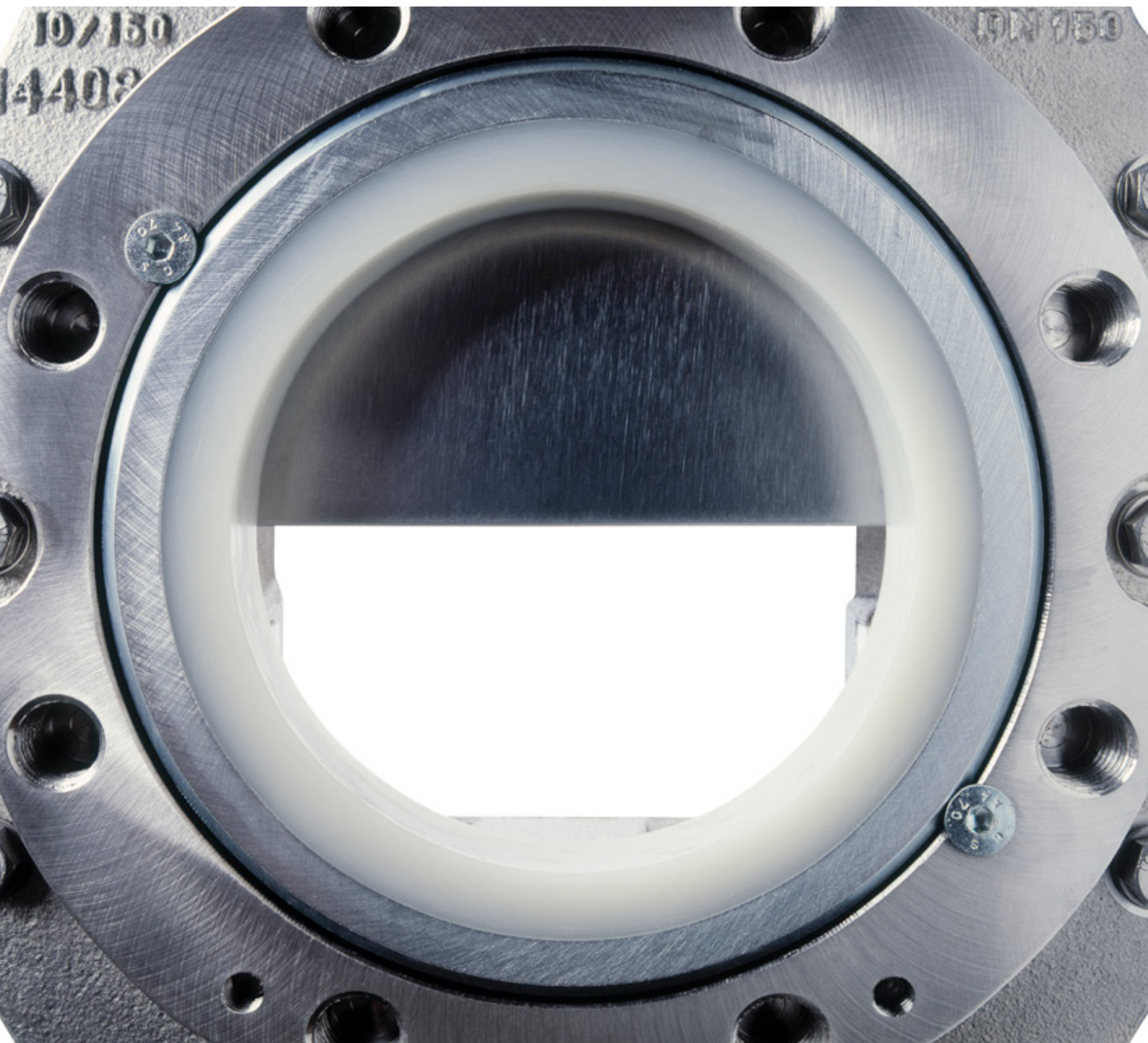


## Knife gate valve RKO



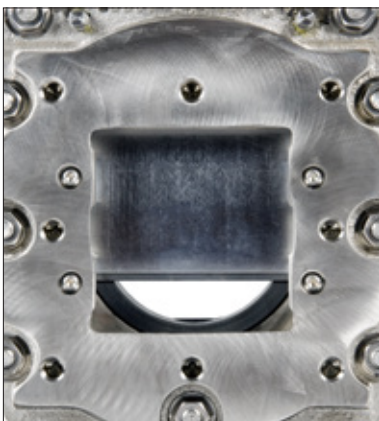
## Knife gate valve RKO

Stafsjö's knife gate valve RKO is reliable and particularly well suited for demanding reject and other abrasive media. The valve's circular inlet and square outlet together with the gate, that has a rectangular shape and a bevel edge, counteracts clogging and blockages, which often is a problem in combination with junk traps, coarse reject and cleaners. If needed, the valve can be supplied with an adaptor cone on the square side with weld connection or flange connection.

RKO has a robust valve body with integrated purge ports, which is available in stainless steel, coated cast iron or carbon steel. As standard the valve comes with a wear resistant hard chromed gate in duplex stainless steel, exchangeable guide strips and the retainer ring system, which makes the maintenance simple and cost-efficient. RKO is supplied with a polyurethane seat or a retainer ring in stainless steel with a PTFE seat. The glandbox is supplied with Stafsjö's unique gland box packing, TwinPack™, to secure that no media reaches surrounding environment. The valve can also be supplied with double gland for the most demanding applications.

The top work consist of aluminium beams and stainless steel tie rods, which gives good corrosion resistance and a stable operation. There are several actuator types and accessories to choose from in Stafsjö's standard collection.

The RKO valve is designed, manufactured, inspected and tested according to pressure equipment directive 2014/68/EU category I and II module A2. The valve is CE marked when it is applicable.



### Proven design for abrasive and demanding applications

Upon closure the gate cut-off the media effectively. The bore design, with a circular inlet and a larger square outlet, assures a non-clogging shut-off.



### Easy maintenance lowers the life cycle cost

The RKO can easily be maintained for extended service life. For example, Stafsjö's retainer ring that hold the seat in place is locked with screws just as the guide strips are, making these parts extremely easy to change if needed.



### A solid top works assures stability and a preserved sealing

A stable operation and a proper dimensioned top works makes the shut-off reliable and repeatable. It also minimizes wear on the equipment.

## Design data

| Sizes           | Flange drilling                                                                                 | Face-to-face dimension                         | ATEX Design                                                                                              | Corrosion protection                                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DN 100 - DN 600 | EN 1092 PN 10<br>JIS B 2238 10K<br>ASME/ANSI B16.5<br>Class 150<br>AS Table D & E<br>BS Table D | Stafsjö manufacturing<br>standard<br>MSS SP-81 | On request directive<br>2014/34/EU Group II<br>category:<br>3 G/D (zone 2 or 22)<br>2 G/D (zone 1 or 21) | Non-corrosive resistant<br>materials are coated in<br>colour RAL5015 acc. to<br>Stafsjö's standard, which<br>fulfill the requirements in<br>EN ISO 12944 class C3. |

Other sizes, flange drillings, ATEX zones and corrosion protection on request.

| Leakage rate                                                                                      | Pressure tests                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EN 12266-1:2009 rate A:</b> No visually detectable leakage is allowed for duration of the test | Pressure tests are performed with water at 20° C according to EN 12266-1:2009.<br>Pressure for shell test: 1,5 times maximum allowable working pressure for open valve.<br>Pressure for seat tightness test: 1,1 times maximum allowable differential pressure for closed valve. |
| Maximum working pressure body at 20°C                                                             | Maximum differential pressure in preferred direction at 20°C                                                                                                                                                                                                                     |
| DN                                                                                                | bar                                                                                                                                                                                                                                                                              |
| 100 - 450                                                                                         | 10                                                                                                                                                                                                                                                                               |
| 500 - 600                                                                                         | 6                                                                                                                                                                                                                                                                                |
| DN                                                                                                | bar                                                                                                                                                                                                                                                                              |
| 100 - 450                                                                                         | 6,2                                                                                                                                                                                                                                                                              |
| 500 - 600                                                                                         | 4                                                                                                                                                                                                                                                                                |

## Basic equipment

| A. Valve Body                                                                                                    |                    |                        |                  |                        |
|------------------------------------------------------------------------------------------------------------------|--------------------|------------------------|------------------|------------------------|
| DN                                                                                                               | Material           | Code                   | Type             | Maximum temperature °C |
| 100 - 600                                                                                                        | Stainless steel    | E                      | EN 1.4408        | 400                    |
| 100 - 400                                                                                                        | Cast iron          | A                      | EN-JL1030 (GG20) | 150                    |
| 500 - 600                                                                                                        | Carbon steel       | C                      | WCC (ASTM A216)  | 425                    |
| The valve body is as standard supplied with purge ports: DN 100 1/8", DN 150 - DN 250 1/4", DN 300 - DN 600 1/2" |                    |                        |                  |                        |
| B. Gate                                                                                                          |                    |                        |                  |                        |
| Material                                                                                                         | Type               | Surface treatment      |                  |                        |
| Duplex stainless steel                                                                                           | EN 1.4462 (S32205) | Hard chromed surface   |                  |                        |
|                                                                                                                  |                    |                        |                  |                        |
| C. Retainer ring                                                                                                 |                    |                        |                  |                        |
| Material                                                                                                         | Type               |                        |                  |                        |
| Stainless steel <sup>2)</sup>                                                                                    | EN 1.4408          |                        |                  |                        |
| Cast iron <sup>3)</sup>                                                                                          | EN-JL1030 (GG20)   |                        |                  |                        |
| <sup>2)</sup> Standard on RKO-E.                                                                                 |                    |                        |                  |                        |
| <sup>3)</sup> Standard on RKO-A.                                                                                 |                    |                        |                  |                        |
| D. Seat                                                                                                          |                    |                        |                  |                        |
| Material                                                                                                         | Code               | Maximum temperature °C |                  |                        |
| PTFE with o-ring Nitrile                                                                                         | P                  | 100                    |                  |                        |
| PTFE with o-ring Viton                                                                                           | PV                 | 180                    |                  |                        |
| Polyurethane                                                                                                     | U                  | 90                     |                  |                        |
|                                                                                                                  |                    |                        |                  |                        |
| E. Box packing                                                                                                   |                    |                        |                  |                        |
| Material                                                                                                         | Code               | Maximum temperature °C |                  |                        |
| TwinPack™                                                                                                        | TY                 | 260                    |                  |                        |
| PTFE                                                                                                             | TF                 | 280                    |                  |                        |
| Graphite                                                                                                         | TG                 | 650                    |                  |                        |

## Actuators

| Manual                    | Code | Automatic                        | Code |
|---------------------------|------|----------------------------------|------|
| Hand wheel <sup>4)</sup>  | HW   | Pneumatic cylinder               | EC   |
| Chain wheel <sup>5)</sup> | CW   | Electrical motor                 | EM   |
|                           |      | Hydraulic cylinder <sup>5)</sup> | MH   |

<sup>4)</sup> For recommended size, see page 5 column E.

<sup>5)</sup> For recommended size, see separate data sheet.

| Pneumatic cylinder |         |                    | Electric motor – AUMA multi-turn |         |            |
|--------------------|---------|--------------------|----------------------------------|---------|------------|
| DN valve           | Size EC | Maximum Force (kN) | DN valve                         | AUMA    | Attachment |
| 100                | EC 100  | 3,5                | 100                              | SA 07.2 | F10/A      |
| 150 - 200          | EC 160  | 9,0                | 150 - 250                        | SA 07.2 | F10/A      |
| 250 - 350          | EC 200  | 14,1               | 300 - 450                        | SA 10.2 | F10/A      |
| 400 - 500          | EC 250  | 22,1               | 500 - 600                        | SA 14.2 | F14/A      |
| 600                | EC 320  | 36,2               |                                  |         |            |

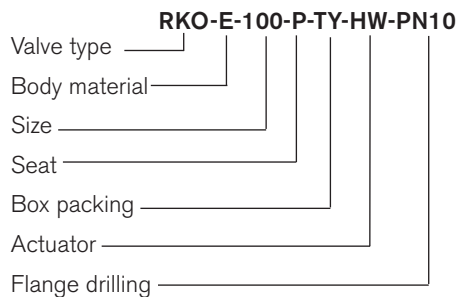
The table above gives recommended cylinder sizes at normal operation with 5 bar air pressure. For other operating conditions, please contact Stafsjö or your local representative for advice.

Electric motors are mounted according to standard ISO 5210. The table above gives recommended motor sizes at normal operation. For other operating conditions, please contact Stafsjö or your local representative for advice.

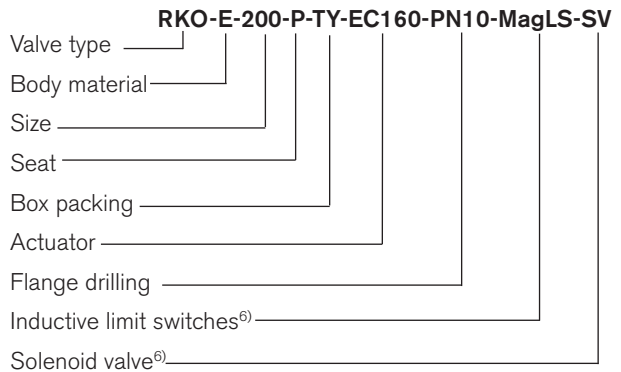
The actuators are described in detail in separate data sheets. For actuators classified according to ATEX, please contact Stafsjö or your local representative.

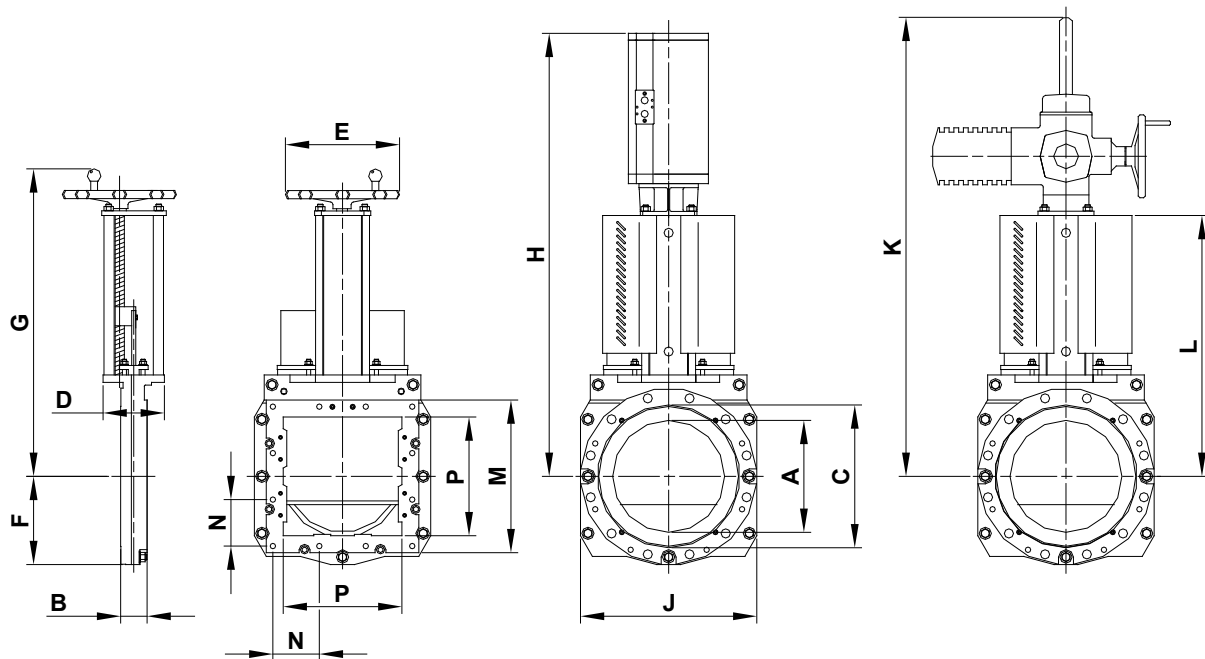
## Specify the Stafsjö valve

Stafsjö's valves are modular designed and they can easily be customized with gate, seat and box packings according to media and requirements, as well for actuators and accessories. Below are examples of how you can specify your Stafsjö valve. Further information is available on [www.stafsjo.com](http://www.stafsjo.com).



<sup>6)</sup> All electronics must be specified in detail.

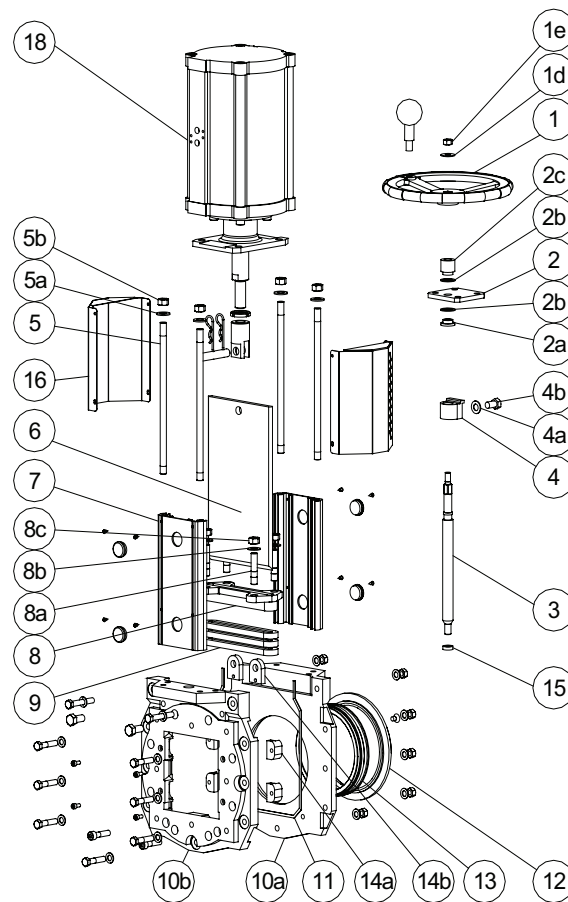




## Main dimensions

| Dimension (mm) |     |     |     |     |     |     |      |      |     |      |      |     |     |                   |
|----------------|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|-----|-----|-------------------|
| DN             | A   | B   | C   | D   | E   | F   | G    | H    | J   | K    | L    | M   | P   | kg <sup>7)</sup>  |
| 100            | 97  | 52  | 153 | 80  | 200 | 112 | 446  | 555  | 224 | 649  | 317  | 180 | 100 | 18                |
| 150            | 146 | 60  | 204 | 150 | 315 | 148 | 554  | 783  | 296 | 749  | 417  | 230 | 150 | 25                |
| 200            | 194 | 60  | 267 | 150 | 315 | 175 | 647  | 876  | 350 | 790  | 510  | 280 | 200 | 45                |
| 250            | 247 | 69  | 319 | 150 | 315 | 206 | 752  | 1135 | 412 | 878  | 598  | 340 | 250 | 60                |
| 300            | 298 | 78  | 374 | 180 | -   | 232 | 867  | 1252 | 464 | 1026 | 715  | 400 | 300 | 80                |
| 350            | 330 | 78  | 419 | 180 | -   | 260 | 921  | 1436 | 520 | 1080 | 769  | 450 | 350 | 90                |
| 400            | 380 | 89  | 480 | 206 | -   | 287 | 1069 | 1506 | 574 | 1177 | 862  | 500 | 400 | 140               |
| 450            | 428 | 89  | 535 | 208 | -   | 315 | 1130 | 1684 | 629 | 1450 | 940  | 555 | 483 | 300               |
| 500            | 500 | 96  | 586 | 320 | -   | 355 | -    | 1973 | 710 | -    | 1099 | 656 | 519 | 330 <sup>8)</sup> |
| 600            | 600 | 100 | 685 | 306 | -   | 396 | -    | 2180 | 792 | -    | 1226 | 742 | 614 | 400 <sup>9)</sup> |

<sup>7)</sup> Weight of valve including hand wheel (HW). <sup>8)</sup> Weight of valve including EC 250. <sup>9)</sup> Weight valve including EC 320  
Main dimensions are only for information. Contact Stafsjö for certified drawings.

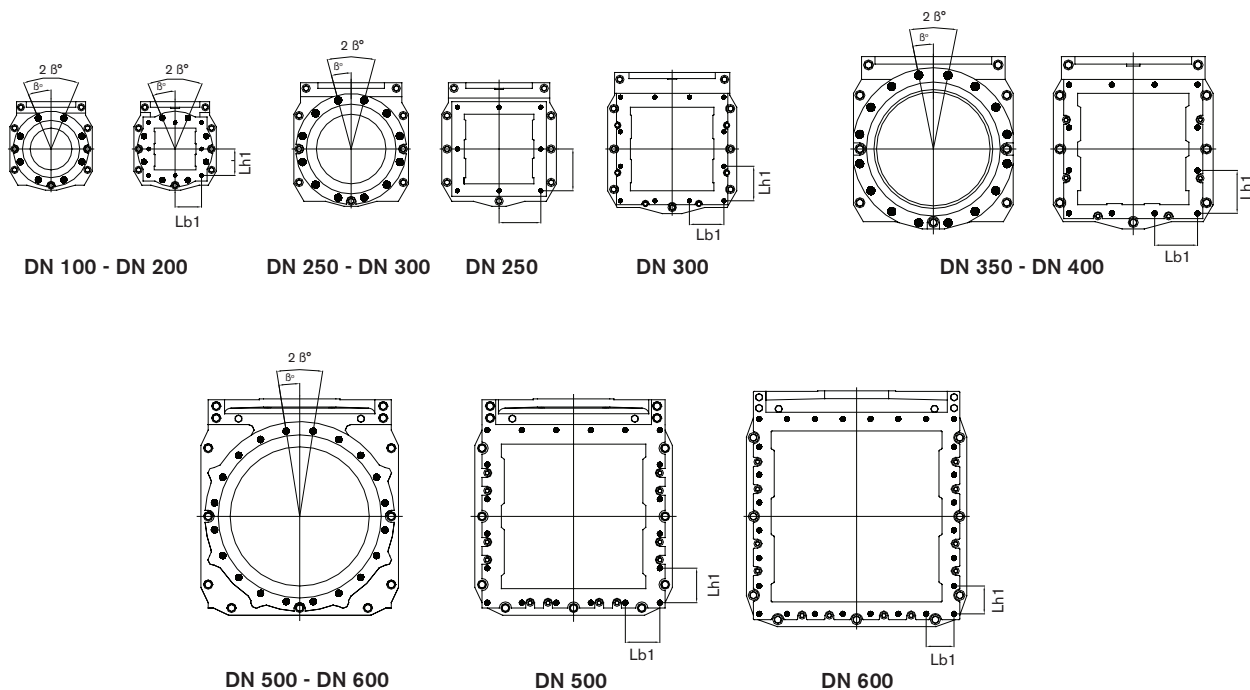


## Part List

| Pos. | Part         | Material (Name)                                                                     |
|------|--------------|-------------------------------------------------------------------------------------|
| 1    | Hand wheel   | Coated cast iron<br>Ø 200 - Ø 315 (EN-JL1040 (GG25)),<br>≥ Ø 400 (EN-JL1030 (GG20)) |
| 2    | Yoke         | Stainless steel (EN 1.4301)                                                         |
| 2a   | Bearing      | Brass (CuZn39Pb3)                                                                   |
| 2b   | Slide washer | POM                                                                                 |
| 2c   | Bearing      | Brass (CuZn39Pb3)                                                                   |
| 3    | Stem         | Stainless steel (EN 1.4305)<br>≥ DN 300 (EN 1.4104)                                 |
| 4    | Stem nut     | Brass (CuZn39Pb3)                                                                   |
| 4a   | Washer       | Stainless steel (A2)                                                                |
| 4b   | Screw        | Stainless steel (A2)                                                                |
| 5    | Tie rod      | Stainless steel (EN 1.4301)                                                         |
| 5a   | Washer       | Stainless steel (A2)                                                                |
| 5b   | Nut          | Stainless steel (A2)                                                                |
| 6    | Gate         | Se equipment B                                                                      |
| 7    | Beam         | Aluminium (EN AW-6063-T6)                                                           |

| Pos.               | Part                      | Material (Name)                   |
|--------------------|---------------------------|-----------------------------------|
| 8                  | Gland                     | Stainless steel (EN 1.4408)       |
| 8a                 | Stud bolt                 | Stainless steel (A2), zinc coated |
| 8b                 | Washer                    | Stainless steel (A2)              |
| 8c                 | Nut                       | Stainless steel (A2), zinc coated |
| 9 <sup>10)</sup>   | Box packing               | See equipment E                   |
| 10a                | Valve body                | See equipment A                   |
| 10b                | Valve body                | See equipment A                   |
| 11                 | Body gasket               | Grafoil ≥ DN 300 PTFE             |
| 12                 | Retainer ring             | See equipment C                   |
| 13 <sup>10)</sup>  | Seat                      | See equipment D                   |
| 14a <sup>10)</sup> | Guide strip               | POM                               |
| 14b <sup>10)</sup> | Top guide strip           | ≥ DN 300 POM                      |
| 15                 | Bushing                   | Oil-bronze                        |
| 16                 | Gate guard,<br>not for HW | Stainless steel (EN 1.4301)       |
| 18                 | Cylinder                  | Se data sheet                     |

<sup>10)</sup> Recommended spare parts



## Flange drilling

### Circular inlet: EN 1092 PN10 (mm)

| DN                          | 100 | 150 | 200 | 250 | 300 | 350  | 400  | 450 | 500 | 600 |
|-----------------------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|
| Outside flange diameter     | 220 | 285 | 340 | 395 | 445 | 505  | 565  | 615 | 670 | 780 |
| Bolt circle diameter        | 180 | 240 | 295 | 350 | 400 | 460  | 515  | 565 | 620 | 725 |
| Number of tapped holes (•)  | 8   | 8   | 8   | 12  | 12  | 16   | 16   | 20  | 20  | 20  |
| Bolt size                   | M16 | M20 | M20 | M20 | M20 | M20  | M24  | M24 | M24 | M27 |
| β°                          | 45  | 45  | 45  | 30  | 30  | 22,5 | 22,5 | 18  | 9   | 9   |
| Screw lengths <sup>1)</sup> | 15  | 15  | 15  | 18  | 22  | 20   | 25   | 25  | 33  | 36  |

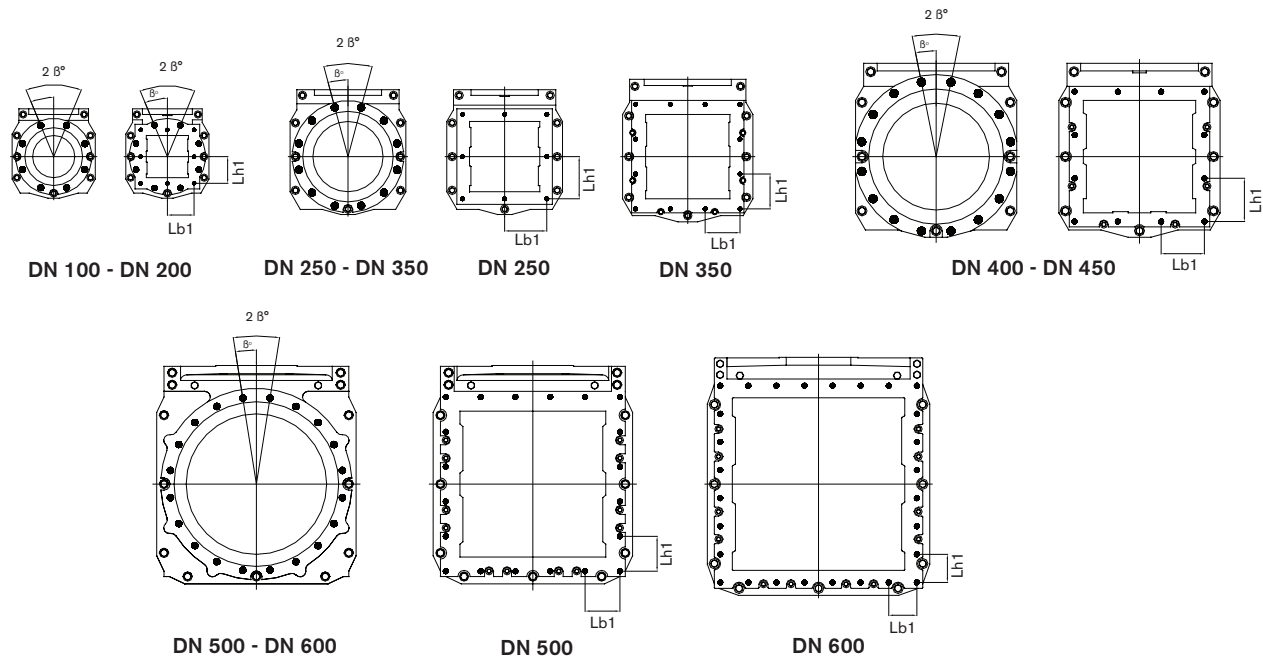
### Square outlet: Stafsjö manufacturing standard or EN 1092 PN10 for DN 100 - DN 200 (mm)

| DN                          | 100                   | 150                   | 200                   | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
|-----------------------------|-----------------------|-----------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|
| Bolt circle diameter        | 180 <sup>2)</sup>     | 240 <sup>2)</sup>     | 295 <sup>2)</sup>     | -   | -   | -   | -   | -   | -   | -   |
| Number of tapped holes (•)  | 8                     | 8                     | 8                     | 8   | 12  | 12  | 12  | 12  | 20  | 28  |
| Lb1 and Lh1                 | 70                    | 95                    | 122,5                 | 150 | 124 | 137 | 154 | 174 | 124 | 100 |
| Bolt size                   | M12/M16 <sup>2)</sup> | M12/M20 <sup>2)</sup> | M12/M20 <sup>2)</sup> | M12 | M12 | M16 | M16 | M16 | M16 | M16 |
| Screw lengths <sup>1)</sup> | 15                    | 15                    | 15                    | 20  | 23  | 23  | 28  | 24  | 20  | 20  |

<sup>1)</sup> Add the values with the thickness of pipe flanges, washers and gaskets.

<sup>2)</sup> Body side with square outlet for sizes DN 100 - DN 200 can be drilled according to EN 1092 PN10.

- Tapped holes



## Flange drilling

### Circular inlet: ASME/ANSI B16.5 Class 150 (mm)

| DN                          | 100    | 150    | 200    | 250   | 300   | 350   | 400   | 450     | 500     | 600     |
|-----------------------------|--------|--------|--------|-------|-------|-------|-------|---------|---------|---------|
| Outside flange diameter     | 228,6  | 279,4  | 342,9  | 406,4 | 482,6 | 533   | 597   | 635     | 699     | 813     |
| Bolt circle diameter        | 190,5  | 241,3  | 298,5  | 362   | 431,8 | 476,3 | 539,8 | 578     | 635     | 749     |
| Number of tapped holes (•)  | 8      | 8      | 8      | 12    | 12    | 12    | 16    | 16      | 20      | 20      |
| Bolt size (UNC)             | 5/8-11 | 3/4-10 | 3/4-10 | 7/8-9 | 7/8-9 | 1-8   | 1-8   | 11/8"-7 | 11/8"-7 | 11/4"-7 |
| $\beta^\circ$               | 45     | 45     | 45     | 30    | 30    | 30    | 22,5  | 11,25   | 9       | 9       |
| Screw lengths <sup>1)</sup> | 15     | 15     | 15     | 18    | 22    | 20    | 18    | 23      | 33      | 36      |

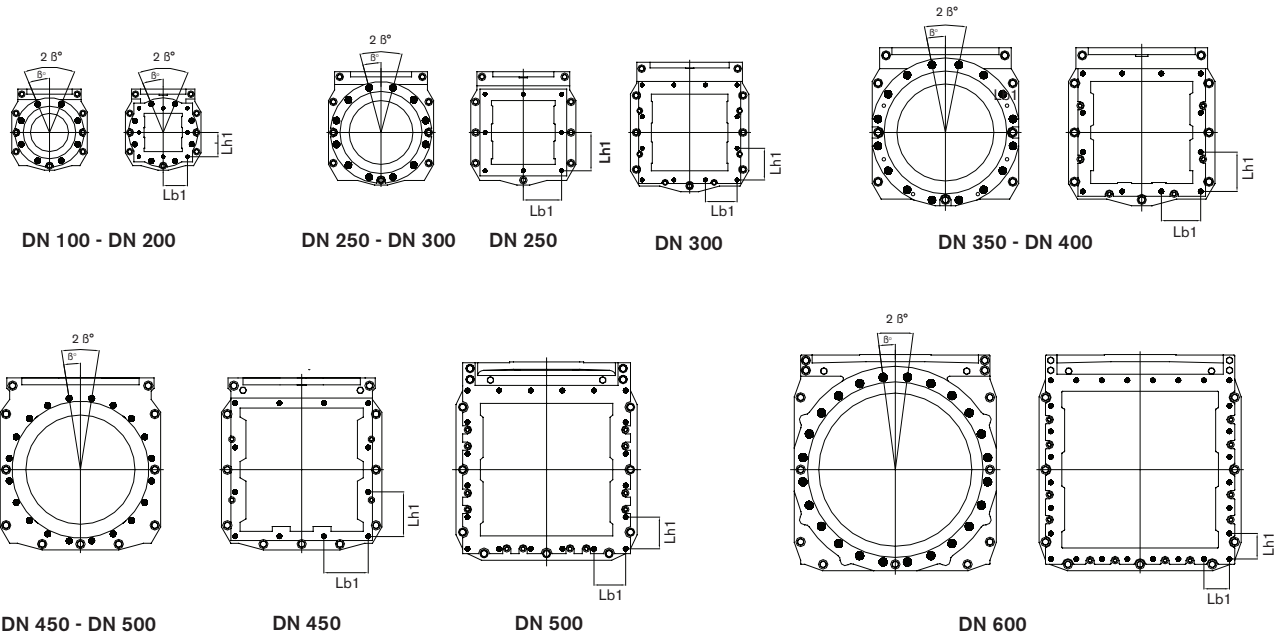
### Square outlet: Stafsjö manufacturing standard or ANSI/ASME B16.5 Class 150 for DN 100 - DN 200 (mm)

| DN                          | 100                                    | 150                                    | 200                                    | 250    | 300    | 350    | 400    | 450    | 500    | 600    |
|-----------------------------|----------------------------------------|----------------------------------------|----------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Bolt circle diameter        | 190,5 <sup>2)</sup>                    | 241,3 <sup>2)</sup>                    | 298,5 <sup>2)</sup>                    | -      | -      | -      | -      | -      | -      | -      |
| Number of tapped holes (•)  | 8                                      | 8                                      | 8                                      | 8      | 12     | 12     | 12     | 12     | 20     | 28     |
| Lb1 and Lh1                 | 70                                     | 95                                     | 122,5                                  | 150    | 124    | 137    | 154    | 174    | 124    | 100    |
| Bolt size (UNC)             | 1/2-13<br>alt.<br>5/8-11 <sup>2)</sup> | 1/2-13<br>alt.<br>3/4-10 <sup>2)</sup> | 1/2-13<br>alt.<br>3/4-10 <sup>2)</sup> | 1/2-13 | 1/2-13 | 5/8-11 | 5/8-11 | 5/8-11 | 5/8-11 | 5/8-11 |
| Screw lengths <sup>1)</sup> | 15                                     | 15                                     | 15                                     | 20     | 23     | 23     | 28     | 24     | 20     | 20     |

<sup>1)</sup> Add the values with the thickness of pipe flanges, washers and gaskets.

<sup>2)</sup> Body side with square outlet for sizes DN 100 - DN 200 can be drilled according to ANSI/ASME B16.5 Class 150.

• Tapped holes



## Flange drilling

### Circular inlet: JIS B 2238 10K (mm)

| DN                          | 100  | 150  | 200 | 250 | 300 | 350   | 400   | 450 | 500 | 600 |
|-----------------------------|------|------|-----|-----|-----|-------|-------|-----|-----|-----|
| Outside flange diameter     | 210  | 280  | 330 | 400 | 445 | 490   | 550   | 620 | 675 | 795 |
| Bolt circle diameter        | 175  | 240  | 290 | 355 | 400 | 455   | 510   | 565 | 620 | 730 |
| Number of tapped holes (•)  | 8    | 8    | 12  | 12  | 12  | 16    | 16    | 20  | 20  | 24  |
| Bolt size                   | M16  | M20  | M20 | M22 | M22 | M22   | M24   | M24 | M24 | M30 |
| β°                          | 22,5 | 22,5 | 15  | 15  | 15  | 11,25 | 11,25 | 9   | 9   | 7,5 |
| Screw lengths <sup>1)</sup> | 15   | 15   | 15  | 18  | 22  | 20    | 18    | 23  | 33  | 36  |

### Square outlet: Stafsjö manufacturing standard or JIS B 2238 10K for DN 100 - DN 200 (mm)

| DN                          | 100                   | 150                   | 200               | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
|-----------------------------|-----------------------|-----------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|
| Bolt circle diameter        | 175 <sup>2)</sup>     | 240 <sup>2)</sup>     | 290 <sup>2)</sup> | -   | -   | -   | -   | -   | -   | -   |
| Number of tapped holes (•)  | 8                     | 8                     | 8                 | 8   | 12  | 12  | 12  | 12  | 20  | 28  |
| Lb1 and Lh1                 | 70                    | 95                    | 122,5             | 150 | 124 | 137 | 154 | 174 | 124 | 100 |
| Bolt size                   | M12/M16 <sup>2)</sup> | M12/M20 <sup>2)</sup> | M12               | M12 | M12 | M16 | M16 | M16 | M16 | M16 |
| Screw lengths <sup>1)</sup> | 15                    | 15                    | 15                | 20  | 23  | 23  | 28  | 24  | 20  | 20  |

<sup>1)</sup> Add the values with the thickness of pipe flanges, washers and gaskets.

<sup>2)</sup> Body side with square outlet for sizes DN 100 - DN 150 can be drilled according to JIS B 2238 10K

• Tapped holes

## Adapter cone for RKO

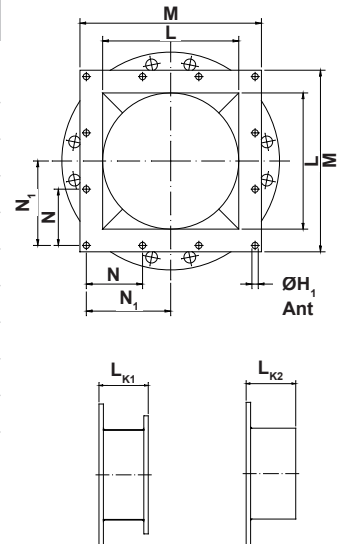
RKO can be equipped with an adapter cone on the square side (outlet). There are two types of adapters; one for flange connection and one for weld connection. Adapter cone for DN 600 can be supplied on request. Material: Stainless steel (EN 1.4436).



## Main dimensions

Dimensions (mm)

| DN  | L   | M   | N     | N <sub>1</sub> | ØH <sub>1</sub> | Ant | L <sub>K1</sub> | L <sub>K1</sub> +<br>valve | L <sub>K2</sub> | L <sub>K2</sub> +<br>valve |
|-----|-----|-----|-------|----------------|-----------------|-----|-----------------|----------------------------|-----------------|----------------------------|
| 100 | 100 | 180 | 70    | 70             | 14              | 8   | 90              | 142                        | 150             | 202                        |
| 150 | 150 | 230 | 95    | 95             | 14              | 8   | 140             | 200                        | 200             | 260                        |
| 200 | 200 | 280 | 122,5 | 122,5          | 14              | 8   | 140             | 200                        | 200             | 260                        |
| 250 | 250 | 340 | 150   | 150            | 14              | 8   | 150             | 219                        | 210             | 279                        |
| 300 | 300 | 400 | 124   | 186            | 14              | 12  | 167             | 245                        | 227             | 305                        |
| 350 | 350 | 450 | 137   | 205,5          | 18              | 12  | 165             | 243                        | 225             | 303                        |
| 400 | 400 | 500 | 154   | 231            | 18              | 12  | 155             | 244                        | 215             | 304                        |
| 450 | 483 | 555 | 174   | 261            | 18              | 12  | 155             | 244                        | 215             | 304                        |
| 500 | 558 | 658 | 124   | 310            | 18              | 20  | 190             | 286                        | 325             | 421                        |



## Flange drilling

EN 1092 PN10 (mm)

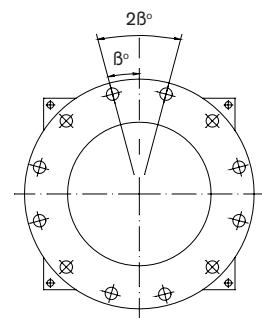
| DN                           | 100  | 150  | 200  | 250 | 300 | 350   | 400   | 450 | 500 |
|------------------------------|------|------|------|-----|-----|-------|-------|-----|-----|
| Outside flange diameter      | 224  | 280  | 340  | 405 | 480 | 530   | 565   | 615 | 705 |
| Bolt circle diameter         | 180  | 240  | 295  | 350 | 400 | 460   | 515   | 565 | 620 |
| Number of throughgoing holes | 8    | 8    | 8    | 12  | 12  | 16    | 16    | 20  | 20  |
| Hole size                    | 18   | 22   | 22   | 22  | 22  | 22    | 26    | 26  | 26  |
| β°                           | 22,5 | 22,5 | 22,5 | 15  | 15  | 11,25 | 11,25 | 9   | 9   |

JIS B 2238 10K (mm)

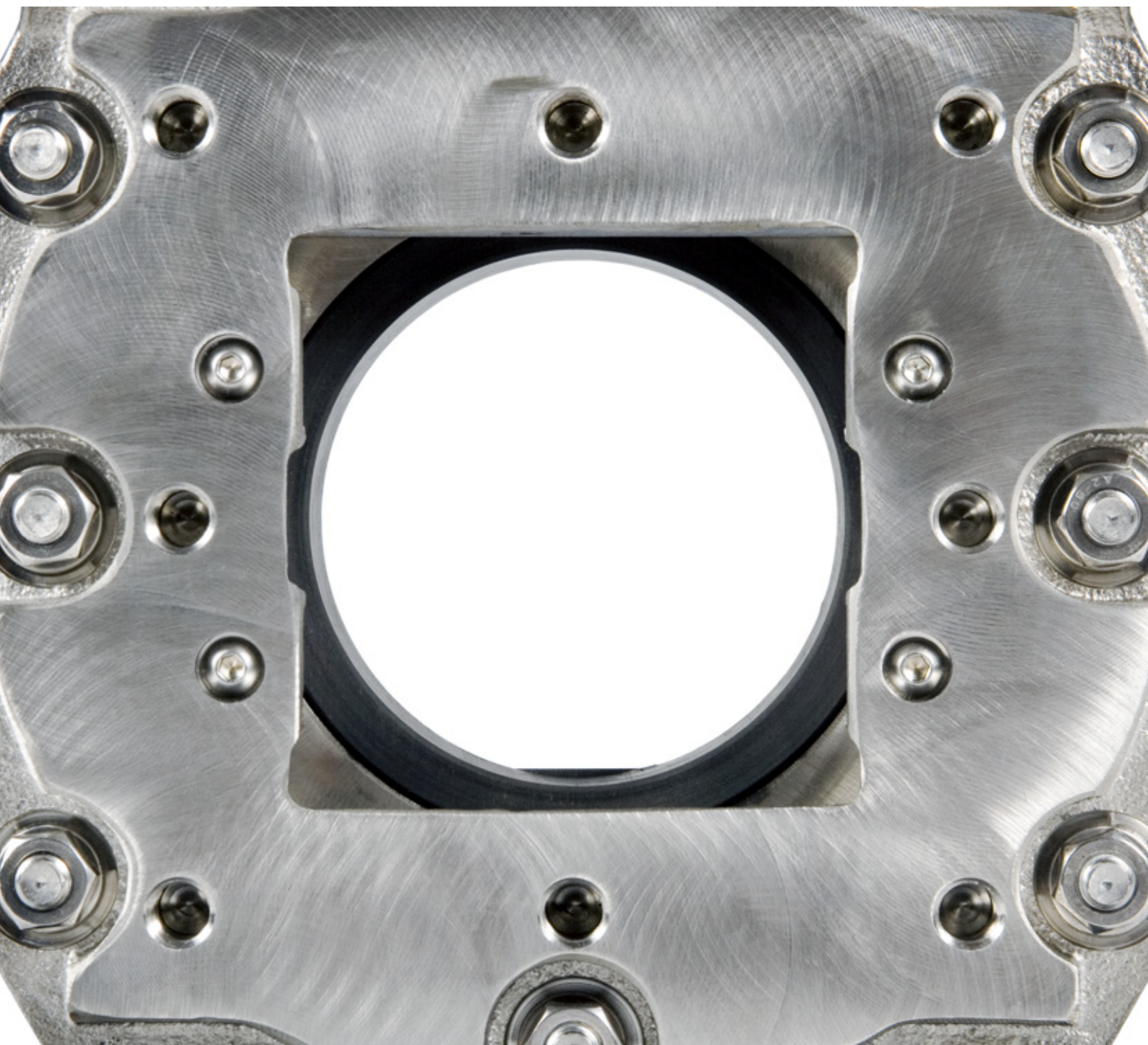
| DN                           | 100  | 150  | 200 | 250 | 300   | 350   | 400   | 450 | 500 |
|------------------------------|------|------|-----|-----|-------|-------|-------|-----|-----|
| Outside flange diameter      | 224  | 280  | 340 | 405 | 480   | 530   | 550   | 620 | 705 |
| Bolt circle diameter         | 175  | 240  | 290 | 355 | 400   | 445   | 510   | 565 | 620 |
| Number of throughgoing holes | 8    | 8    | 12  | 12  | 16    | 16    | 16    | 20  | 20  |
| Hole size                    | 19   | 23   | 23  | 25  | 25    | 22    | 27    | 27  | 27  |
| β°                           | 22,5 | 22,5 | 15  | 15  | 11,25 | 11,25 | 11,25 | 9   | 9   |

ANSI/ASME B16.5 Class 150 (mm)

| DN                           | 100   | 150   | 200   | 250   | 300   | 350 | 400   | 450   | 500 |
|------------------------------|-------|-------|-------|-------|-------|-----|-------|-------|-----|
| Outside flange diameter      | 224   | 280   | 340   | 405   | 480   | 530 | 597   | 635   | 705 |
| Bolt circle diameter         | 190,5 | 241,3 | 298,4 | 361,9 | 431,8 | 476 | 540   | 578   | 635 |
| Number of throughgoing holes | 8     | 8     | 8     | 12    | 12    | 12  | 16    | 16    | 20  |
| Hole size                    | 18    | 22    | 22    | 26    | 26    | 30  | 30    | 33    | 33  |
| β°                           | 22,5  | 22,5  | 22,5  | 15    | 15    | 15  | 11,25 | 11,25 | 9   |



Further information is available on [www.stafsjo.com](http://www.stafsjo.com)



## Globally active. Locally represented.

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