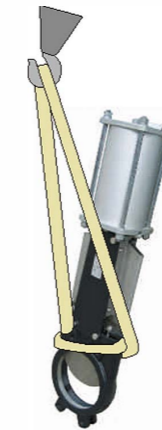
Valves position

The valve can be assembled in any position, however we recommend suitable position.



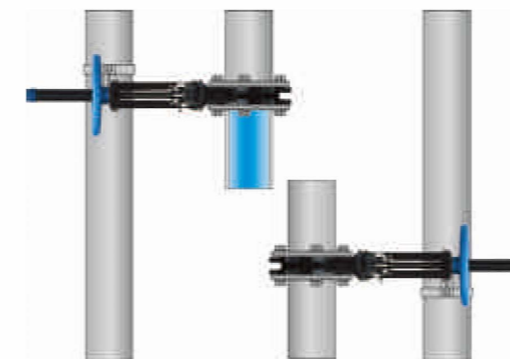
Handling

Please use lifting gear to move valve, it should be supported by two or more eyebolts screwed into the taper fixing holes in the valve body.



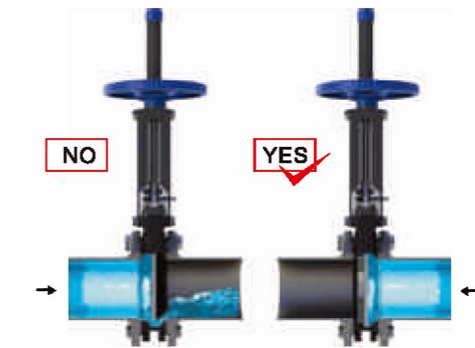
Valve support

When valves are operated with heavy actuators in horizontal or tilting position.



Knife gate valve assembling way

The unidirectional valve only could be assembled at correct directional followed by arrow mark on body.



Installation

Make sure the internal cavities within the valve body are clean. Inspect the pipeline and mating flange.



Working pressure/Temperature

Maxi. Pressure

DN 50-250; 10bar DN 300-450; 7bar
 DN 500-600; 4bar DN 700-900; 2bar
 DN1000-1200; 1bar

Maxi. Temperature

EPDM 110°C, Viton 220°C
 NBR110°C, PTFE150°C

