

## Gibson vridspjällventil Wafer/LUG i stål/rostfritt, PN16/25

### Beskrivning:

Metall/RTFE-tätad vridspjällventil för inspänning mellan flänsar i stål/rostfritt stål.

### Användningsområde:

Lämplig för olika typer av applikationer där medier och/eller omgivning ställer höga krav på ventilen.

| Tekniska specifikationer |                     |                                                                                              |
|--------------------------|---------------------|----------------------------------------------------------------------------------------------|
| Nr                       | Detalj              | Material                                                                                     |
| 1                        | Hus                 | A216 – WCB<br>A351 – CF8M (AISI 316)<br>ASTM A890 Gr.4A(DUPLEX)<br>ASTM A890 Gr.5A(S.DUPLEX) |
| 2                        | Mjuktätning         | PTFE<br>RTFE (PTFE förstärkt)                                                                |
| 3                        | Spjällskiva         | A351 – CF8M (AISI 316)<br>ASTM A890 Gr.4A(DUPLEX)<br>ASTM A890 Gr.5A(S.DUPLEX)               |
| 4                        | Sprint              | AISI 316                                                                                     |
| 5, 6                     | Brickor             | AISI 316                                                                                     |
| 7, 8                     | Spindel             | ASTM A564 Gr630                                                                              |
| 9                        | Låsring             | AISI 316                                                                                     |
| 10, 23, 25               | Skruv               | AISI 316                                                                                     |
| 11, 20                   | Spindeltätning      | Rostfritt stål + PTFE<br>Stål + PTFE                                                         |
| 12                       | Spärring            | A 316                                                                                        |
| 13                       | Styrbricka          | A 316                                                                                        |
| 14                       | Övre spindeltätning | Grafit                                                                                       |
| 15                       | Gland               | AISI 316                                                                                     |
| 16                       | Gland fläns         | AISI 316                                                                                     |
| 17                       | Fjäderbricka        | Rostfritt stål                                                                               |
| 18                       | Pinnbult            | AISI 316                                                                                     |
| 19                       | Mutter              | AISI 316                                                                                     |
| 21                       | Spindelpackning     | Grafit                                                                                       |
| 22                       | Plugg               | AISI 316                                                                                     |
| 24                       | Övre fläns          | Stål epoxy                                                                                   |

| Tryck och temperatur:     |                  |
|---------------------------|------------------|
| Max tryck:                | PN16/25          |
| Temperatur RTFE:          | -40 °C – +230 °C |
| Temperatur Metalltätning: | -40 °C – +400 °C |

### Varianter:

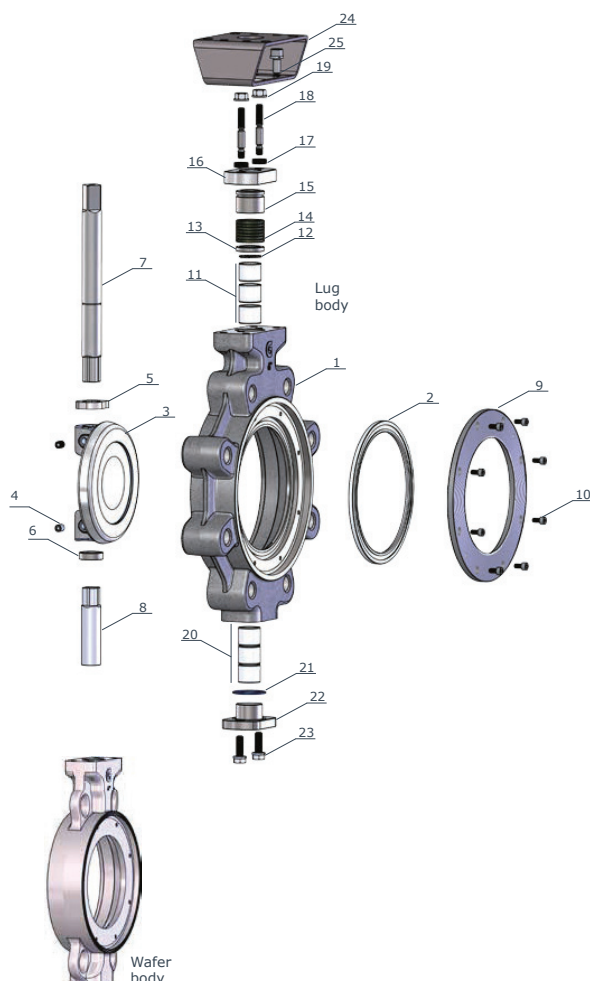
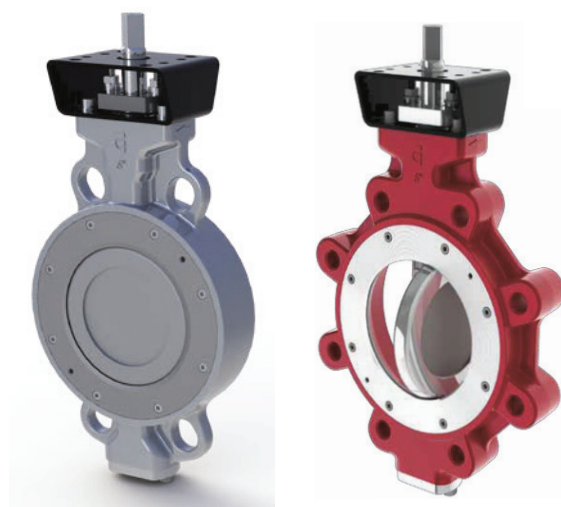
Kan levereras med hus i:

Hastelloy

Monel

Duplex

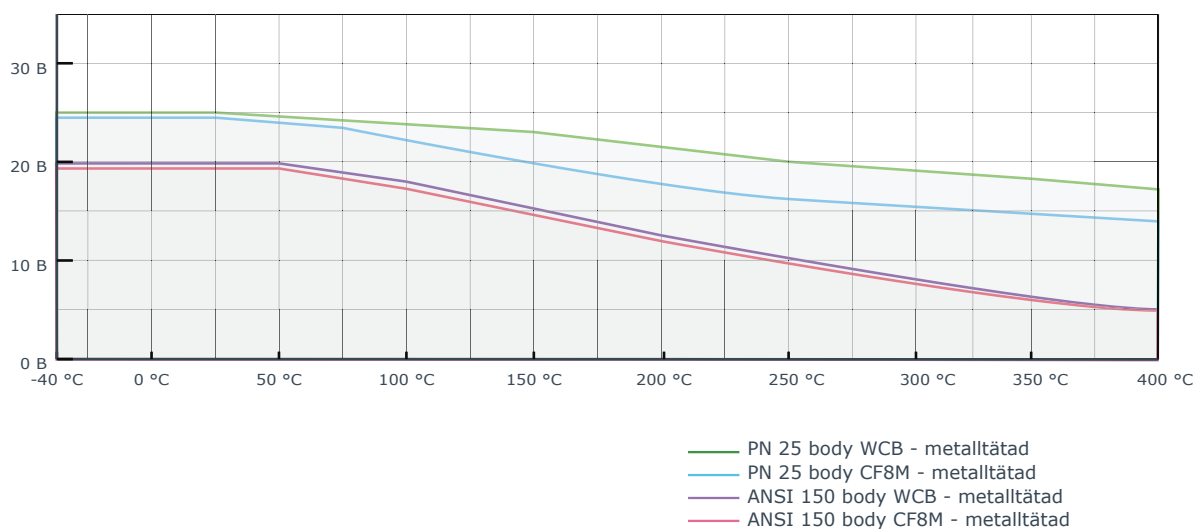
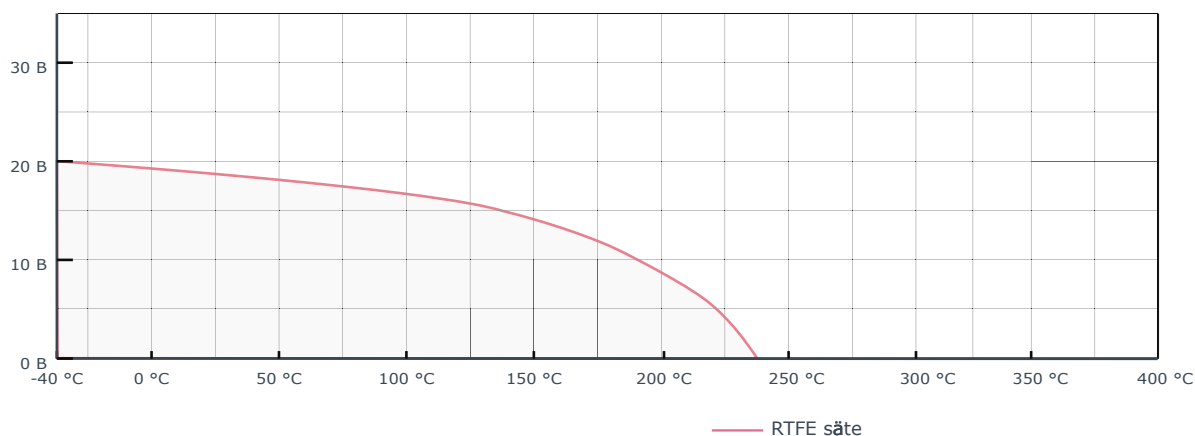
I utförande ANSI 150

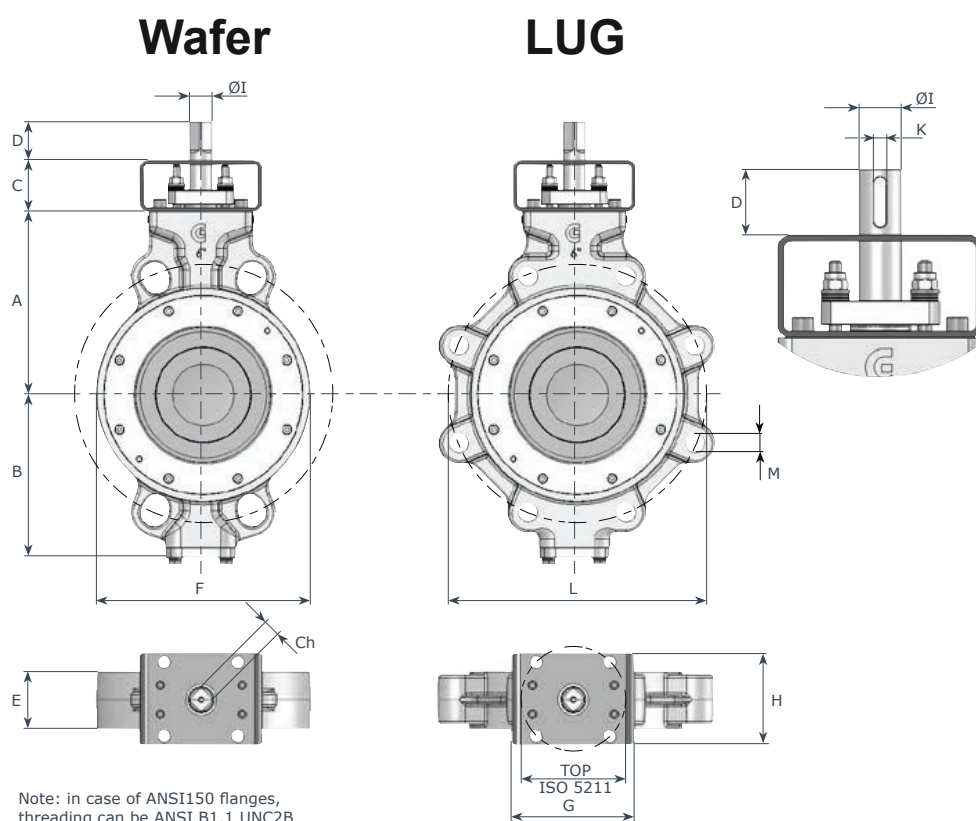


## HD Series – Vridmoment – Nm

| Säte: RTFE<br>Vätska: H <sub>2</sub> O, 20 °C |     |     |     |     | Säte: INCONEL<br>Vätska: H <sub>2</sub> O, 20 °C |     |     |       |       |
|-----------------------------------------------|-----|-----|-----|-----|--------------------------------------------------|-----|-----|-------|-------|
| DN                                            | 10  | 16  | 20  | 25  | DN                                               | 10  | 16  | 20    | 25    |
| 50                                            | 24  | 30  | 40  | 47  | 50                                               | 36  | 44  | 58    | 68    |
| 65                                            | 34  | 38  | 48  | 60  | 65                                               | 51  | 56  | 70    | 86    |
| 80                                            | 38  | 45  | 54  | 68  | 80                                               | 57  | 67  | 78    | 97    |
| 100                                           | 45  | 56  | 62  | 81  | 100                                              | 68  | 83  | 89    | 114   |
| 125                                           | 85  | 90  | 105 | 120 | 125                                              | 124 | 133 | 154   | 168   |
| 150                                           | 130 | 145 | 170 | 210 | 150                                              | 186 | 212 | 248   | 302   |
| 200                                           | 180 | 240 | 270 | 390 | 200                                              | 261 | 350 | 392   | 570   |
| 250                                           | 330 | 450 | 520 | 580 | 250                                              | 480 | 668 | 765   | 848   |
| 300                                           | 580 | 640 | 740 | 850 | 300                                              | 848 | 941 | 1 085 | 1 244 |

## Tryck/Temperatur



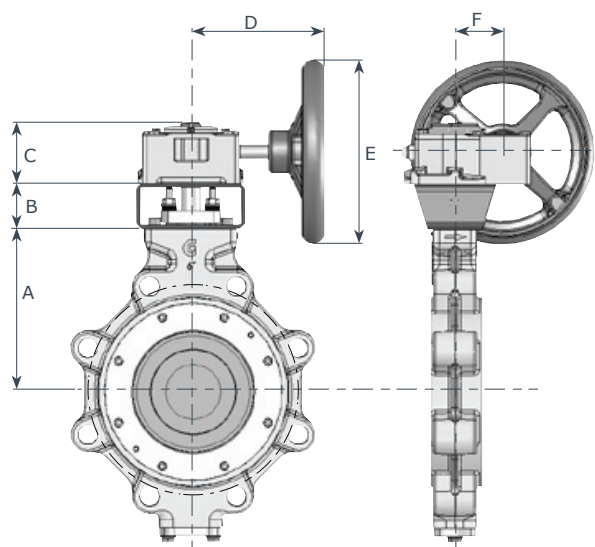


## Mått

| DN  | "     | A   | B   | C  | D  | E  | F   | G   | H   | Ø I | Ch | K  | Top |
|-----|-------|-----|-----|----|----|----|-----|-----|-----|-----|----|----|-----|
| 50  | 2     | 117 | 81  | 50 | 34 | 43 | 95  | 100 | 70  | 14  | 11 | -  | F07 |
| 65  | 2 1/2 | 120 | 93  | 50 | 34 | 46 | 105 | 100 | 70  | 14  | 11 | -  | F07 |
| 80  | 3     | 129 | 101 | 50 | 34 | 46 | 127 | 100 | 70  | 14  | 11 | -  | F07 |
| 100 | 4     | 160 | 128 | 50 | 34 | 52 | 150 | 100 | 70  | 18  | 14 | -  | F07 |
| 125 | 5     | 174 | 159 | 50 | 38 | 56 | 174 | 120 | 90  | 22  | 17 | -  | F10 |
| 150 | 6     | 179 | 168 | 50 | 38 | 56 | 210 | 120 | 90  | 22  | 17 | -  | F10 |
| 200 | 8     | 218 | 207 | 60 | 40 | 61 | 270 | 120 | 90  | 25  | -  | 8  | F10 |
| 250 | 10    | 257 | 232 | 80 | 60 | 69 | 325 | 160 | 130 | 30  | -  | 10 | F12 |
| 300 | 12    | 300 | 270 | 80 | 60 | 78 | 378 | 160 | 130 | 35  | -  | 10 | F12 |

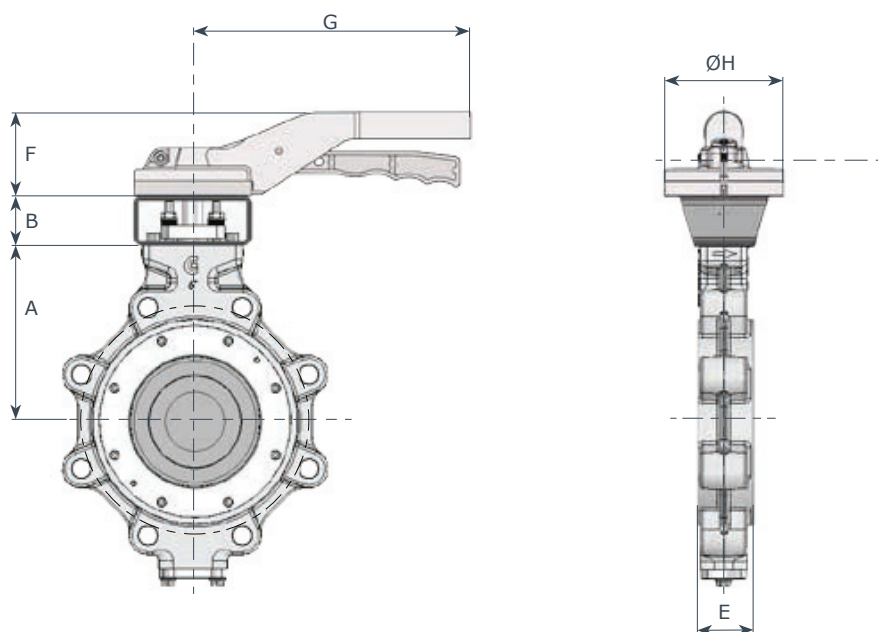
## Bultguide och vikt

| DN  | PN10 |    |     | PN16 |    |     | PN25 |    |     | Vikt kg |      |
|-----|------|----|-----|------|----|-----|------|----|-----|---------|------|
|     | M    | n. | L   | M    | n. | L   | M    | n. | L   | Wafer   | Lug  |
| 50  | M16  | 4  | 125 | M16  | 4  | 125 | M16  | 4  | 125 | 3,5     | 5,7  |
| 65  | M16  | 8  | 145 | M16  | 8  | 145 | M16  | 8  | 145 | 4,0     | 7    |
| 80  | M16  | 8  | 160 | M16  | 8  | 160 | M16  | 8  | 160 | 4,8     | 7,6  |
| 100 | M16  | 8  | 180 | M16  | 8  | 180 | M20  | 8  | 190 | 8       | 9,7  |
| 125 | M16  | 8  | 210 | M16  | 8  | 210 | M24  | 8  | 220 | 10,1    | 14,8 |
| 150 | M20  | 8  | 240 | M20  | 8  | 240 | M24  | 8  | 250 | 13,5    | 17,6 |
| 200 | M20  | 8  | 295 | M20  | 12 | 295 | M24  | 12 | 310 | 22      | 42,6 |
| 250 | M20  | 12 | 350 | M24  | 12 | 355 | M27  | 12 | 370 | 35      | 46   |
| 300 | M20  | 12 | 400 | M24  | 12 | 410 | ~    | ~  | ~   | 50      | 62   |



## Växlar

| DN  | "     | A   | B  | C  | D   | E   | F  | Typ   |
|-----|-------|-----|----|----|-----|-----|----|-------|
| 50  | 2     | 117 | 50 | 55 | 135 | 125 | 43 | AB150 |
| 65  | 2 1/2 | 120 | 50 | 55 | 134 | 125 | 43 | AB150 |
| 80  | 3     | 129 | 50 | 55 | 134 | 125 | 43 | AB150 |
| 100 | 4     | 160 | 50 | 55 | 134 | 125 | 43 | AB150 |
| 125 | 5     | 170 | 50 | 63 | 197 | 200 | 52 | AB215 |
| 150 | 6     | 179 | 50 | 63 | 197 | 200 | 52 | AB215 |
| 200 | 8     | 218 | 60 | 63 | 197 | 200 | 52 | AB215 |
| 250 | 10    | 257 | 80 | 88 | 292 | 300 | 71 | AB550 |
| 300 | 12    | 300 | 80 | 88 | 292 | 300 | 71 | AB550 |



| DN  | "     | A   | B  | E  | F  | G   | Ø H |
|-----|-------|-----|----|----|----|-----|-----|
| 50  | 2     | 117 | 50 | 43 | 67 | 220 | 93  |
| 65  | 2 1/2 | 120 | 50 | 46 | 67 | 220 | 93  |
| 80  | 3     | 129 | 50 | 46 | 67 | 220 | 93  |
| 100 | 4     | 160 | 50 | 52 | 67 | 275 | 93  |