

# BUTTERFLY VALVE SERIES



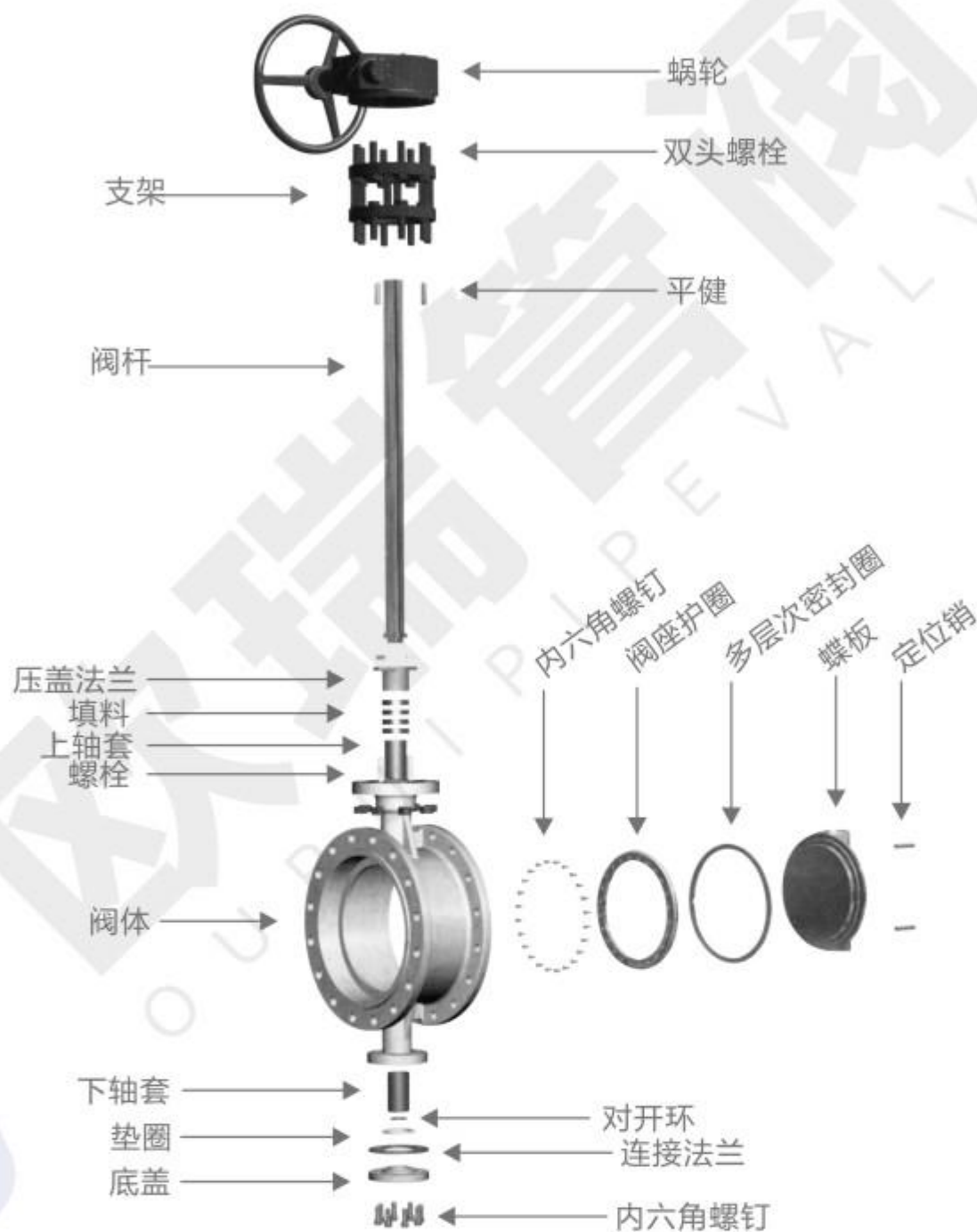
05

蝶阀  
系列

## 蝶阀概述

Butterfly valve overview

本蝶阀采用三偏心多层次金属密封结构，主要适用于石油、天然气、化工、冶金、电厂、给排水工程等不同介质的关路上作用调节流量、截断或接通流体之用。



DN15~1000 | 16Mpa~100Mpa

2"-16" | Class 150~Class 2500

## 材质清单

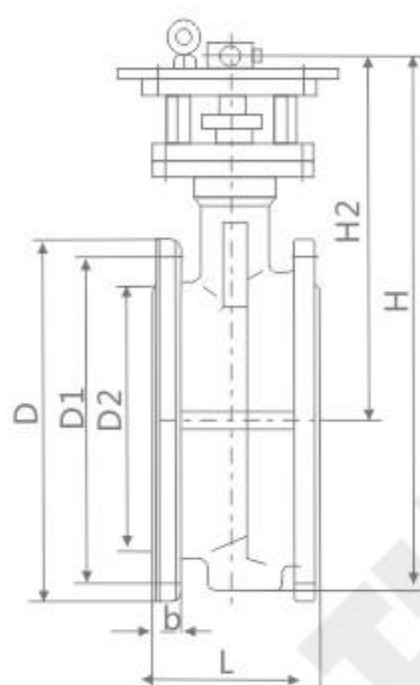
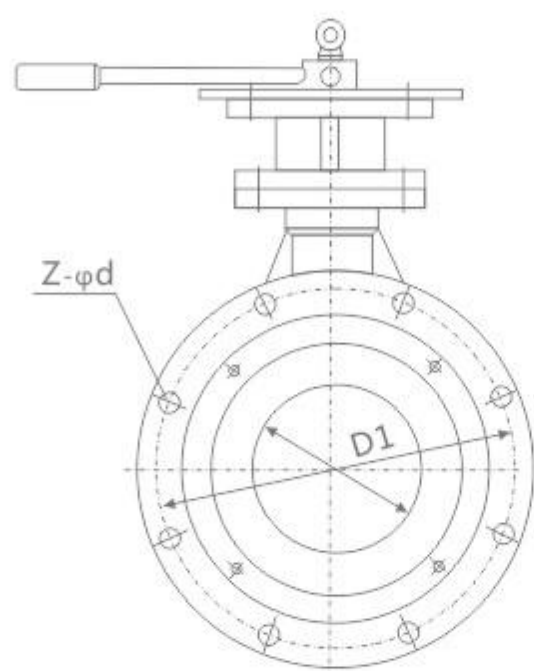
| 产品规范<br>Product<br>Specification | 设计规范<br>Design spec. | 结构长度<br>Face to Face | 连接法兰<br>Flange End | 试验与检验<br>Test & Check | 压力—温度<br>Pressure-Temp. | 产品标识<br>Marking | 供货规范<br>Supply |
|----------------------------------|----------------------|----------------------|--------------------|-----------------------|-------------------------|-----------------|----------------|
|                                  | GB/T 12234           | GB/T 12221           | JB/T 79            | JB/T 9092             | GB/T 9124               | GB/T 12220      | JB/T 7926      |
|                                  | API 600              | ASME B16.10          | ASME B16.5         | API 598               | ASME B16.34             |                 |                |

## 材质清单

| 部件part Name              | 国标 /GB                            |                            |                    | 美标 /ASME                   |                            |                    |
|--------------------------|-----------------------------------|----------------------------|--------------------|----------------------------|----------------------------|--------------------|
| 阀体Body/Bonnet            | WCB                               | ZGCr5Mo                    | 304                | A216 WCB                   | A217 WC6                   | A351 CF8           |
| 蝶板Butterfly plate        | 304                               | 304                        | 304                | 304                        | 304                        | 304                |
| 阀杆Stem                   | 13Cr                              | 25Cr2MoV                   | 304                | A182 F6a                   | A217 WC6                   | A351 CF8           |
| 填料Packing                | 聚四氟乙烯/PTFE 柔性石墨/Flexible Graphite |                            |                    |                            |                            |                    |
| 垫片Gasket                 | 304+柔性石墨/Flexible Graphite        |                            |                    |                            |                            |                    |
| 螺栓Bolt                   | 35/35CrMo                         | 25Cr2MoV                   | 304                | A193 B7                    | A193 B7                    | A193 B8            |
| 适用温度Suitable temperature | -29~425℃                          | -29~550℃                   | -40~200℃           | -29~425℃                   | -29~540℃                   | -46~425℃           |
| 适用介质Applicable medium    | 水、油品、蒸汽<br>Water,Oil,Steam        | 水、油品、蒸汽<br>Water,Oil,Steam | 硝酸类<br>Nitric Acid | 水、油品、蒸汽<br>Water,Oil,Steam | 水、油品、蒸汽<br>Water,Oil,Steam | 硝酸类<br>Nitric Acid |

## D43H手动法兰式金属硬密封蝶阀

Manual flange type metal hard seal butterfly valve



### 应用规范

设计、制造按GB/T12238-1989  
结构长度按GB/T12221-2005  
连接法兰：GB/T9113-2000  
阀门检查和试验按JB/T9092-1999

### Application specification

Design, manufacture : GB/T12238-1989  
Length of the structure : GB/T12221-2005  
Connecting flange : GB/T9113-2000  
Valve inspection and test : JB/T9092-1999

### D43<sup>H</sup><sub>F</sub>-10C.P.R连接尺寸

| 通径DN | L   | D   | D1  | D2  | Z-Φd | b  | H   | H2  |
|------|-----|-----|-----|-----|------|----|-----|-----|
| 50   | 108 | 165 | 125 | 99  | 4-18 | 20 | 340 | 112 |
| 65   | 112 | 185 | 145 | 118 | 4-18 | 20 | 360 | 115 |
| 80   | 114 | 200 | 160 | 132 | 8-18 | 20 | 380 | 120 |
| 100  | 127 | 220 | 180 | 156 | 8-18 | 22 | 410 | 130 |
| 125  | 140 | 250 | 210 | 184 | 8-18 | 22 | 460 | 165 |
| 150  | 140 | 285 | 240 | 211 | 8-22 | 24 | 490 | 175 |

### D43<sup>H</sup><sub>F</sub>-16C.P.R连接尺寸

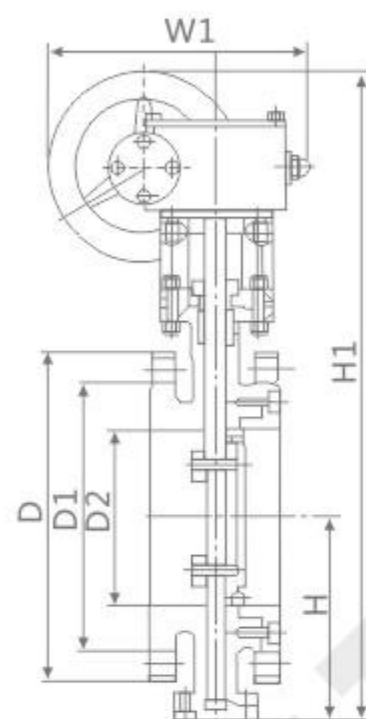
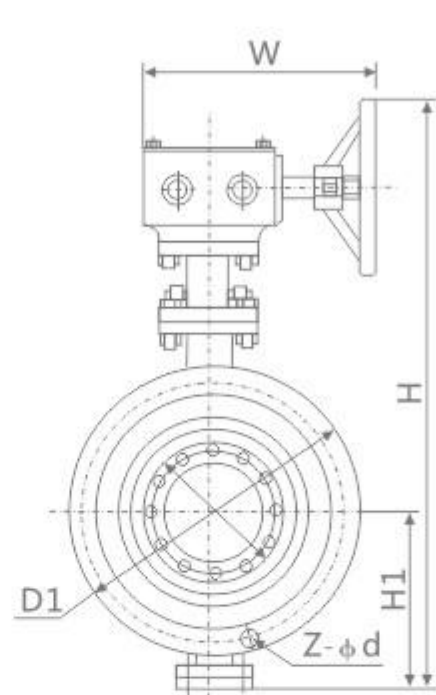
| 通径DN | L   | D   | D1  | D2  | Z-Φd | b  | H   | H2  |
|------|-----|-----|-----|-----|------|----|-----|-----|
| 50   | 108 | 165 | 125 | 99  | 4-18 | 20 | 340 | 112 |
| 65   | 112 | 185 | 145 | 118 | 4-18 | 20 | 360 | 115 |
| 80   | 114 | 200 | 160 | 132 | 8-18 | 20 | 380 | 120 |
| 100  | 127 | 220 | 180 | 156 | 8-18 | 22 | 410 | 130 |
| 125  | 140 | 250 | 210 | 184 | 8-18 | 22 | 460 | 165 |
| 150  | 140 | 285 | 240 | 211 | 8-22 | 24 | 490 | 175 |

### D43<sup>H</sup><sub>F</sub>-25C.P.R连接尺寸

| 通径DN | L   | D   | D1  | D2  | Z-Φd | b  | H   | H2  |
|------|-----|-----|-----|-----|------|----|-----|-----|
| 50   | 108 | 165 | 125 | 99  | 4-18 | 20 | 340 | 112 |
| 65   | 112 | 185 | 145 | 118 | 8-18 | 22 | 360 | 115 |
| 80   | 114 | 200 | 160 | 132 | 8-18 | 24 | 380 | 120 |
| 100  | 127 | 235 | 190 | 156 | 8-22 | 24 | 425 | 130 |
| 125  | 140 | 270 | 220 | 184 | 8-26 | 26 | 480 | 175 |
| 150  | 140 | 300 | 250 | 211 | 8-26 | 28 | 520 | 190 |

## D343H蜗轮传动法兰式金属硬密封蝶阀

Worm drive flange type metal hard seal butterfly valve

D343<sup>H</sup><sub>F</sub>-10C.P.R连接尺寸

## 应用规范

设计、制造按GB/T12238-1989

结构长度按GB/T12221-2005

连接法兰：GB/T9113-2000

阀门检查和试验按JB/T9092-1999

## Application specification

Design, manufacture : GB/T12238-1989

Length of the structure : GB/T12221-2005

Connecting flange : GB/T9113-2000

Valve inspection and test : JB/T9092-1999

| 通径DN | L   | D    | D1   | D2   | Z-Φd  | b  | H    | H1   | W    | W1  | D0  |
|------|-----|------|------|------|-------|----|------|------|------|-----|-----|
| 50   | 108 | 165  | 125  | 99   | 4-18  | 20 | 360  | 112  | 200  | 200 | 160 |
| 65   | 112 | 185  | 145  | 118  | 4-18  | 20 | 380  | 115  | 200  | 200 | 160 |
| 80   | 114 | 200  | 160  | 132  | 8-18  | 20 | 455  | 120  | 220  | 200 | 160 |
| 100  | 127 | 220  | 180  | 156  | 8-18  | 22 | 490  | 140  | 240  | 200 | 160 |
| 125  | 140 | 250  | 210  | 184  | 8-18  | 22 | 490  | 170  | 260  | 200 | 160 |
| 150  | 140 | 285  | 240  | 211  | 8-22  | 24 | 630  | 180  | 280  | 280 | 240 |
| 200  | 152 | 340  | 295  | 266  | 8-22  | 24 | 690  | 210  | 320  | 280 | 240 |
| 250  | 165 | 395  | 350  | 319  | 12-22 | 26 | 830  | 240  | 360  | 280 | 240 |
| 300  | 178 | 445  | 400  | 370  | 12-22 | 26 | 930  | 290  | 460  | 420 | 310 |
| 350  | 190 | 505  | 460  | 429  | 16-22 | 26 | 1010 | 320  | 500  | 420 | 310 |
| 400  | 216 | 565  | 515  | 480  | 16-26 | 26 | 1070 | 350  | 540  | 420 | 310 |
| 450  | 222 | 615  | 565  | 530  | 20-26 | 28 | 1140 | 380  | 580  | 420 | 310 |
| 500  | 229 | 670  | 620  | 582  | 20-26 | 28 | 1200 | 410  | 620  | 420 | 310 |
| 600  | 267 | 780  | 725  | 682  | 20-30 | 34 | 1340 | 470  | 660  | 420 | 310 |
| 700  | 292 | 895  | 840  | 794  | 24-30 | 34 | 1600 | 550  | 750  | 550 | 400 |
| 800  | 318 | 1015 | 950  | 901  | 24-33 | 36 | 1780 | 640  | 800  | 550 | 400 |
| 900  | 330 | 1115 | 1050 | 1001 | 28-33 | 38 | 1920 | 710  | 850  | 550 | 400 |
| 1000 | 410 | 1230 | 1160 | 1112 | 28-36 | 38 | 1960 | 770  | 1000 | 750 | 500 |
| 1200 | 470 | 1455 | 1380 | 1328 | 32-39 | 44 | 2360 | 875  | 1050 | 750 | 500 |
| 1400 | 530 | 1675 | 1590 | 1530 | 36-42 | 48 | 2530 | 970  | 800  | 890 | 600 |
| 1600 | 600 | 1915 | 1820 | 1750 | 40-48 | 52 | 2640 | 1100 | 800  | 890 | 600 |
| 1800 | 670 | 2115 | 2020 | 1950 | 44-48 | 56 | 2800 | 1200 | 830  | 920 | 700 |
| 2000 | 760 | 2325 | 2230 | 2150 | 48-48 | 60 | 3100 | 1290 | 850  | 940 | 700 |

## D343H蜗轮传动法兰式金属硬密封蝶阀

Worm drive flange type metal hard seal butterfly valve

D343 H<sub>F</sub>-16C.P.R连接尺寸

| 通径DN | L   | D    | D1   | D2   | Z-Φd  | b  | H    | H1   | W    | W1  | D0  |
|------|-----|------|------|------|-------|----|------|------|------|-----|-----|
| 50   | 108 | 165  | 125  | 99   | 4-18  | 20 | 360  | 112  | 200  | 200 | 160 |
| 65   | 112 | 185  | 145  | 118  | 4-18  | 20 | 380  | 115  | 200  | 200 | 160 |
| 80   | 114 | 200  | 160  | 132  | 8-18  | 20 | 455  | 120  | 220  | 200 | 160 |
| 100  | 127 | 220  | 180  | 156  | 8-18  | 22 | 490  | 140  | 240  | 200 | 160 |
| 125  | 140 | 250  | 210  | 184  | 8-18  | 22 | 490  | 170  | 260  | 200 | 160 |
| 150  | 140 | 285  | 240  | 211  | 8-22  | 24 | 630  | 180  | 280  | 280 | 240 |
| 200  | 152 | 340  | 295  | 266  | 12-22 | 24 | 690  | 210  | 320  | 280 | 240 |
| 250  | 165 | 405  | 355  | 319  | 12-26 | 26 | 830  | 240  | 360  | 280 | 240 |
| 300  | 178 | 460  | 410  | 370  | 12-26 | 28 | 930  | 290  | 460  | 420 | 310 |
| 350  | 190 | 520  | 470  | 429  | 16-26 | 30 | 1010 | 320  | 500  | 420 | 310 |
| 400  | 216 | 580  | 525  | 480  | 16-30 | 32 | 1070 | 350  | 540  | 420 | 310 |
| 450  | 222 | 640  | 585  | 548  | 20-30 | 40 | 1140 | 380  | 580  | 420 | 310 |
| 500  | 229 | 715  | 650  | 609  | 20-33 | 44 | 1200 | 410  | 620  | 420 | 310 |
| 600  | 267 | 840  | 770  | 720  | 20-36 | 44 | 1340 | 470  | 660  | 420 | 310 |
| 700  | 292 | 910  | 840  | 794  | 24-36 | 50 | 1600 | 550  | 750  | 550 | 400 |
| 800  | 318 | 1025 | 950  | 901  | 24-39 | 52 | 1780 | 640  | 800  | 550 | 400 |
| 900  | 330 | 1125 | 1050 | 1001 | 28-39 | 54 | 1920 | 710  | 850  | 550 | 400 |
| 1000 | 410 | 1255 | 1170 | 1112 | 28-42 | 56 | 1960 | 770  | 1000 | 750 | 500 |
| 1200 | 470 | 1485 | 1390 | 1328 | 32-48 | 44 | 2360 | 875  | 1050 | 750 | 500 |
| 1400 | 530 | 1690 | 1590 | 1530 | 36-48 | 48 | 2530 | 970  | 800  | 890 | 600 |
| 1600 | 600 | 1930 | 1820 | 1750 | 40-56 | 52 | 2640 | 1100 | 800  | 890 | 600 |

D343 H<sub>F</sub>-25C.P.R连接尺寸

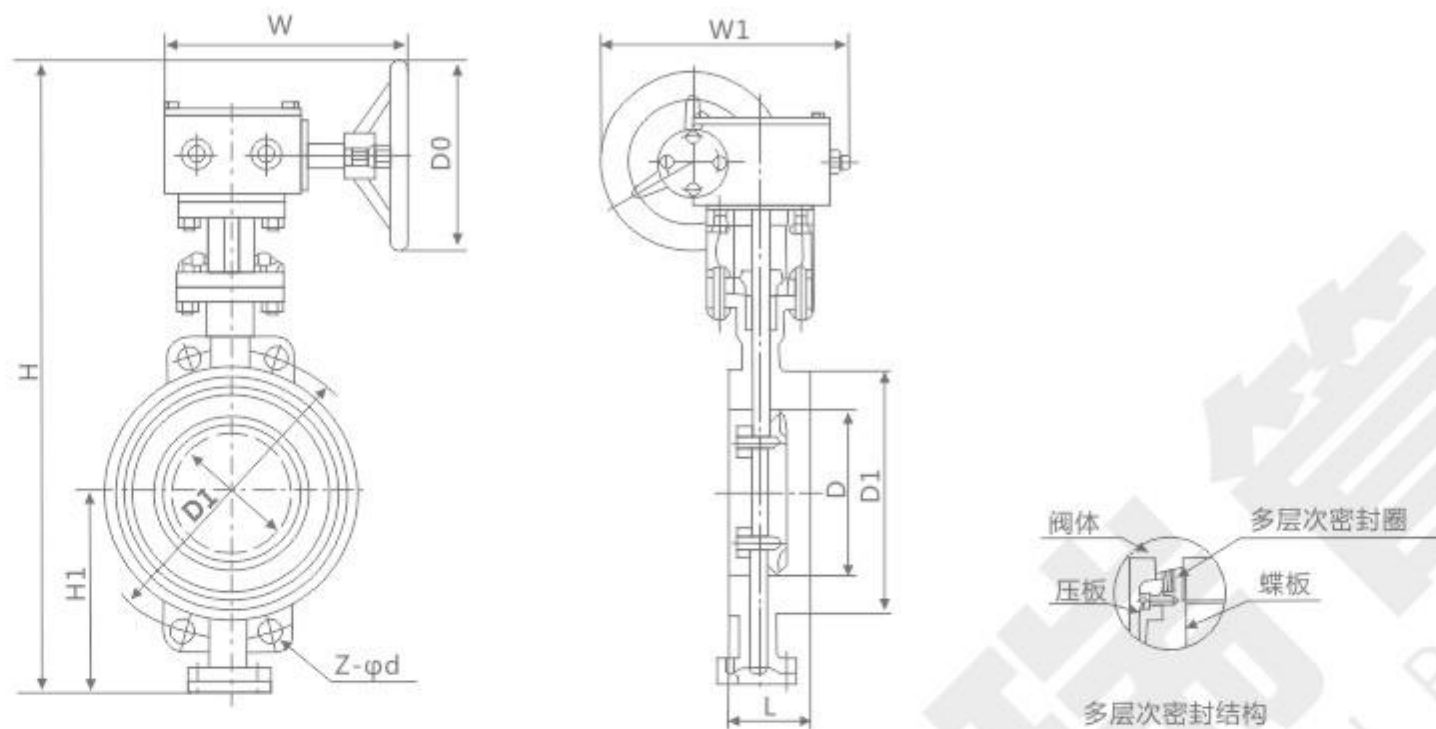
| 通径DN | L   | D    | D1   | D2   | Z-Φd  | b  | H    | H1  | W    | W1  | D0  |
|------|-----|------|------|------|-------|----|------|-----|------|-----|-----|
| 50   | 108 | 165  | 125  | 99   | 4-18  | 20 | 360  | 112 | 200  | 200 | 160 |
| 65   | 112 | 185  | 145  | 118  | 8-18  | 22 | 380  | 115 | 200  | 200 | 160 |
| 80   | 114 | 200  | 160  | 132  | 8-18  | 24 | 455  | 120 | 220  | 200 | 160 |
| 100  | 127 | 235  | 190  | 156  | 8-22  | 24 | 490  | 140 | 240  | 200 | 160 |
| 125  | 140 | 270  | 220  | 184  | 8-26  | 26 | 490  | 170 | 260  | 200 | 160 |
| 150  | 140 | 300  | 250  | 211  | 8-26  | 28 | 630  | 180 | 280  | 280 | 240 |
| 200  | 152 | 360  | 310  | 274  | 12-26 | 30 | 690  | 210 | 320  | 280 | 240 |
| 250  | 165 | 425  | 370  | 330  | 12-30 | 32 | 830  | 240 | 360  | 280 | 240 |
| 300  | 178 | 485  | 430  | 389  | 16-30 | 34 | 930  | 290 | 460  | 420 | 310 |
| 350  | 190 | 555  | 490  | 448  | 16-33 | 38 | 1010 | 320 | 500  | 420 | 310 |
| 400  | 216 | 620  | 550  | 503  | 16-36 | 40 | 1070 | 350 | 540  | 420 | 310 |
| 450  | 222 | 670  | 600  | 548  | 20-36 | 46 | 1140 | 380 | 580  | 420 | 310 |
| 500  | 229 | 730  | 660  | 609  | 20-36 | 48 | 1200 | 410 | 620  | 420 | 310 |
| 600  | 267 | 845  | 770  | 720  | 20-39 | 58 | 1340 | 470 | 660  | 420 | 310 |
| 700  | 292 | 960  | 875  | 820  | 24-42 | 50 | 1600 | 550 | 750  | 550 | 400 |
| 800  | 318 | 1085 | 990  | 928  | 24-48 | 54 | 1780 | 640 | 800  | 550 | 400 |
| 900  | 330 | 1185 | 1090 | 1028 | 28-48 | 58 | 1920 | 710 | 850  | 550 | 400 |
| 1000 | 410 | 1320 | 1210 | 1140 | 28-55 | 62 | 1960 | 770 | 1000 | 750 | 500 |

D343 H<sub>F</sub>-40C.P.R连接尺寸

| 通径DN | L   | D   | D1  | D2  | D6  | Z-Φd  | b  | H    | H1  | W   | W1  | D0  |
|------|-----|-----|-----|-----|-----|-------|----|------|-----|-----|-----|-----|
| 50   | 150 | 165 | 125 | 99  | 88  | 4-18  | 20 | 360  | 112 | 200 | 200 | 160 |
| 65   | 170 | 185 | 145 | 118 | 110 | 8-18  | 22 | 380  | 115 | 200 | 200 | 160 |
| 80   | 180 | 200 | 160 | 132 | 121 | 8-18  | 24 | 455  | 120 | 220 | 200 | 160 |
| 100  | 190 | 235 | 190 | 156 | 150 | 8-22  | 24 | 490  | 140 | 240 | 200 | 160 |
| 125  | 200 | 270 | 220 | 184 | 176 | 8-26  | 26 | 490  | 170 | 260 | 200 | 160 |
| 150  | 210 | 300 | 250 | 211 | 204 | 8-26  | 28 | 630  | 180 | 280 | 280 | 240 |
| 200  | 230 | 375 | 320 | 284 | 260 | 12-30 | 34 | 690  | 210 | 320 | 280 | 240 |
| 250  | 250 | 450 | 385 | 345 | 313 | 12-33 | 38 | 830  | 240 | 360 | 280 | 240 |
| 300  | 270 | 515 | 450 | 409 | 364 | 16-33 | 42 | 930  | 290 | 460 | 420 | 310 |
| 350  | 290 | 580 | 510 | 465 | 422 | 16-36 | 46 | 1010 | 320 | 500 | 420 | 310 |
| 400  | 310 | 660 | 585 | 535 | 474 | 16-39 | 50 | 1070 | 350 | 540 | 420 | 310 |

## D373H蜗轮传动对夹式金属硬密封蝶阀

Worm gear drive splint metal hard seal butterfly valve



## 应用规范

设计、制造按GB/T12238-1989  
结构长度按GB/T12221-2005  
连接法兰：GB/T9113-2000  
阀门检查和试验按JB/T9092-1999

## Application specification

Design, manufacture : GB/T12238-1989  
Length of the structure : GB/T12221-2005  
Connecting flange : GB/T9113-2000  
Valve inspection and test : JB/T9092-1999

D373<sup>H</sup><sub>F</sub>-10C.P.R连接尺寸

| 通径DN | L   | D1   | D    | Z-Φd  | H    | H1   | W    | W1  | D0  |
|------|-----|------|------|-------|------|------|------|-----|-----|
| 50   | 43  | 125  | 102  | 4-18  | 360  | 112  | 200  | 200 | 160 |
| 65   | 46  | 145  | 122  | 4-18  | 380  | 115  | 200  | 200 | 160 |
| 80   | 49  | 160  | 133  | 8-18  | 455  | 120  | 220  | 200 | 160 |
| 100  | 56  | 180  | 158  | 8-18  | 490  | 140  | 240  | 200 | 160 |
| 125  | 64  | 210  | 184  | 8-18  | 490  | 170  | 260  | 200 | 160 |
| 150  | 70  | 240  | 212  | 8-22  | 630  | 180  | 280  | 280 | 240 |
| 200  | 71  | 295  | 268  | 8-22  | 690  | 210  | 320  | 280 | 240 |
| 250  | 76  | 350  | 320  | 12-22 | 830  | 240  | 360  | 280 | 240 |
| 300  | 83  | 400  | 370  | 12-22 | 930  | 290  | 460  | 420 | 310 |
| 350  | 92  | 460  | 430  | 16-22 | 1010 | 320  | 500  | 420 | 310 |
| 400  | 102 | 515  | 482  | 16-26 | 1070 | 350  | 540  | 420 | 310 |
| 450  | 114 | 565  | 532  | 20-26 | 1140 | 380  | 580  | 420 | 310 |
| 500  | 127 | 620  | 585  | 20-26 | 1200 | 410  | 620  | 420 | 310 |
| 600  | 154 | 725  | 685  | 20-30 | 1340 | 470  | 660  | 420 | 310 |
| 700  | 165 | 840  | 800  | 24-30 | 1600 | 550  | 750  | 550 | 400 |
| 800  | 190 | 950  | 905  | 24-33 | 1780 | 640  | 800  | 550 | 400 |
| 900  | 203 | 1050 | 1005 | 28-33 | 1920 | 710  | 850  | 550 | 400 |
| 1000 | 216 | 1160 | 1110 | 28-36 | 1960 | 770  | 1000 | 750 | 500 |
| 1200 | 254 | 1380 | 1330 | 32-39 | 2360 | 875  | 1050 | 750 | 500 |
| 1400 | 279 | 1590 | 1530 | 36-42 | 2530 | 970  | 800  | 890 | /   |
| 1600 | 318 | 1820 | 1750 | 40-48 | 2640 | 1100 | 800  | 890 | /   |
| 1800 | 356 | 2020 | 1950 | 44-48 | 2800 | 1200 | 830  | 920 | /   |
| 2000 | 406 | 2230 | 2150 | 48-48 | 3100 | 1290 | 850  | 940 | /   |

## D373H蜗轮传动对夹式金属硬密封蝶阀

Worm gear drive splint metal hard seal butterfly valve

D373<sup>H</sup><sub>F</sub>-16C.P.R连接尺寸

| 通径DN | L   | D1   | D    | Z-Φd  | H    | H1   | W    | W1  | D0  |
|------|-----|------|------|-------|------|------|------|-----|-----|
| 50   | 43  | 125  | 102  | 4-18  | 360  | 112  | 200  | 200 | 160 |
| 65   | 46  | 145  | 122  | 4-18  | 380  | 115  | 200  | 200 | 160 |
| 80   | 49  | 160  | 133  | 8-18  | 455  | 120  | 220  | 200 | 160 |
| 100  | 56  | 180  | 158  | 8-18  | 490  | 140  | 240  | 200 | 160 |
| 125  | 64  | 210  | 184  | 8-18  | 490  | 170  | 260  | 200 | 160 |
| 150  | 70  | 240  | 212  | 8-22  | 630  | 180  | 280  | 280 | 240 |
| 200  | 71  | 295  | 268  | 12-22 | 690  | 210  | 320  | 280 | 240 |
| 250  | 76  | 355  | 320  | 12-26 | 830  | 240  | 360  | 280 | 240 |
| 300  | 83  | 410  | 370  | 12-26 | 930  | 290  | 460  | 420 | 310 |
| 350  | 92  | 470  | 430  | 16-26 | 1010 | 320  | 500  | 420 | 310 |
| 400  | 102 | 525  | 482  | 16-30 | 1070 | 350  | 540  | 420 | 310 |
| 450  | 114 | 585  | 532  | 20-30 | 1140 | 380  | 580  | 420 | 310 |
| 500  | 127 | 650  | 585  | 20-33 | 1200 | 410  | 620  | 420 | 310 |
| 600  | 154 | 770  | 685  | 20-36 | 1340 | 470  | 660  | 420 | 310 |
| 700  | 165 | 840  | 800  | 24-36 | 1600 | 550  | 750  | 550 | 400 |
| 800  | 190 | 950  | 905  | 24-39 | 1780 | 640  | 800  | 550 | 400 |
| 900  | 203 | 1050 | 1005 | 28-39 | 1920 | 710  | 850  | 550 | 400 |
| 1000 | 216 | 1170 | 1110 | 28-42 | 1960 | 770  | 1000 | 750 | 500 |
| 1200 | 254 | 1390 | 1330 | 32-48 | 2360 | 875  | 1050 | 750 | 500 |
| 1400 | 279 | 1590 | 1530 | 36-48 | 2530 | 970  | 800  | 890 | /   |
| 1600 | 318 | 1820 | 1750 | 40-56 | 2640 | 1100 | 800  | 890 | /   |

D373<sup>H</sup><sub>F</sub>-25C.P.R连接尺寸

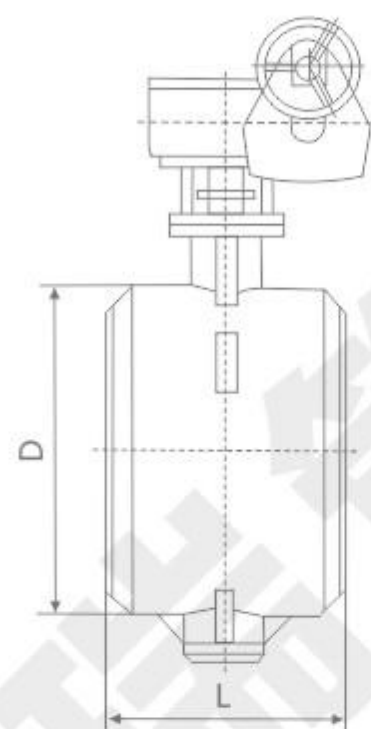
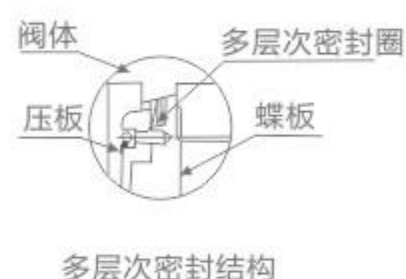
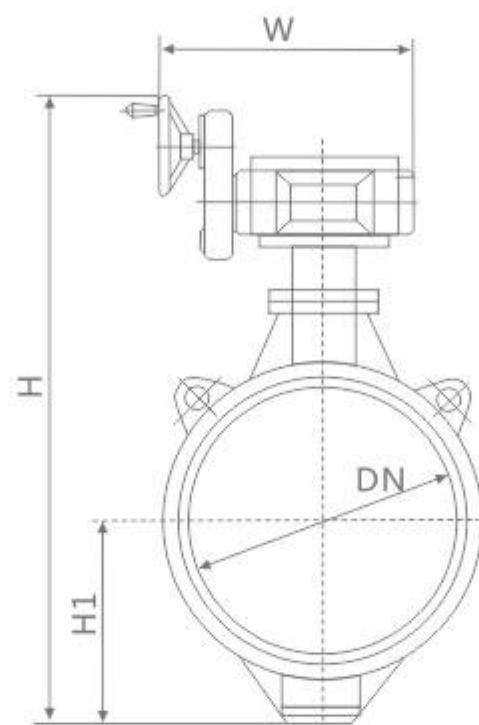
| 通径DN | L   | D1   | D    | Z-Φd  | H    | H1  | W    | W1  | D0  |
|------|-----|------|------|-------|------|-----|------|-----|-----|
| 50   | 43  | 125  | 102  | 4-18  | 360  | 112 | 200  | 200 | 160 |
| 65   | 46  | 145  | 122  | 8-18  | 380  | 115 | 200  | 200 | 160 |
| 80   | 49  | 160  | 133  | 8-18  | 455  | 120 | 220  | 200 | 160 |
| 100  | 56  | 190  | 158  | 8-22  | 490  | 140 | 240  | 200 | 160 |
| 125  | 64  | 220  | 184  | 8-26  | 490  | 170 | 260  | 200 | 160 |
| 150  | 70  | 250  | 212  | 8-26  | 630  | 180 | 280  | 280 | 240 |
| 200  | 71  | 310  | 268  | 12-26 | 690  | 210 | 320  | 280 | 240 |
| 250  | 76  | 370  | 330  | 12-30 | 830  | 240 | 360  | 280 | 240 |
| 300  | 83  | 430  | 390  | 16-30 | 930  | 290 | 460  | 420 | 310 |
| 350  | 92  | 490  | 450  | 16-33 | 1010 | 320 | 500  | 420 | 310 |
| 400  | 102 | 550  | 505  | 16-36 | 1070 | 350 | 540  | 420 | 310 |
| 450  | 114 | 600  | 555  | 20-36 | 1140 | 380 | 580  | 420 | 310 |
| 500  | 127 | 660  | 610  | 20-36 | 1200 | 410 | 620  | 420 | 310 |
| 600  | 154 | 770  | 720  | 20-39 | 1340 | 470 | 660  | 420 | 310 |
| 700  | 165 | 875  | 820  | 24-42 | 1600 | 550 | 750  | 550 | 400 |
| 800  | 190 | 990  | 930  | 24-48 | 1780 | 640 | 800  | 550 | 400 |
| 900  | 203 | 1090 | 1030 | 28-48 | 1920 | 710 | 850  | 550 | 400 |
| 1000 | 216 | 1210 | 1140 | 28-56 | 1960 | 770 | 1000 | 750 | 500 |

D373<sup>H</sup><sub>F</sub>-40C.P.R连接尺寸

| 通径DN | L   | D1  | D   | Z-Φd  | H    | H1  | W   | W1  | D0  |
|------|-----|-----|-----|-------|------|-----|-----|-----|-----|
| 50   | 43  | 125 | 102 | 4-18  | 360  | 112 | 200 | 200 | 160 |
| 65   | 46  | 145 | 122 | 8-18  | 380  | 115 | 200 | 200 | 160 |
| 80   | 64  | 160 | 133 | 8-18  | 455  | 120 | 220 | 200 | 160 |
| 100  | 64  | 190 | 158 | 8-22  | 490  | 140 | 280 | 200 | 160 |
| 125  | 70  | 220 | 184 | 8-26  | 490  | 170 | 280 | 200 | 160 |
| 150  | 76  | 250 | 212 | 8-26  | 630  | 180 | 280 | 280 | 240 |
| 200  | 89  | 320 | 268 | 12-30 | 690  | 210 | 280 | 280 | 240 |
| 250  | 114 | 385 | 330 | 12-33 | 825  | 240 | 280 | 280 | 240 |
| 300  | 114 | 450 | 390 | 16-33 | 908  | 290 | 450 | 420 | 310 |
| 350  | 127 | 510 | 450 | 16-36 | 960  | 320 | 450 | 420 | 310 |
| 400  | 140 | 585 | 505 | 16-39 | 1330 | 350 | 540 | 437 | 310 |

## D363H对焊式金属密封蝶阀

Butt-welded metal seal butterfly valve



## 应用规范

设计、制造按GB/T12238-1989  
结构长度按GB/T12221-2005  
对焊接端按ASME B16.25 GB/T12224  
阀门检查和试验按JB/T9092-1999

## Application specification

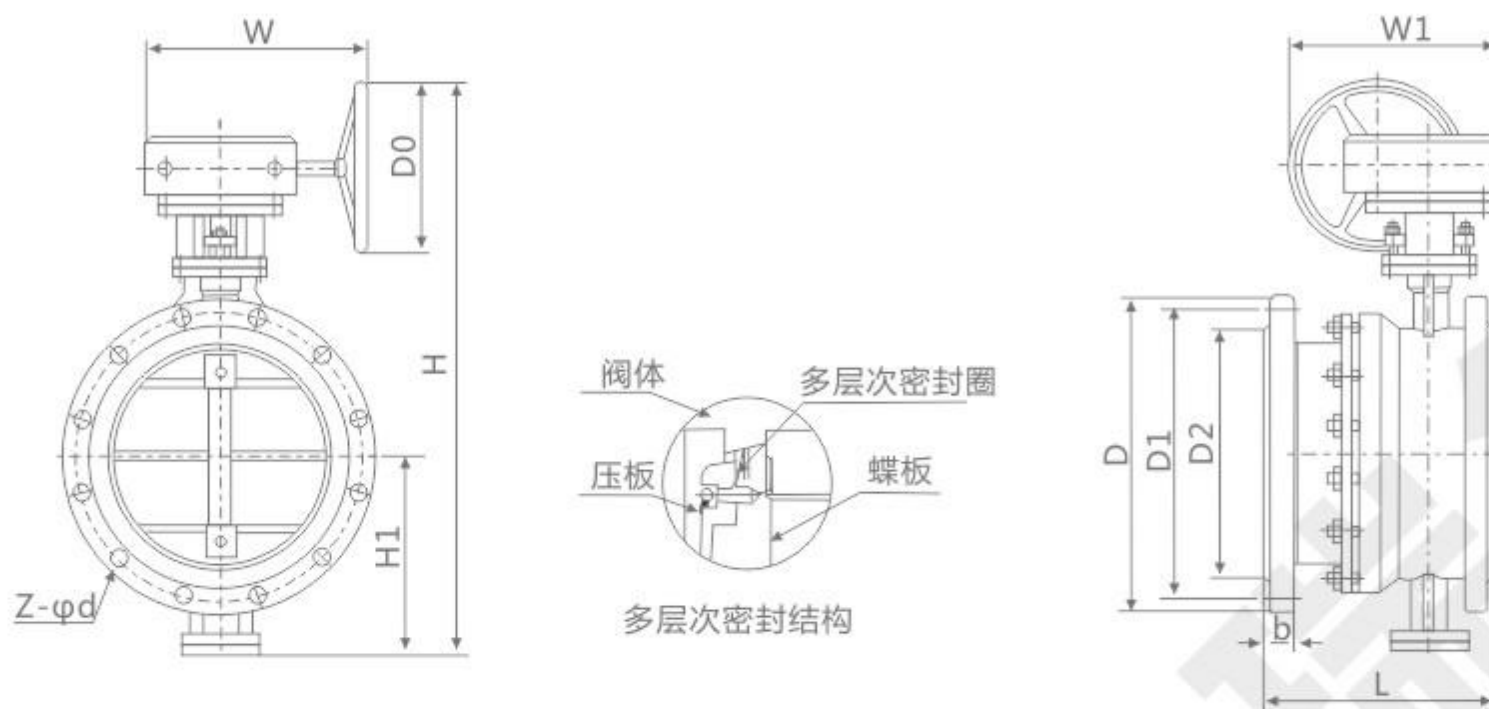
Design, manufacture : GB/T12238-1989  
Length of the structure : GB/T12221-2005  
The welding end : ASME B16.25 GB/T12224  
Valve inspection and test : JB/T9092-1999

D363<sup>H</sup><sub>F</sub>-6~25C.P.R 注意外形和连接尺寸

| 公称通径 |        | 尺寸  |      |      |      |     |
|------|--------|-----|------|------|------|-----|
| in   | DN(mm) | L   | D    | H    | H1   | W   |
| 4    | 100    | 190 | 116  | 376  | 100  | 194 |
| 5    | 125    | 200 | 140  | 410  | 113  | 268 |
| 6    | 150    | 210 | 166  | 468  | 130  | 268 |
| 8    | 200    | 230 | 222  | 586  | 205  | 268 |
| 10   | 250    | 250 | 278  | 638  | 235  | 306 |
| 12   | 300    | 270 | 330  | 734  | 275  | 306 |
| 14   | 350    | 290 | 382  | 827  | 309  | 416 |
| 16   | 400    | 310 | 432  | 924  | 346  | 416 |
| 18   | 450    | 330 | 484  | 1045 | 392  | 416 |
| 20   | 500    | 350 | 535  | 1128 | 427  | 475 |
| 24   | 600    | 390 | 636  | 1372 | 509  | 475 |
| 28   | 700    | 430 | 726  | 1590 | 572  | 475 |
| 32   | 800    | 470 | 826  | 1722 | 638  | 592 |
| 36   | 900    | 510 | 926  | 2025 | 700  | 592 |
| 40   | 1000   | 550 | 1028 | 2155 | 765  | 592 |
| 48   | 1200   | 630 | 1228 | 2360 | 860  | 640 |
| 56   | 1400   | 710 | 1428 | 2636 | 986  | 640 |
| 64   | 1600   | 790 | 1628 | 2906 | 1106 | 640 |

## SD343H伸缩型金属密封蝶阀

Telescopic metal seal butterfly valve



### 应用规范

设计、制造按GB/T12238-1989  
结构长度按GB/T12221-2005  
连接法兰：GB/T9113-2000  
阀门检查和试验按JB/T9092-1999

### Application specification

Design, manufacture : GB/T12238-1989  
Length of the structure : GB/T12221-2005  
Connecting flange : GB/T9113-2000  
Valve inspection and test : JB/T9092-1999

### 产品特点及用途 Product characteristics and USES

本蝶阀是一种一阀两用的产品，集伸缩器和法兰式蝶阀于一体。它能在一定范围内可轴向伸缩，有利于管道热胀冷缩、消除管道振动及在一定角度范围内克服管道对接不同轴而产生的偏移，能极大的方便阀门管路的安装与拆卸，提高经济效益。适用于食品、饮料、医药、纯净管路及工业环保、水处理、高层建筑、给排水管路作启闭调节介质流量之用。

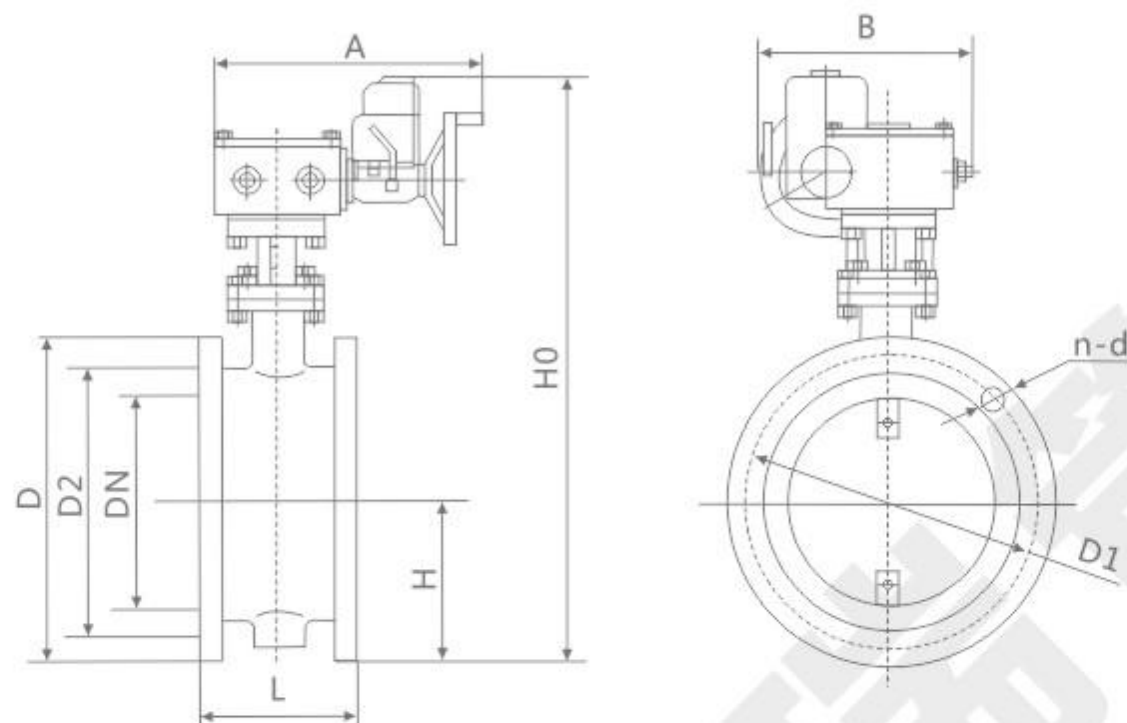
This butterfly valve is a valve dual-use products, integrating the expansion pipe and flange butterfly valve. It can within a certain range can be axial expansion, and eliminate the pipe vibration and the heat-expansion and cold-contraction within a certain Angle to overcome the pipe misalignment caused by migration, to great convenience valve pipe installation and dismantle, improve the economic benefit. Apply to food, beverage, pharmaceutical, pure line and industrial environmental protection, water treatment, high building, water supply and drainage pipeline for opening and closing regulating medium flow.

### SD343H-10C主要外形和连接尺寸

| 公称<br>通径 | 尺 寸 ( mm ) |      |      |     |     |     |     |    |      |     |     |     |       |
|----------|------------|------|------|-----|-----|-----|-----|----|------|-----|-----|-----|-------|
|          | L          | Lmax | Lmin | D   | D1  | D2  | D0  | b  | H    | H1  | W   | W1  | Z-φd  |
| 50       | 150        | 163  | 138  | 165 | 125 | 99  | 157 | 20 | 360  | 112 | 195 | 185 | 4-18  |
| 65       | 170        | 188  | 158  | 185 | 145 | 118 | 157 | 20 | 380  | 115 | 195 | 185 | 4-18  |
| 80       | 180        | 192  | 162  | 200 | 160 | 132 | 157 | 20 | 455  | 120 | 195 | 185 | 8-18  |
| 100      | 190        | 225  | 180  | 220 | 180 | 156 | 157 | 22 | 490  | 140 | 195 | 185 | 8-18  |
| 125      | 200        | 235  | 190  | 250 | 210 | 184 | 205 | 22 | 490  | 170 | 268 | 250 | 8-18  |
| 150      | 210        | 240  | 195  | 285 | 240 | 211 | 205 | 24 | 630  | 180 | 268 | 250 | 8-22  |
| 200      | 230        | 265  | 215  | 340 | 295 | 266 | 235 | 24 | 690  | 210 | 305 | 300 | 8-22  |
| 250      | 250        | 285  | 235  | 395 | 350 | 319 | 235 | 26 | 830  | 240 | 305 | 300 | 12-22 |
| 300      | 270        | 302  | 252  | 445 | 400 | 370 | 296 | 26 | 930  | 290 | 415 | 400 | 12-22 |
| 350      | 290        | 321  | 271  | 505 | 460 | 429 | 296 | 26 | 1010 | 320 | 415 | 400 | 16-22 |
| 400      | 310        | 343  | 283  | 565 | 515 | 480 | 296 | 26 | 1070 | 350 | 415 | 400 | 16-26 |
| 450      | 330        | 360  | 300  | 615 | 565 | 530 | 400 | 28 | 1140 | 380 | 475 | 420 | 20-26 |
| 500      | 350        | 380  | 320  | 670 | 620 | 582 | 400 | 28 | 1200 | 410 | 475 | 420 | 20-26 |
| 600      | 390        | 425  | 365  | 780 | 725 | 682 | 400 | 34 | 1340 | 470 | 475 | 420 | 20-30 |

## D641W/D941通风蝶阀

Ventilation butterfly valve



## 产品特点及用途 Product characteristics and USES

本蝶阀采用与阀体相同材料加工成密封圈，采用电或气动传动。其适用温度随阀体选材而定，公称压力 $\leq 0.6\text{MPa}$ ，一般适用于工业、冶金、环保等管道作通风调节介质流量之用。其主要特点为：

1. 设计新颖、合理、结构独特、重量轻、启闭迅速。
2. 操力矩小、操作方便、省力灵巧。
3. 采用适应的材料以满足低、中、高不同介质温度及其腐蚀性介质等。

This butterfly valve USES the same as the valve body material processed into sealing ring, use electric or pneumatic drive. The suitable temperature with the valve body material and decide, nominal pressure 0.6 MPa, or less generally applicable to the industry, metallurgy, Environmental protection pipe for use in ventilation regulating medium flow. Its main characteristic is:

1. The novel design, reasonable, unique structure, light weight, rapid opening and closing.
2. Small operation torque, easy to operate, saving smart.
3. Adopt to adapt to different materials to meet the high, medium and low medium temperature and corrosive medium, etc.

## 采用标准

设计标准：GB/T12238-1989 JB/T8692-1998  
法兰连接：GB/T9115.1-2000  
结构长度：GB/T12221-1989  
压力试验：GB/T13927-92 JB/T9092-1999

## With a standard

Design criteria：GB/T12238-1989 JB/T8692-1998  
Flange connection：GB/T9115.1-2000  
length of the structure：GB/T12221-1989  
Pressure test：GB/T13927-92 JB/T9092-1999

## 主要技术参数 Main technical parameters

| 公称通径 Nominal diameter | DN(mm)                                                                 | 50-2000         |       |     |
|-----------------------|------------------------------------------------------------------------|-----------------|-------|-----|
| 公称压力 Nominal pressure | PN(MP a)                                                               | 0.05            | 0.25  | 0.6 |
| 试验压力 Ps(MPa)          | 强度试验Strength test                                                      | 0.075           | 0.375 | 0.9 |
|                       | 密封试验Sealing test                                                       | ≤1.5%泄漏量leakage |       |     |
| 适用介质Applicable medium | 煤气、含尘气体、烟道气等 Gas, dust, gas, flue gas, etc                             |                 |       |     |
| 驱动形式Drive form        | 手动、蜗杆涡轮传动、气传动、电传动Manual, worm turbine drive, gas drive, electric drive |                 |       |     |

## 主要零件的材质 The material of the main parts

| 零件名称 Part name   | 材料 material                                                                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 阀体 valve body    | 铸钢、不锈钢、铬镍钼钛钢、铬钼钛钢等特殊材料<br>Cast steel, stainless steel, chromium nickel titanium molybdenum titanium steel, chrome molybdenum steel and other special materials |
| 碟板 Disc plate    |                                                                                                                                                                |
| 密封圈 Sealing ring | 与阀体相同 The same as the body I                                                                                                                                   |
| 阀杆 valve stem    | 碳钢、2Cr13、不锈钢、铬镍钼钛钢 Carbon steel, 2 cr13, stainless steel, nickel chromium molybdenum titanium steel                                                            |
| 填料 packing       | 氟塑料、柔性石墨 Fluorine plastic, flexible graphite                                                                                                                   |

## D641W/D941通风蝶阀

Ventilation butterfly valve

D641W-<sup>0.5</sup>/<sub>6</sub> 2.5 C.P.R系列通风蝶阀连接尺寸

| 公称通径<br>Nominal diameter<br>DN |       | 结构长度<br>(标准值) | 外形尺寸 (参考值)<br>Overall dimensions (reference) |      |     |     | 连接尺寸 (标准值) Connection size (standard) |      |       |        |      |       |
|--------------------------------|-------|---------------|----------------------------------------------|------|-----|-----|---------------------------------------|------|-------|--------|------|-------|
|                                |       |               |                                              |      |     |     | 0.05MPa和0.25MPa                       |      |       | 0.6MPa |      |       |
| mm                             | inch  |               | L                                            | H    | H0  | A   | B                                     | D    | D1    | n-d    | D    | D1    |
| 50                             | 2     | 108           | 70                                           | 337  | 180 | 65  | 140                                   | 110  | 4-14  | 140    | 110  | 4-14  |
| 65                             | 2 1/2 | 112           | 80                                           | 357  | 180 | 65  | 160                                   | 130  | 4-14  | 160    | 130  | 4-14  |
| 80                             | 3     | 114           | 95                                           | 385  | 180 | 65  | 190                                   | 150  | 4-18  | 190    | 150  | 4-18  |
| 100                            | 4     | 127           | 105                                          | 405  | 180 | 65  | 210                                   | 170  | 4-18  | 210    | 170  | 4-18  |
| 125                            | 5     | 140           | 120                                          | 483  | 245 | 72  | 240                                   | 200  | 8-18  | 240    | 200  | 8-18  |
| 150                            | 6     | 140           | 132                                          | 508  | 245 | 72  | 265                                   | 225  | 8-18  | 265    | 225  | 8-18  |
| 200                            | 8     | 160           | 160                                          | 566  | 245 | 72  | 320                                   | 280  | 8-18  | 320    | 280  | 8-18  |
| 250                            | 10    | 160           | 187                                          | 623  | 245 | 72  | 375                                   | 335  | 12-18 | 375    | 335  | 12-18 |
| 300                            | 12    | 180           | 220                                          | 750  | 355 | 93  | 440                                   | 395  | 12-22 | 440    | 395  | 12-22 |
| 350                            | 14    | 180           | 245                                          | 803  | 355 | 93  | 490                                   | 445  | 12-22 | 490    | 445  | 12-22 |
| 400                            | 16    | 200           | 270                                          | 852  | 355 | 93  | 540                                   | 495  | 16-22 | 540    | 495  | 16-22 |
| 450                            | 18    | 200           | 297                                          | 907  | 355 | 93  | 595                                   | 550  | 16-22 | 595    | 550  | 16-22 |
| 500                            | 20    | 220           | 322                                          | 960  | 355 | 93  | 645                                   | 600  | 16-22 | 645    | 600  | 16-22 |
| 600                            | 24    | 220           | 377                                          | 1080 | 550 | 350 | 755                                   | 705  | 20-26 | 755    | 705  | 20-26 |
| 700                            | 28    | 240           | 430                                          | 1185 | 550 | 350 | 860                                   | 810  | 24-26 | 860    | 810  | 24-26 |
| 800                            | 32    | 240           | 487                                          | 1300 | 550 | 350 | 975                                   | 920  | 24-30 | 975    | 920  | 24-30 |
| 900                            | 36    | 260           | 537                                          | 1400 | 550 | 350 | 1075                                  | 1020 | 24-30 | 1075   | 1020 | 24-30 |
| 1000                           | 40    | 260           | 587                                          | 1500 | 550 | 350 | 1175                                  | 1120 | 28-30 | 1175   | 1120 | 28-30 |
| 1200                           | 48    | 280           | 702                                          | 1825 | 600 | 350 | 1375                                  | 1320 | 32-30 | 1405   | 1340 | 32-33 |

D941W-<sup>0.5</sup>/<sub>6</sub> 2.5 C.P.R系列通风蝶阀连接尺寸

| 公称通径<br>Nominal diameter<br>DN |       | 结构长度<br>(标准值) | 外形尺寸 (参考值)<br>Overall dimensions (reference) |      |     |      | 连接尺寸 (标准值) Connection size (standard) |      |       |        |      |       |
|--------------------------------|-------|---------------|----------------------------------------------|------|-----|------|---------------------------------------|------|-------|--------|------|-------|
|                                |       |               |                                              |      |     |      | 0.05MPa和0.25MPa                       |      |       | 0.6MPa |      |       |
| mm                             | inch  |               | L                                            | H    | H0  | A    | B                                     | D    | D1    | n-d    | D    | D1    |
| 50                             | 2     | 108           | 70                                           | 418  | 250 | 225  | 140                                   | 110  | 4-14  | 140    | 110  | 4-14  |
| 65                             | 2 1/2 | 112           | 80                                           | 438  | 250 | 225  | 160                                   | 130  | 4-14  | 160    | 130  | 4-14  |
| 80                             | 3     | 114           | 95                                           | 466  | 250 | 225  | 190                                   | 150  | 4-18  | 190    | 150  | 4-18  |
| 100                            | 4     | 127           | 105                                          | 486  | 250 | 225  | 210                                   | 170  | 4-18  | 210    | 170  | 4-18  |
| 125                            | 5     | 140           | 120                                          | 516  | 325 | 245  | 240                                   | 200  | 8-18  | 240    | 200  | 8-18  |
| 150                            | 6     | 140           | 132                                          | 541  | 325 | 245  | 265                                   | 225  | 8-18  | 265    | 225  | 8-18  |
| 200                            | 8     | 160           | 160                                          | 779  | 325 | 245  | 320                                   | 280  | 8-18  | 320    | 280  | 8-18  |
| 250                            | 10    | 160           | 187                                          | 836  | 363 | 313  | 375                                   | 335  | 12-18 | 375    | 335  | 12-18 |
| 300                            | 12    | 180           | 220                                          | 901  | 363 | 313  | 440                                   | 395  | 12-22 | 440    | 395  | 12-22 |
| 350                            | 14    | 180           | 245                                          | 954  | 363 | 313  | 490                                   | 445  | 12-22 | 490    | 445  | 12-22 |
| 400                            | 16    | 200           | 270                                          | 1003 | 363 | 313  | 540                                   | 495  | 16-22 | 540    | 495  | 16-22 |
| 450                            | 18    | 200           | 297                                          | 1058 | 465 | 439  | 595                                   | 550  | 16-22 | 595    | 550  | 16-22 |
| 500                            | 20    | 220           | 322                                          | 1111 | 546 | 556  | 645                                   | 600  | 16-22 | 645    | 600  | 16-22 |
| 600                            | 24    | 220           | 377                                          | 1233 | 546 | 556  | 755                                   | 705  | 20-26 | 755    | 705  | 20-26 |
| 700                            | 28    | 240           | 430                                          | 1338 | 546 | 556  | 860                                   | 810  | 24-26 | 860    | 810  | 24-26 |
| 800                            | 32    | 240           | 487                                          | 1452 | 546 | 556  | 975                                   | 920  | 24-30 | 975    | 920  | 24-30 |
| 900                            | 36    | 260           | 537                                          | 1588 | 632 | 706  | 1075                                  | 1020 | 24-30 | 1075   | 1020 | 24-30 |
| 1000                           | 40    | 260           | 587                                          | 1689 | 632 | 706  | 1175                                  | 1120 | 28-30 | 1175   | 1120 | 28-30 |
| 1200                           | 48    | 280           | 702                                          | 1938 | 632 | 706  | 1375                                  | 1320 | 32-30 | 1405   | 1340 | 32-33 |
| 1400                           | 56    | 530           | 782                                          | 2670 | 790 | 1338 | 1575                                  | 1520 | 36-30 | 1630   | 1560 | 36-36 |
| 1600                           | 64    | 600           | 895                                          | 2810 | 868 | 1476 | 1790                                  | 1730 | 40-30 | 1830   | 1760 | 40-36 |
| 1800                           | 72    | 670           | 995                                          | 3020 | 868 | 1476 | 1990                                  | 1930 | 44-30 | 2045   | 1970 | 44-39 |
| 2000                           | 80    | 760           | 1095                                         | 3220 | 965 | 1600 | 2190                                  | 2130 | 48-30 | 2265   | 2180 | 48-42 |