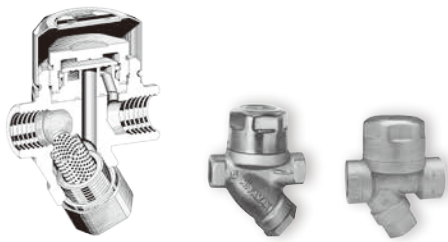
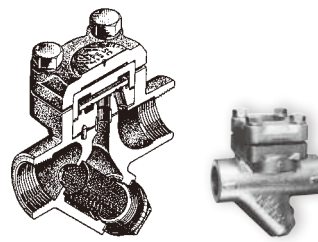


# S31N, SC31

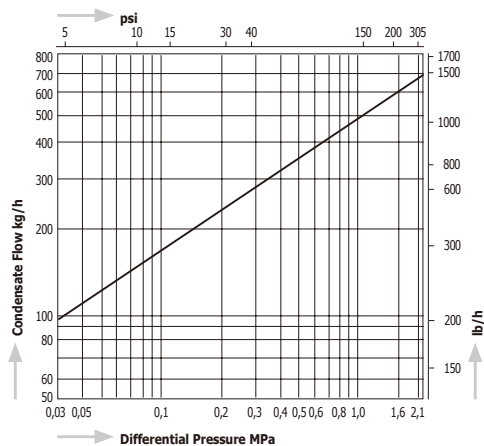


# SC, SF



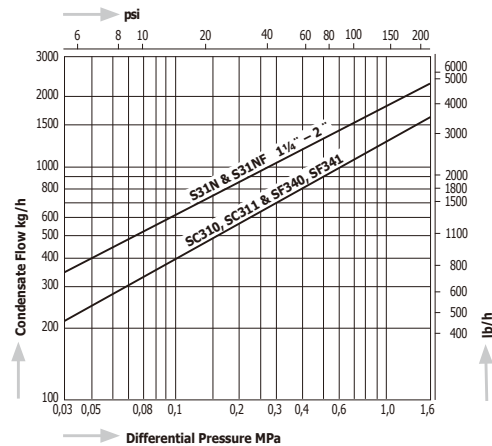
## Capacity Chart

**SC31 & SC31F/S31N & S31NF 1/2" – 1"**



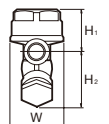
## Capacity Chart

**S31N & S31NF 1 1/4" – 2"; SC310, SC311 & SF340, SF341**

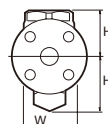
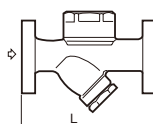


## Dimensions

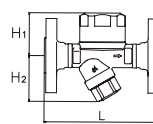
**S31N/SC31 1/2" – 1"**



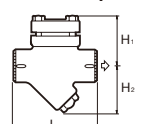
**S31NF 1/2" – 1"**



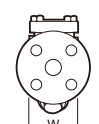
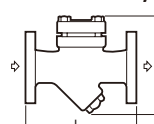
**SC31F 1/2" – 1"**



**S31N 1 1/4" – 2"**  
**SC310, SC311**



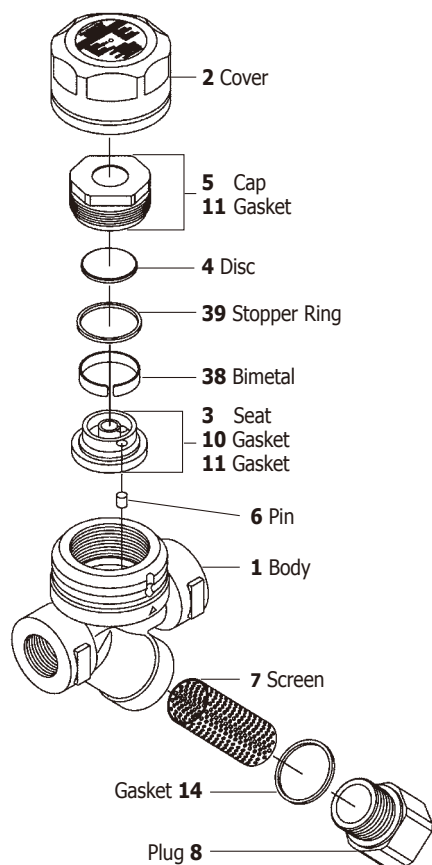
**S31NF 1 1/4" – 2"**  
**SF340, SF341**



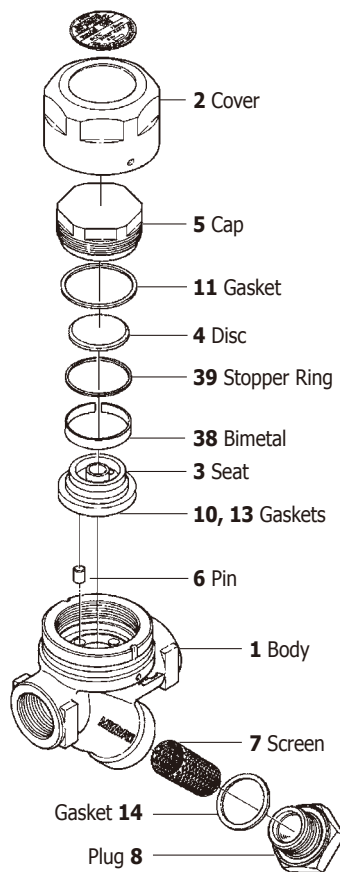
| Model           | Connections            | Size            | Max. Operating Pressure |      | Max. Operating Temperature |     | Dimensions (mm) |                |                |      | Dimensions (in)               |                |                |     | Body Material            | Weight                   |            |      |      |
|-----------------|------------------------|-----------------|-------------------------|------|----------------------------|-----|-----------------|----------------|----------------|------|-------------------------------|----------------|----------------|-----|--------------------------|--------------------------|------------|------|------|
|                 |                        |                 | MPa                     | psig | °C                         | °F  | L               | H <sub>1</sub> | H <sub>2</sub> | W    | L                             | H <sub>1</sub> | H <sub>2</sub> | W   |                          | kg                       | lb         |      |      |
| SC31            | Screwed Rc, G, NPT     | ½"              | 2,1                     | 305  | 220                        | 428 | 78              | 55             | 59             | 61   | 3.1                           | 2.2            | 2.3            | 2.4 | Stainless Steel SCS14    | 1,0                      | 2.2        |      |      |
|                 |                        | ¾"              |                         |      |                            |     | 90              | 3.5            |                |      | 1,3                           | 2.9            |                |     |                          |                          |            |      |      |
|                 |                        | 1"              |                         |      |                            |     | 95              | 3.7            |                |      | 1,2                           | 2.6            |                |     |                          |                          |            |      |      |
| SC31F           | Flanged JIS, ASME      | ½"              |                         |      |                            |     | 143             | 5.6            |                |      | Stainless Steel SCS14+SUSF304 | 2,7            |                |     | 6.0                      |                          |            |      |      |
|                 |                        | ¾"              |                         |      |                            |     | 155             | 6.1            |                |      |                               | 3,9            |                |     | 8.6                      |                          |            |      |      |
|                 |                        | 1"              |                         |      |                            |     | 175             | 6.9            |                |      |                               | 4,7            |                |     | 10.4                     |                          |            |      |      |
|                 |                        | 1¼"             |                         |      |                            |     | 185             | 7.3            |                |      | Stainless Steel SCS14+SUS304  | 4,2-5,5 *1     |                |     | 9.3-12.1 *1              |                          |            |      |      |
|                 |                        | 1½"             |                         |      |                            |     | 195             | 7.7            |                |      |                               | 5,0-7,3 *1     |                |     | 11.0-16.0 *1             |                          |            |      |      |
|                 |                        | 2"              |                         |      |                            |     |                 |                |                |      |                               | 6,6-8,2 *1     |                |     | 14.6-18.1 *1             |                          |            |      |      |
|                 |                        | Flanged DIN     |                         |      |                            |     | DN15            | 150            |                |      | 61                            | 59             |                |     | 61                       | 5.9                      | 2.4        | 2.3  | 2.4  |
|                 | DN20                   |                 |                         |      |                            |     |                 |                |                |      | 3,9                           | 8.6            |                |     |                          |                          |            |      |      |
|                 | DN25                   |                 |                         |      |                            |     |                 |                |                |      | 4,7                           | 10.4           |                |     |                          |                          |            |      |      |
|                 | S31N                   | Screwed Rc, NPT | ½"                      | 1,6  | 230                        | 220 | 428             | 90             | 55             | 65   | 60                            | 3.5            | 2.2            | 2.6 | 2.4                      | Ductile Cast Iron FCD450 | 1,1        | 2.4  |      |
| ¾"              |                        |                 | 95                      |      |                            |     |                 | 60             | 3.7            |      |                               | 2.4            | 1,2            |     |                          |                          | 2.6        |      |      |
| 1"              |                        |                 |                         |      |                            |     |                 | 1,3            | 2.9            |      |                               |                |                |     |                          |                          |            |      |      |
| 1¼"             |                        |                 | 180                     |      |                            |     |                 | 104            | 100            | 106  | 7.1                           | 4.1            | 3.9            | 4.2 | Cast Iron FC250          | 8,0                      | 17.6       |      |      |
| 1½"             |                        |                 | 111                     |      |                            |     |                 | 4.4            | 8,7            | 19.1 |                               |                |                |     |                          |                          |            |      |      |
| 2"              |                        |                 |                         |      |                            |     |                 | 9,3            | 20.5           |      |                               |                |                |     |                          |                          |            |      |      |
| S31NF           | Flanged JIS, ASME, DIN | ½"              | 140                     |      |                            |     |                 | 55             | 65             | 60   | 5.5                           | 2.2            | 2.6            | 2.4 | Ductile Cast Iron FCD450 | 2,3-2,7 *1               | 5.1-6.0 *1 |      |      |
|                 |                        | ¾"              | 150                     |      |                            |     |                 | 5.9            |                |      | 2,9-3,9 *1                    | 6.4-8.6 *1     |                |     |                          |                          |            |      |      |
|                 |                        | 1"              | 160                     |      |                            |     |                 | 6.3            |                |      | 3,6-4,7 *1                    | 7.9-10.3 *1    |                |     |                          |                          |            |      |      |
|                 |                        | 1¼"             | 240                     |      |                            |     |                 | 104            | 100            | 106  | 9.5                           | 4.1            | 3.9            | 4.2 | Cast Iron FC250          | 12,0                     | 26.4       |      |      |
|                 |                        | 1½"             |                         |      |                            |     |                 | 13,5           | 29.7           |      |                               |                |                |     |                          |                          |            |      |      |
|                 |                        | 2"              |                         |      |                            |     |                 | 14,5           | 31.9           |      |                               |                |                |     |                          |                          |            |      |      |
| SC - 310<br>311 | Screwed Rc, NPT        | ¾"              | 180                     |      |                            |     |                 | 87             | 81             | 96   | 7.1                           | 3.4            | 3.2            | 3.8 | Cast Iron FC250          | 6,0                      | 13.2       |      |      |
|                 |                        | 1"              |                         |      |                            |     |                 |                |                |      |                               |                |                |     |                          |                          |            |      |      |
| SF - 340<br>341 | Flanged JIS, ASME, DIN | ¾"              |                         |      |                            |     |                 |                |                |      | 240                           | 89             |                |     |                          | 9.5                      | 3.5        | 10,0 | 22.0 |
|                 |                        |                 |                         |      |                            |     |                 |                |                |      |                               |                |                |     |                          |                          |            |      |      |
|                 |                        |                 |                         |      |                            |     |                 |                |                |      |                               |                |                |     |                          |                          |            |      |      |
|                 |                        |                 |                         |      |                            |     |                 |                |                |      |                               |                |                |     |                          |                          |            |      |      |
|                 |                        |                 |                         |      |                            |     |                 |                |                |      |                               |                |                |     |                          |                          |            |      |      |

\*1 Depending on size and flange standard the weight of the traps differs. Please, look at our technical drawings.

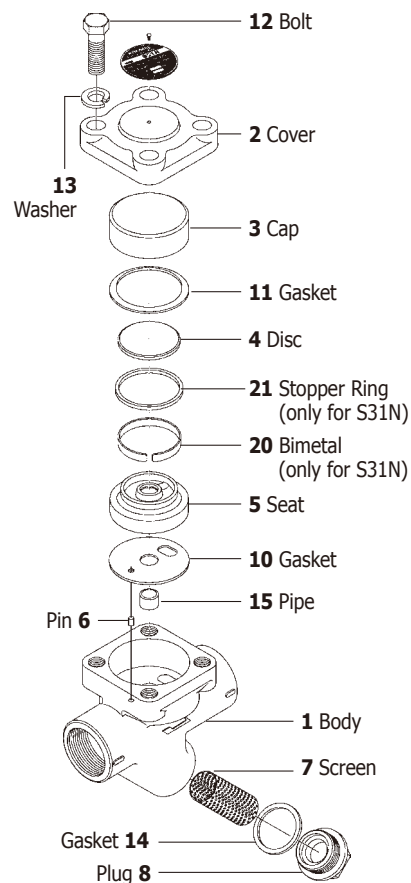
**SC31**



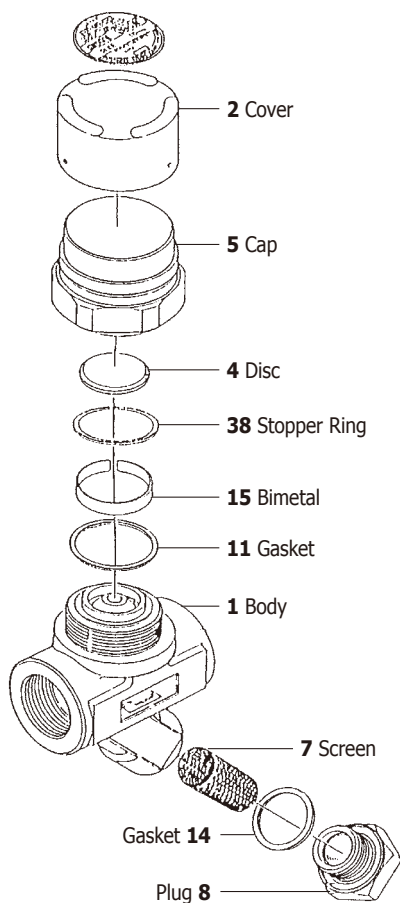
**S31N (1/2"–1")**



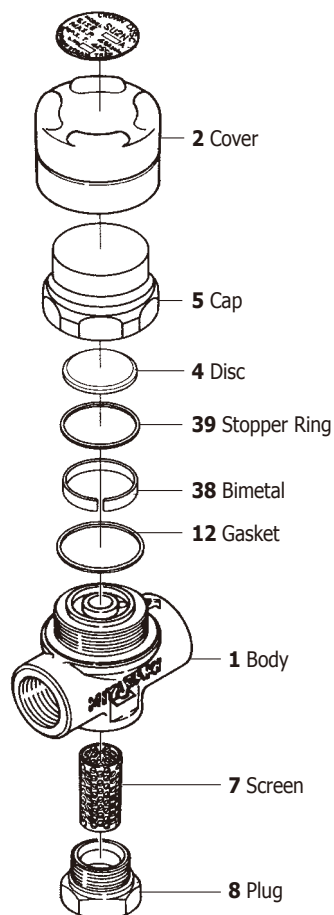
**S31N (1 1/4"–2"), SC, SF (3/4"–1")**



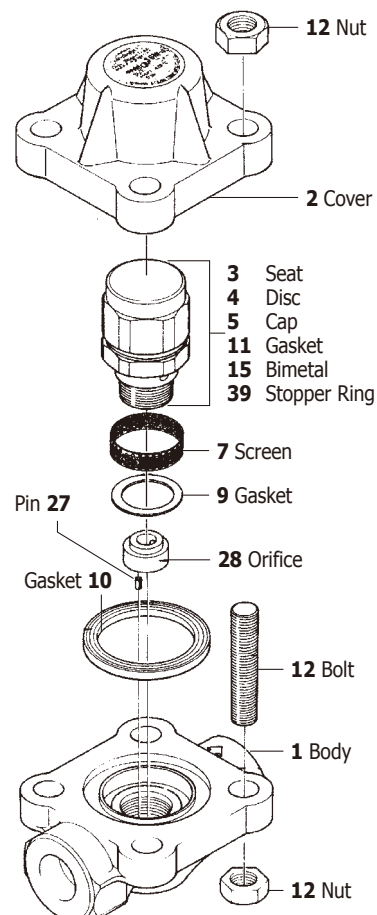
**S55N/S55H**



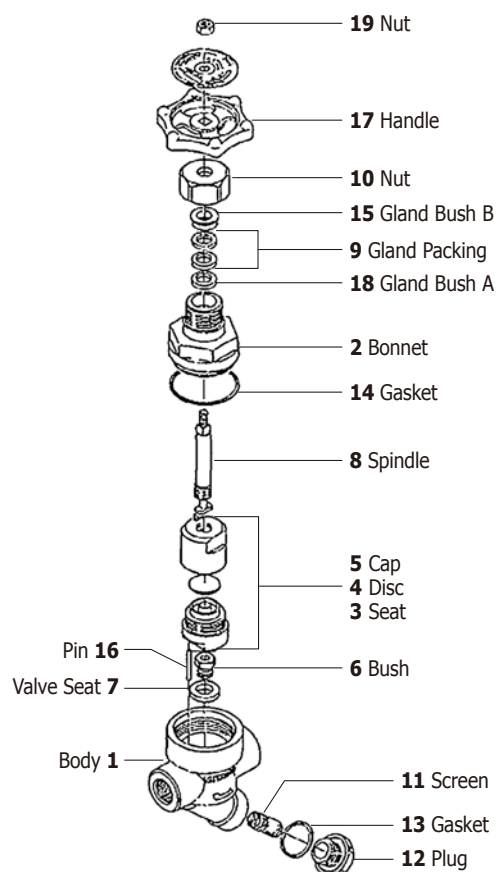
**SU2N/SU2H**



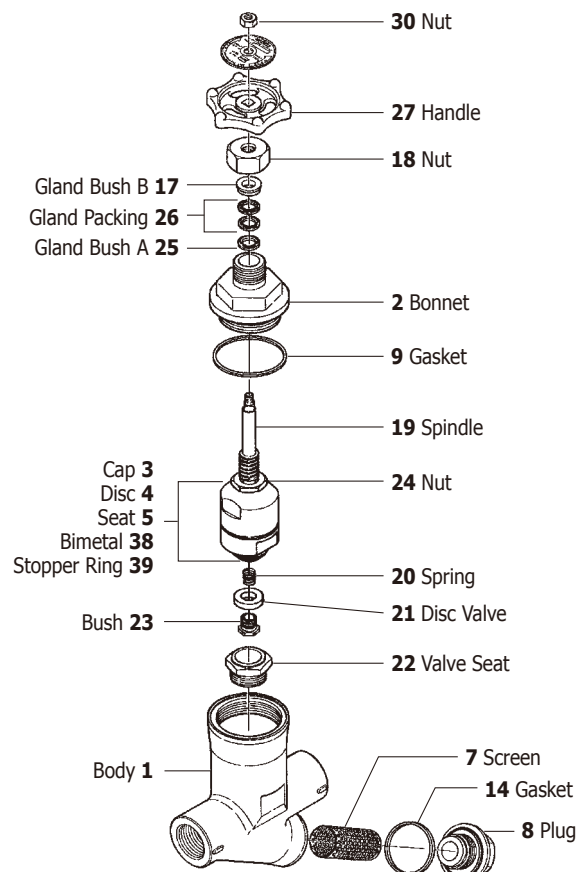
**S61N/S62N**



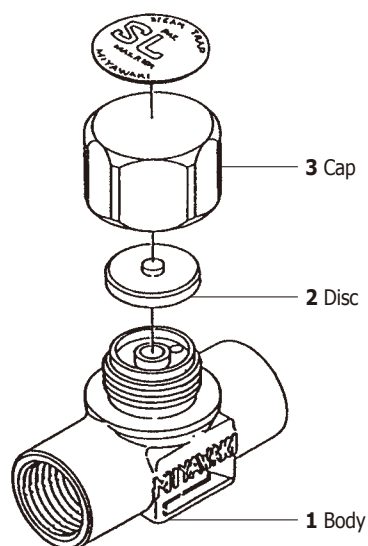
SV1



SV-N



SL3



SD1

