

## BFV-120雙偏心蝶閥

產品特徵：

## SPECIFICATIONS

\*公稱壓力：DN50~DN600 PN16/PN25/CL150/CL300

Working Pressure: DN50~DN600 PN16/PN25/CL150/CL300

\*ISO5211安裝執行器平臺設計

ISO5211 Direct-Mounting of Actuators of Valves Design

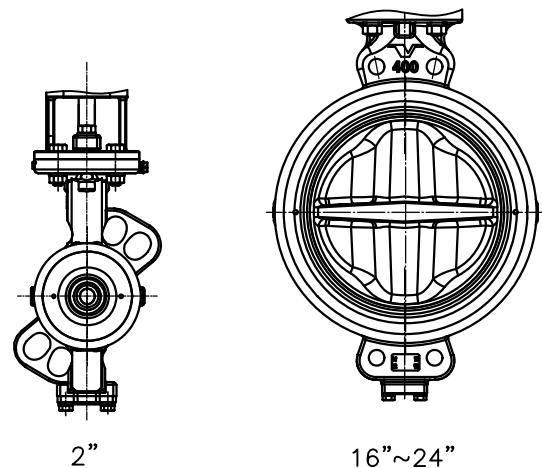
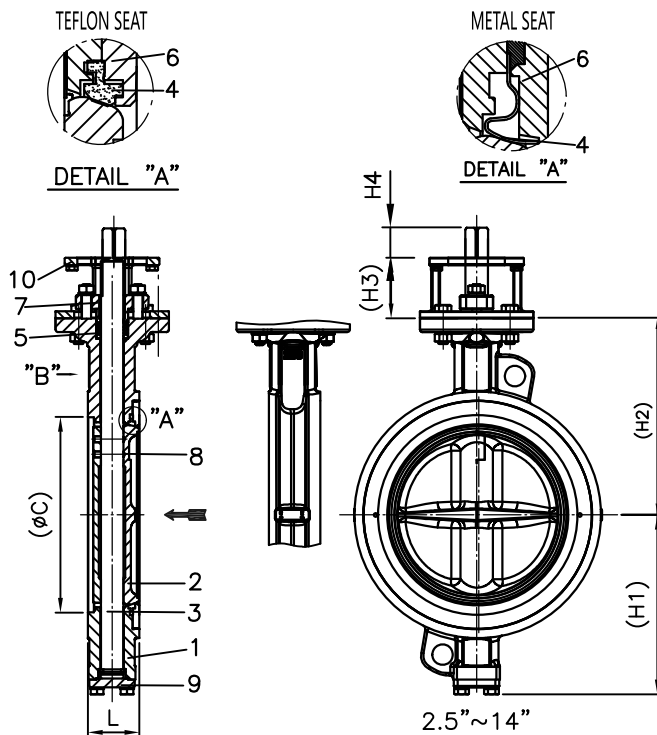
\*防靜電裝置 Antistatic Device

\*操作方式：手柄/蝸輪蝸杆/執行器

Operator: Lever/Gear/Actuator



型號：BFV-120



## DIMENSIONS

Unit:mm

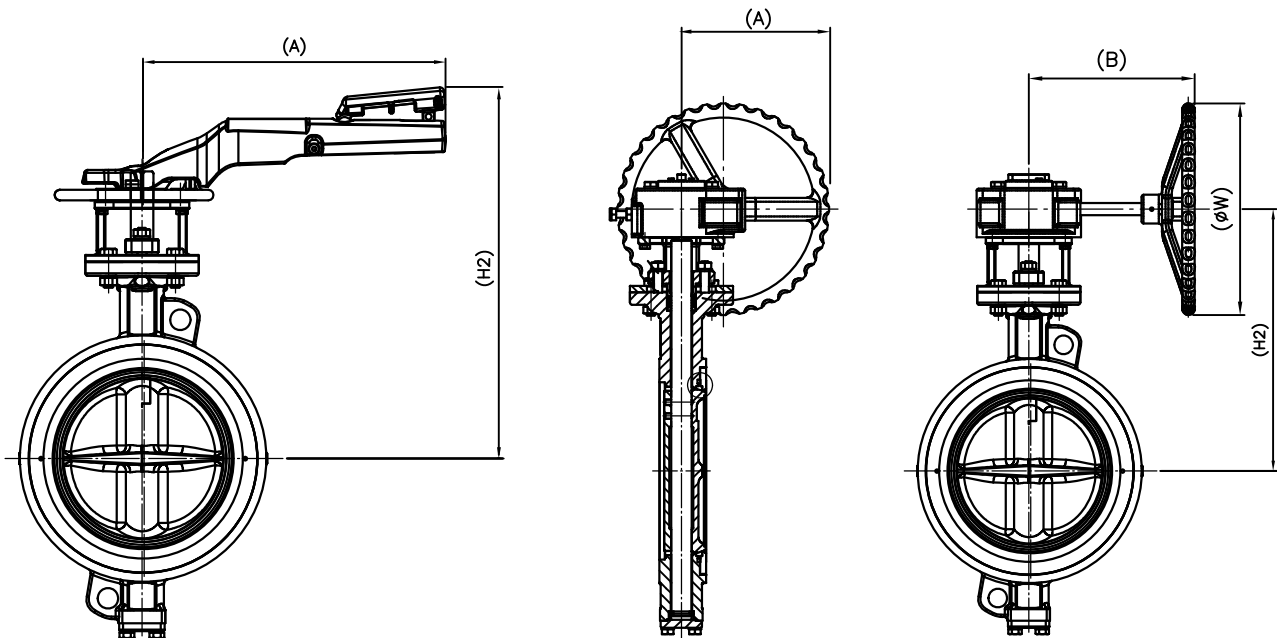
| SIZE | L   | C   | H1  | H2  | H3  | H4 |
|------|-----|-----|-----|-----|-----|----|
| 50   | 43  | 58  | 99  | 215 | 60  | 18 |
| 65   | 46  | 78  | 110 | 222 | 60  | 18 |
| 80   | 47  | 92  | 128 | 247 | 70  | 23 |
| 100  | 53  | 110 | 150 | 269 | 70  | 23 |
| 125  | 56  | 135 | 163 | 282 | 70  | 23 |
| 150  | 57  | 162 | 176 | 297 | 70  | 23 |
| 200  | 62  | 205 | 206 | 341 | 80  | 28 |
| 250  | 68  | 258 | 238 | 381 | 80  | 28 |
| 300  | 78  | 303 | 269 | 443 | 100 | 28 |
| 350  | 78  | 360 | 306 | 479 | 100 | 37 |
| 400  | 102 | 410 | 342 | 546 | 120 | 47 |
| 450  | 114 | 460 | 370 | 571 | 120 | 47 |
| 500  | 127 | 510 | 399 | 606 | 120 | 56 |
| 600  | 154 | 610 | 455 | 785 | 150 | 56 |

## MATERIAL LIST

| ITEM | PART NAME            | MATERIAL                           |
|------|----------------------|------------------------------------|
| 1    | BODY                 | A216 WCB/A351 CF8/A351 CF8M        |
| 2    | DISC                 | A351 CF8/A351 CF8M                 |
| 3    | STEM                 | A182 F304/F316/A479 XM-19/A536 630 |
| 4    | TEFLON SEAT          | PTFE/PTFE+FIBER/PTFE/GRAPHITE      |
|      | METAL SEAT           | A240 316/INCONEL 718               |
| 5    | GLAND PACKING        | PTFE/RPTFE                         |
|      | GLAND PACKING        | GRAPHITE                           |
| 6    | RETAINER             | A351 CF8/CF8M                      |
| 7    | GLAND 2"-14"         | SAME AS BODY(*)                    |
|      | GLAND 16"-24"        | ASTM A351 CF8M                     |
| 8    | PIN                  | ASTM A182 F316                     |
| 9    | BOTTOM COVER 2"-14"  | ASTM A351 CF8M                     |
|      | BOTTOM COVER 16"-24" | SAME AS BODY(*)                    |
| 10   | YOKE 2"-20"          | ASTM A216 WCB                      |
|      | YOKE 24"             | ASTM A536 65-45-12                 |

( \* ) The gland material is CF8 when the body is WCB

## BFV-120A/C手柄與蝸輪蝸桿安裝尺寸

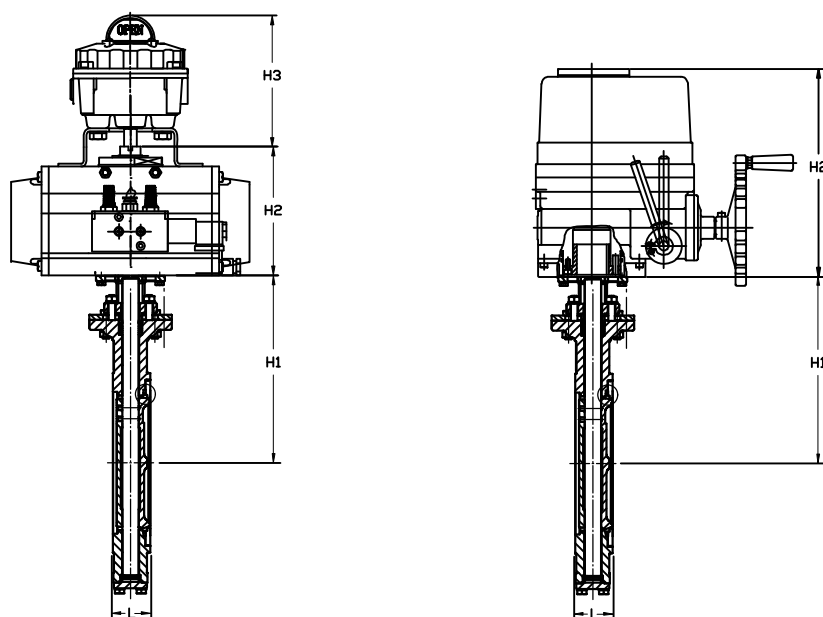


### DIMENSIONS

Unit:mm

| SIZE | LEVER               |     |     | GEAR                |       |     |     |     |
|------|---------------------|-----|-----|---------------------|-------|-----|-----|-----|
|      | Operator Series no. | H2  | A   | Operator Series no. | H2    | B   | B   | W   |
| 50   | L7A                 | 250 | 200 | C07                 | 215   | 116 | 155 | 150 |
| 65   | L7A                 | 257 | 200 | C07                 | 222   | 116 | 155 | 150 |
| 80   | L7B                 | 282 | 250 | C07                 | 247   | 116 | 155 | 150 |
| 100  | L7B                 | 299 | 250 | C10                 | 268.5 | 163 | 195 | 200 |
| 125  | L10                 | 318 | 355 | C10                 | 281.5 | 163 | 195 | 200 |
| 150  | L10                 | 333 | 355 | C10                 | 296.5 | 163 | 195 | 200 |
| 200  | L10                 | 378 | 355 | C12                 | 341   | 216 | 255 | 310 |
| 250  |                     |     |     | C12                 | 381   | 216 | 255 | 310 |
| 300  |                     |     |     | C14                 | 443   | 281 | 340 | 400 |
| 350  |                     |     |     | C14                 | 479   | 281 | 340 | 400 |
| 400  |                     |     |     | A2                  | 546   | 323 | 307 | 400 |
| 450  |                     |     |     | A2                  | 571   | 323 | 307 | 400 |
| 500  |                     |     |     | A2                  | 606   | 323 | 307 | 400 |
| 600  |                     |     |     | A2                  | 692   | 323 | 307 | 400 |

## BFV-120A控制蝶閥配置及安裝尺寸表



BFV-120A控制蝶閥配置及安裝尺寸表 ( 16KG工作壓力 )

Unit: mm

| SIZE   | L     | H1  | H2                     |       |       |       |       |     |                        |       |          |     |         | H3                |         |              |
|--------|-------|-----|------------------------|-------|-------|-------|-------|-----|------------------------|-------|----------|-----|---------|-------------------|---------|--------------|
|        |       |     | Double Acting Actuator |       |       |       |       |     | Spring Return Actuator |       |          |     |         | Electric Actuator |         | Limit Switch |
|        |       |     | 4KG                    |       | 5KG   |       | 6KG   |     | 5KG                    |       | 6KG      |     |         | Model             |         |              |
|        |       |     | Model                  |       | Model |       | Model |     | Model                  |       | Model    |     | Model   |                   | Model   |              |
| 2"     | 43    | 178 | 63DA                   | 108   | 63DA  | 108   | 63DA  | 108 | 75SR-10                | 125   | 75SR-12  | 125 | ITQ80   | 118               | 121/149 |              |
| 2-1/2" | 46    | 185 | 63DA                   | 108   | 63DA  | 108   | 63DA  | 108 | 75SR-10                | 125   | 75SR-12  | 125 | ITQ80   | 118               | 121/149 |              |
| 3"     | 47    | 210 | 75DA                   | 125   | 75DA  | 125   | 63DA  | 108 | 85SR-09                | 138   | 85SR-11  | 138 | ITQ80   | 118               | 121/149 |              |
| 4"     | 53    | 227 | 85DA                   | 138   | 75DA  | 125   | 75DA  | 125 | 100SR-10               | 151   | 100SR-12 | 151 | ITQ80   | 118               | 121/149 |              |
| 5"     | 57    | 240 | 100D                   | 151   | 100DA | 151   | 85DA  | 138 | 115SR-10               | 175   | 115SR-12 | 175 | ITQ80   | 118               | 121/149 |              |
| 6"     | 56    | 255 | 115D                   | 175   | 100DA | 151   | 100D  | 151 | 145SR-10               | 209.5 | 125SR-12 | 190 | ITQ160  | 259               | 121/149 |              |
| 8"     | 62    | 300 | 125D                   | 190   | 115DA | 175   | 115D  | 175 | 160SR-10               | 230   | 145SR-12 | 209 | ITQ240  | 259               | 121/149 |              |
| 10"    | 68    | 340 | 145D                   | 209.5 | 145DA | 209.5 | 125D  | 190 | 180SR-10               | 253   | 180SR-12 | 253 | ITQ350  | 288               | 121/149 |              |
| 12"    | 78    | 390 | 180D                   | 253   | 160DA | 230   | 160D  | 230 | 240SR-10               | 348   | 200SR-12 | 277 | ITQ500  | 288               | 121/149 |              |
| 14"    | 78/92 | 426 | 240D                   | 348   | 200DA | 277   | 200D  | 277 | 265SR-11               | 389   | 265SR-12 | 389 | ITQ1100 | 313               | 121/149 |              |
| 16"    | 102   | 490 | 240D                   | 348   | 240DA | 348   | 240D  | 348 | 265SR-11               | 389   | 265SR-12 | 389 | ITQ2000 | 385               | 121/149 |              |
| 18"    | 14    | 515 | 265D                   | 389   | 240DA | 348   | 240D  | 348 | 300SR-10               | 410   | 300SR-12 | 410 | ITQ2000 | 385               | 121/149 |              |
| 20"    | 127   | 550 | 265D                   | 389   | 240DA | 348   | 240D  | 348 | 350SR-10               | 465   | 300SR-12 | 410 | ITQ2000 | 385               | 121/149 |              |
| 24"    | 154   | 640 | 300D                   | 410   | 265DA | 389   | 265D  | 389 | 350SR-10               | 465   | 350SR-12 | 465 | ITQ3000 | 385               | 121/149 |              |

BFV-120A控制蝶閥配置及安裝尺寸表 ( 25KG工作壓力 )

Unit: mm

| SIZE   | L     | H1  | H2                     |       |       |       |       |     |                        |       |          |     |         | H3                |            |              |
|--------|-------|-----|------------------------|-------|-------|-------|-------|-----|------------------------|-------|----------|-----|---------|-------------------|------------|--------------|
|        |       |     | Double Acting Actuator |       |       |       |       |     | Spring Return Actuator |       |          |     |         | Electric Actuator |            | Limit Switch |
|        |       |     | 4KG                    |       | 5KG   |       | 6KG   |     | 5KG                    |       | 6KG      |     |         |                   |            |              |
|        |       |     | Model                  |       | Model |       | Model |     | Model                  |       | Model    |     | Model   |                   | ITS100/300 |              |
| 2"     | 43    | 178 | 75DA                   | 125   | 63DA  | 108   | 63DA  | 108 | 85SR-09                | 138   | 75SR-12  | 125 | ITQ80   | 118               | 121/149    |              |
| 2-1/2" | 46    | 185 | 75DA                   | 125   | 75DA  | 125   | 75DA  | 125 | 100SR-10               | 151   | 100SR-12 | 151 | ITQ80   | 118               | 121/149    |              |
| 3"     | 47    | 210 | 85DA                   | 138   | 85DA  | 138   | 75DA  | 125 | 115SR-10               | 175   | 100SR-12 | 151 | ITQ80   | 118               | 121/149    |              |
| 4"     | 53    | 227 | 100D                   | 151   | 85DA  | 138   | 85DA  | 138 | 115SR-10               | 175   | 115SR-12 | 175 | ITQ80   | 118               | 121/149    |              |
| 5"     | 57    | 240 | 115D                   | 175   | 100DA | 151   | 100D  | 151 | 145SR-10               | 209.5 | 125SR-12 | 190 | ITQ160  | 259               | 121/149    |              |
| 6"     | 56    | 255 | 125D                   | 190   | 115DA | 175   | 115D  | 175 | 160SR-10               | 230   | 145SR-12 | 209 | ITQ240  | 259               | 121/149    |              |
| 8"     | 62    | 300 | 145D                   | 209.5 | 125DA | 190   | 115D  | 175 | 180SR-10               | 253   | 160SR-12 | 230 | ITQ240  | 259               | 121/149    |              |
| 10"    | 68    | 340 | 160D                   | 230   | 145DA | 209.5 | 145D  | 209 | 200SR-10               | 277   | 200SR-12 | 277 | ITQ500  | 288               | 121/149    |              |
| 12"    | 78    | 390 | 200D                   | 277   | 180DA | 253   | 160D  | 230 | 240SR-10               | 348   | 240SR-12 | 348 | ITQ800  | 313               | 121/149    |              |
| 14"    | 78/92 | 426 | 240D                   | 348   | 240DA | 348   | 240D  | 348 | 300SR-10               | 410   | 300SR-12 | 410 | ITQ2000 | 385               | 121/149    |              |
| 16"    | 102   | 490 | 265D                   | 389   | 240DA | 348   | 240D  | 348 | 350SR-10               | 465   | 300SR-12 | 410 | ITQ2000 | 385               | 121/149    |              |
| 18"    | 14    | 515 | 265D                   | 389   | 265DA | 389   | 240D  | 348 | 350SR-10               | 465   | 350SR-12 | 465 | ITQ2000 | 385               | 121/149    |              |
| 20"    | 127   | 550 | 300D                   | 410   | 265DA | 389   | 265D  | 389 | 350SR-10               | 465   | 350SR-12 | 465 | ITQ3000 | 385               | 121/149    |              |
| 24"    | 154   | 640 | 350D                   | 465   | 300DA | 410   | 265D  | 389 | 400SR-10               | 522   | 400SR-12 | 522 | ITQ3000 | 385               | 121/149    |              |