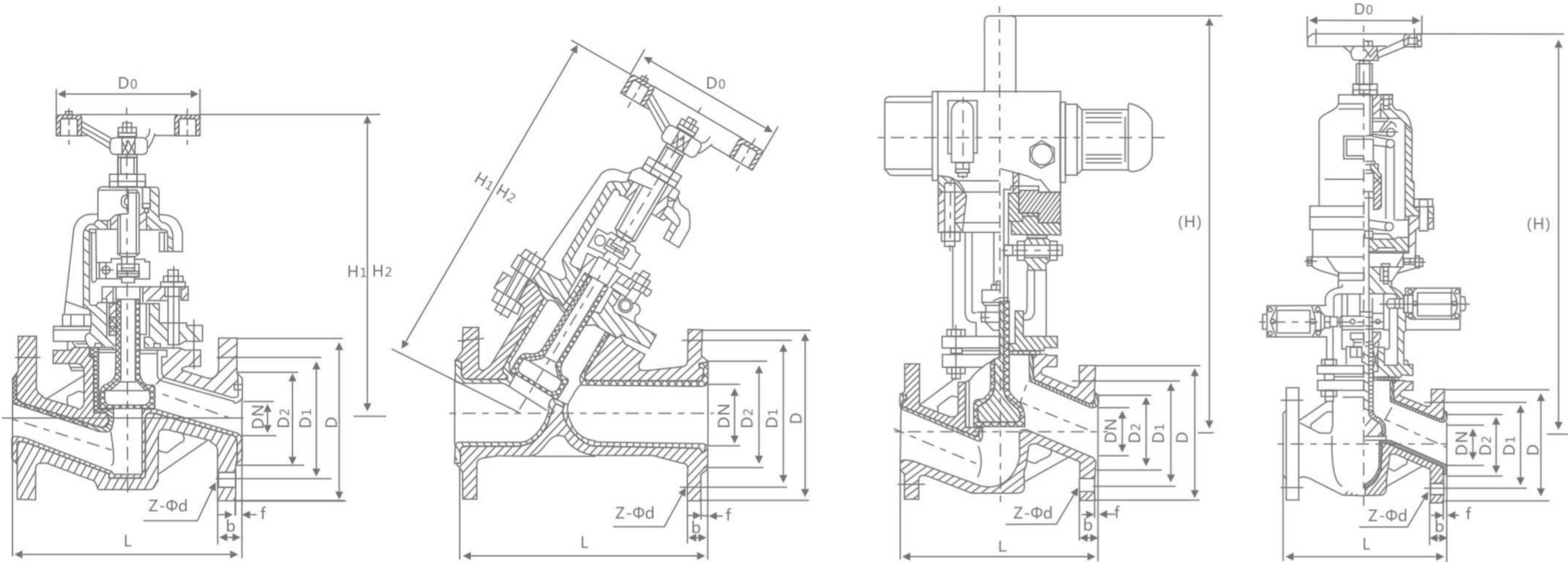


FLUORINE  
FLANGED GLOBE VALVE  
衬氟法兰截止阀



J41<sub>F3</sub>  
F46 型Type

法兰连接手动截止阀（直通式）  
Flange connection manual cut-off valve (straight-through)

J45<sub>F3</sub>  
F46 型Type

法兰连接手动截止阀（直流式）  
Flange connection manual cut-off valve (DC type)

J941<sub>F3</sub>  
F46 型Type

法兰连接电动截止阀（直通式）  
Flange connection electrically operated cut-off valve (straight-through)

J6B41<sub>F3</sub>  
F46 型

法兰连接气动截止阀（常闭式）  
Flange connection air operated cut-off valve (Normally closed)

|                                 |                                                              |
|---------------------------------|--------------------------------------------------------------|
| 遵循规范<br>Follow the standard     | STANDARD                                                     |
| 设计与制造<br>Design and manufacture | GB 12233/GB 12235                                            |
| 结构长度<br>Structure Length        | GB 12221(长—短系列Long - Short Series)                           |
| 法兰尺寸<br>Flange size             | GB/T9113.1、GB/T17241.6<br>(或按合同要求Or by contract requirement) |
| 压力试验<br>Pressure test           | GB/T 13927                                                   |
| 标志<br>Mark                      | GB 12220                                                     |
| 供货<br>Availability              | GB/T 12252                                                   |

法兰连接截止阀 Flange connection cut-off valve

- ※设计与制造符合中国国家标准
- ※Design and manufacture comply with national standards of China
- ※基本结构形式：直通式、直流式
- ※Basic structure form: Straight-through, DC type
- ※公称压力PN1.0～2.5MPa
- ※Nominal pressure PN1.0~2.5MPa
- ※公称通径DN15～350mm
- ※Nominal size DN15~350mm

基本型号（全衬里）The basic model (full lining)

|                 |                                                        |                        |                                         |
|-----------------|--------------------------------------------------------|------------------------|-----------------------------------------|
| 手动<br>Hand      | J41F <sub>3</sub> J41F <sub>46</sub>                   | 齿轮<br>传动<br>Gear drive | J441F <sub>3</sub> J441F <sub>46</sub>  |
|                 | J45F <sub>3</sub> J45F <sub>46</sub>                   |                        | J54F <sub>3</sub> J45541F <sub>46</sub> |
| 气动<br>Pneumatic | J6B41F <sub>3</sub> J6B4 <sub>46</sub> F <sub>46</sub> | 电动                     | J941F <sub>3</sub> J941F <sub>46</sub>  |

主要零部件材料表 Main spare part bill of materials

| 序号<br>NO. | 零件名称<br>Part name            | 灰铸铁<br>Grey cast iron                                                  | 碳钢<br>Carbon Steel | 不锈钢<br>Stainless steel |             | 超低碳不锈钢<br>Low Carbon Stainless Steel |               |
|-----------|------------------------------|------------------------------------------------------------------------|--------------------|------------------------|-------------|--------------------------------------|---------------|
|           |                              | Z                                                                      | C                  | P                      | R           | PL                                   | RL            |
| 1         | 阀体、阀盖<br>Body, cover         | HT250                                                                  | WCB                | CF8                    | CF8M        | CF3                                  | CF3M          |
| 2         | 阀瓣、阀杆<br>Disc, stem          | 35                                                                     | 1Cr13              | 0Cr18Ni9               | 0Cr1Ti12Mo2 | 00Cr18Ni10                           | 00Cr17Ni14Mo2 |
| 3         | 活节螺栓<br>Live bolts           | 35                                                                     | 35                 | 1Cr17Ni2               | 1Cr17Ni2    | 1Cr17Ni2                             | 1Cr17Ni2      |
| 4         | 衬里层/阀座<br>Lining level/ seat | FEP(F46) PCTFE(F3) PTFE(F4) PFA（可溶性聚四氟乙烯Soluble PTFE）Po（聚烯烃Polyolefin） |                    |                        |             |                                      |               |
| 5         | 填料Packing                    | PTFE(F4)                                                               |                    |                        |             |                                      |               |
| 6         | 填料压盖<br>Packing cover        | WCB                                                                    | WCB                | Cf8                    | CF8M        | Cf3                                  | CF3M          |
| 7         | 阀杆螺母<br>Stem nut             | ZCuAl10Fe3                                                             |                    |                        |             |                                      |               |
| 8         | 螺栓Bolt                       | 35                                                                     | 35                 | 1Cr17Ni2               | 1Cr17Ni2    | 1Cr18Ni9Ti                           | 1Cr18Ni9Ti    |
| 9         | 螺母Nut                        | 45                                                                     | 45                 | 0Cr18Ni9               | 0Cr18Ni9    | 0Cr18Ni9                             | 0Cr18Ni9      |
| 10        | 手轮<br>Hand wheel             | Ht200                                                                  | Ht200              | WCC                    | WCC         | WCC                                  | WCC           |

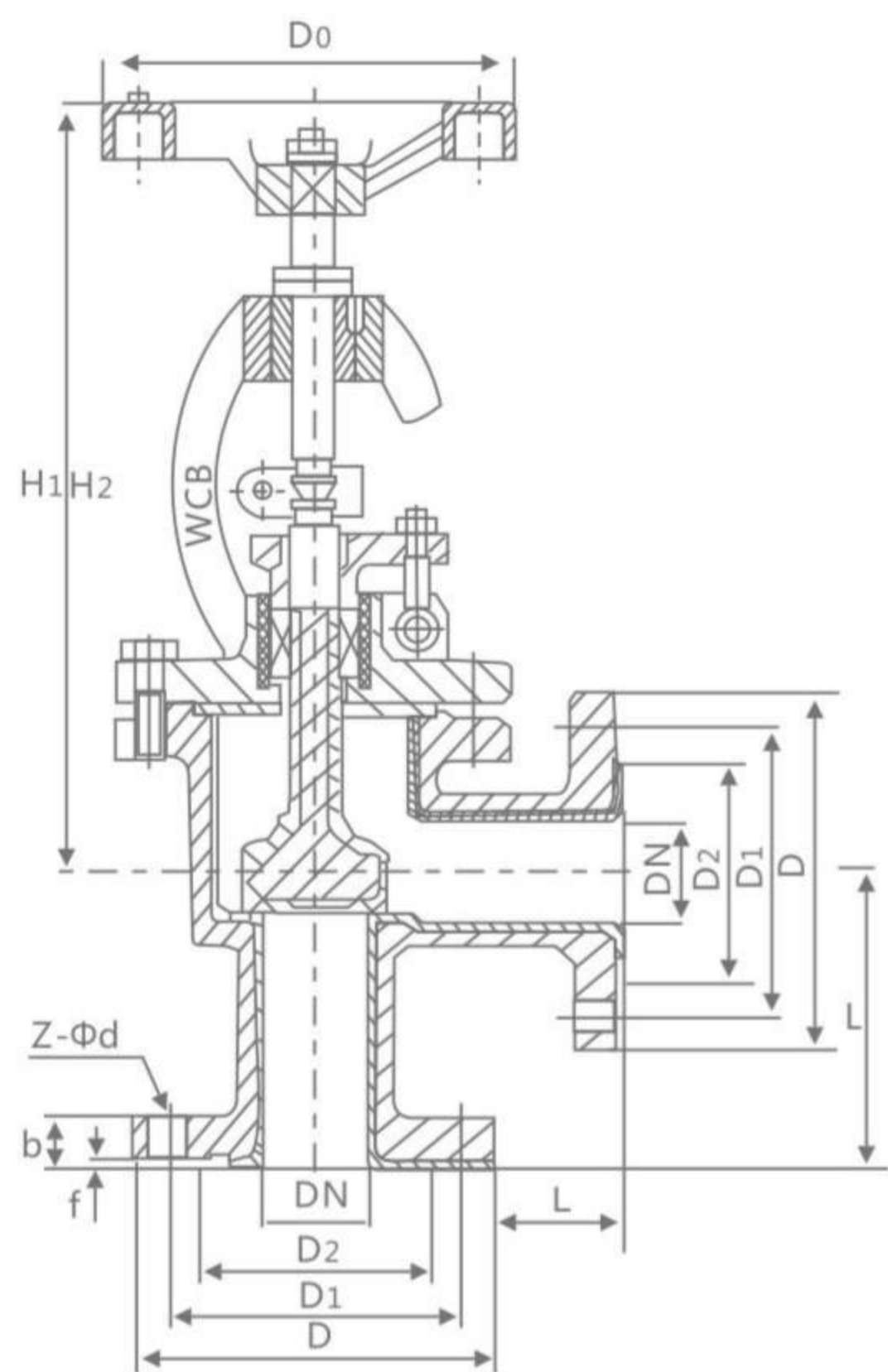
FLUORINE  
FLANGED GLOBE VALVE  
衬氟法兰截止阀

主要连接尺寸及重量 Main connection dimension and weight

| 公称通径DN     |               | 标准值Standard value |     |     |     |   |    |         | 参数值Reference value |     |     |                     |
|------------|---------------|-------------------|-----|-----|-----|---|----|---------|--------------------|-----|-----|---------------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D   | D1  | D2  | f | b  | Z-Φd    | D0                 | H1  | H2  | 重量 ( kg )<br>Weight |
|            |               | PN1.0MPa          |     |     |     |   |    |         |                    |     |     |                     |
| 15         | 1/2           | 130               | 95  | 65  | 45  | 2 | 12 | 4-Φ14   | 100                | 235 | 260 | 6.5                 |
| 20         | 3/4           | 150               | 105 | 75  | 55  | 2 | 14 | 4-Φ14   | 100                | 240 | 265 | 7                   |
| 25         | 1             | 160               | 115 | 85  | 65  | 2 | 14 | 4-Φ14   | 120                | 245 | 270 | 7.8                 |
| 32         | 1 1/4         | 180               | 135 | 100 | 78  | 2 | 16 | 4-Φ18   | 140                | 255 | 285 | 11                  |
| 40         | 1 1/2         | 200               | 145 | 110 | 85  | 3 | 18 | 4-Φ18   | 140                | 285 | 315 | 13                  |
| 50         | 2             | 230               | 160 | 125 | 100 | 3 | 18 | 4-Φ18   | 160                | 295 | 330 | 15                  |
| 65         | 2 1/2         | 290               | 180 | 145 | 120 | 3 | 20 | 4-Φ18   | 180                | 350 | 395 | 23                  |
| 80         | 3             | 310               | 195 | 160 | 135 | 3 | 20 | 4/8-Φ18 | 240                | 395 | 445 | 38                  |
| 100        | 4             | 350               | 215 | 180 | 155 | 3 | 22 | 8-Φ18   | 240                | 450 | 490 | 42                  |
| 125        | 5             | 400               | 245 | 210 | 185 | 3 | 24 | 8-Φ18   | 280                | 525 | 555 | 55                  |
| 150        | 6             | 480               | 280 | 240 | 210 | 3 | 24 | 8-Φ23   | 320                | 605 | 645 | 77                  |
| 200        | 8             | 495               | 335 | 295 | 265 | 3 | 24 | 8-Φ23   | 360                | 645 | 765 | 135                 |
| 250        | 10            | 622               | 390 | 350 | 320 | 3 | 26 | 12-Φ23  | 400                | 685 | 805 | 220                 |
| 300        | 12            | 698               | 440 | 400 | 368 | 4 | 28 | 12-Φ23  | 400                | 710 | 814 | 277                 |
| 350        | 14            | 787               | 500 | 460 | 428 | 4 | 28 | 16-Φ23  | 450                | 750 | 855 | 320                 |
| PN1.6MPa   |               |                   |     |     |     |   |    |         |                    |     |     |                     |
| 15         | 1/2           | 130               | 95  | 65  | 45  | 2 | 14 | 4-Φ14   | 100                | 240 | 265 | 7                   |
| 20         | 3/4           | 150               | 105 | 75  | 55  | 2 | 14 | 4-Φ14   | 100                | 245 | 270 | 7.6                 |
| 25         | 1             | 160               | 115 | 85  | 65  | 2 | 14 | 4-Φ14   | 120                | 250 | 275 | 8.2                 |
| 32         | 1 1/4         | 180               | 135 | 100 | 78  | 2 | 16 | 4-Φ18   | 140                | 260 | 290 | 12                  |
| 40         | 1 1/2         | 200               | 145 | 110 | 85  | 3 | 16 | 4-Φ18   | 140                | 285 | 320 | 14                  |
| 50         | 2             | 230               | 160 | 125 | 100 | 3 | 16 | 4-Φ18   | 160                | 300 | 335 | 18                  |
| 65         | 2 1/2         | 290               | 180 | 145 | 120 | 3 | 18 | 4-Φ18   | 180                | 355 | 400 | 26                  |
| 80         | 3             | 310               | 195 | 160 | 135 | 3 | 20 | 8-Φ18   | 240                | 400 | 450 | 40                  |
| 100        | 4             | 350               | 215 | 180 | 155 | 3 | 20 | 8-Φ18   | 240                | 455 | 495 | 50                  |
| 125        | 5             | 400               | 245 | 210 | 185 | 3 | 22 | 8-Φ18   | 280                | 530 | 560 | 65                  |
| 150        | 6             | 480               | 280 | 240 | 210 | 3 | 24 | 8-Φ23   | 320                | 610 | 650 | 85                  |
| 200        | 8             | 495               | 335 | 295 | 265 | 3 | 26 | 12-Φ23  | 360                | 650 | 770 | 150                 |
| 250        | 10            | 622               | 405 | 355 | 320 | 3 | 30 | 12-Φ25  | 400                | 690 | 810 | 245                 |
| 300        | 12            | 698               | 460 | 410 | 375 | 4 | 30 | 12-Φ25  | 400                | 730 | 845 | 295                 |
| PN2.5MPa   |               |                   |     |     |     |   |    |         |                    |     |     |                     |
| 15         | 1/2           | 130               | 95  | 65  | 45  | 2 | 16 | 4-Φ14   | 120                | 240 | 265 | 7.5                 |
| 20         | 3/4           | 150               | 105 | 75  | 55  | 2 | 16 | 4-Φ14   | 120                | 245 | 270 | 8                   |
| 25         | 1             | 160               | 115 | 85  | 65  | 2 | 16 | 4-Φ14   | 140                | 250 | 275 | 9                   |
| 32         | 1 1/4         | 180               | 135 | 100 | 78  | 2 | 18 | 4-Φ18   | 160                | 260 | 290 | 13                  |
| 40         | 1 1/2         | 200               | 145 | 110 | 85  | 3 | 18 | 4-Φ18   | 180                | 285 | 320 | 15                  |
| 50         | 2             | 230               | 160 | 125 | 100 | 3 | 20 | 4-Φ18   | 180                | 300 | 335 | 20                  |
| 65         | 2 1/2         | 290               | 180 | 145 | 120 | 3 | 22 | 8-Φ18   | 240                | 355 | 400 | 28                  |
| 80         | 3             | 310               | 195 | 160 | 135 | 3 | 22 | 8-Φ18   | 280                | 400 | 450 | 42                  |
| 100        | 4             | 350               | 230 | 190 | 160 | 3 | 24 | 8-Φ23   | 320                | 455 | 495 | 57                  |
| 125        | 5             | 400               | 270 | 220 | 188 | 3 | 28 | 8-Φ25   | 320                | 530 | 560 | 71                  |
| 150        | 6             | 480               | 300 | 250 | 218 | 3 | 30 | 8-Φ25   | 360                | 610 | 650 | 90                  |

\*法兰尺寸PN1.0MPa，DN80螺栓孔数量JB78时，Z = 4,其它标准时Z = 8。  
\* Flange Size PN1.0MPa, DN80 bolt hole when the number of JB78, Z = 4, when other standards Z = 8.

FLUORINE  
FLANGED GLOBE VALVE  
衬氟法兰截止阀



J44<sup>F3</sup><sub>F46</sub> 型法兰连接手动截止阀（角式）  
Flange connection manual cut-off valve (angle type)

|                                 |                                                                             |
|---------------------------------|-----------------------------------------------------------------------------|
| 遵循规范<br>Follow the standard     | STANDARD                                                                    |
| 设计与制造<br>Design and manufacture | GB 12233/GB 12235                                                           |
| 结构长度<br>Structure Length        | GB 12221(长系列)Long series                                                    |
| 法兰尺寸Flange size                 | GB/T9113.1、GB/T17241.6、JB/T79.1/82.1<br>(或按合同要求Or by contract requirements) |
| 压力试验Pressure test               | GB/T 13927                                                                  |
| 标志Mark                          | GB 12220                                                                    |
| 供货 Availability                 | GB/T 12252                                                                  |

法兰连接截止阀(角式) Flange connection cut-off valve(angle type)

- ※设计与制造符合中国国家标准
- ※Design and manufacture comply with national standards of China
- ※公称压力PN1.0～2.5MPa
- ※Nominal pressure PN1.0～2.5MPa
- ※公称通径DN15～300mm
- ※Nominal diameter DN15～300mm
- ※基本结构形式：角式（全衬里）
- ※Basic structure form: Angle type (entire lining)
- ※基本型号：手动J44F3 J44F46 电动J944F3 J944F46
- ※Basic model: Manual J44F3 J44F46 electrically operated J944F3 J944F46
- ※主要零部件材料：见前一页
- ※Main parts material: See previous page

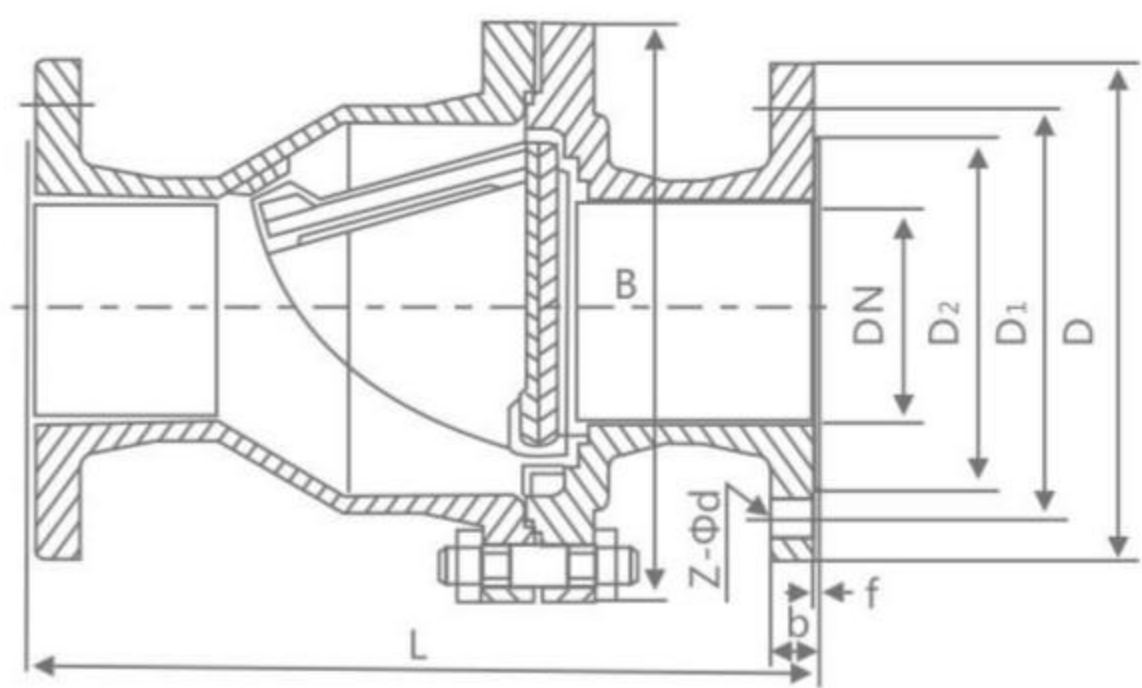
主要连接尺寸及重量 Main connection dimension and weight

JB/T79.1-1994  
JB/T82.1-1994

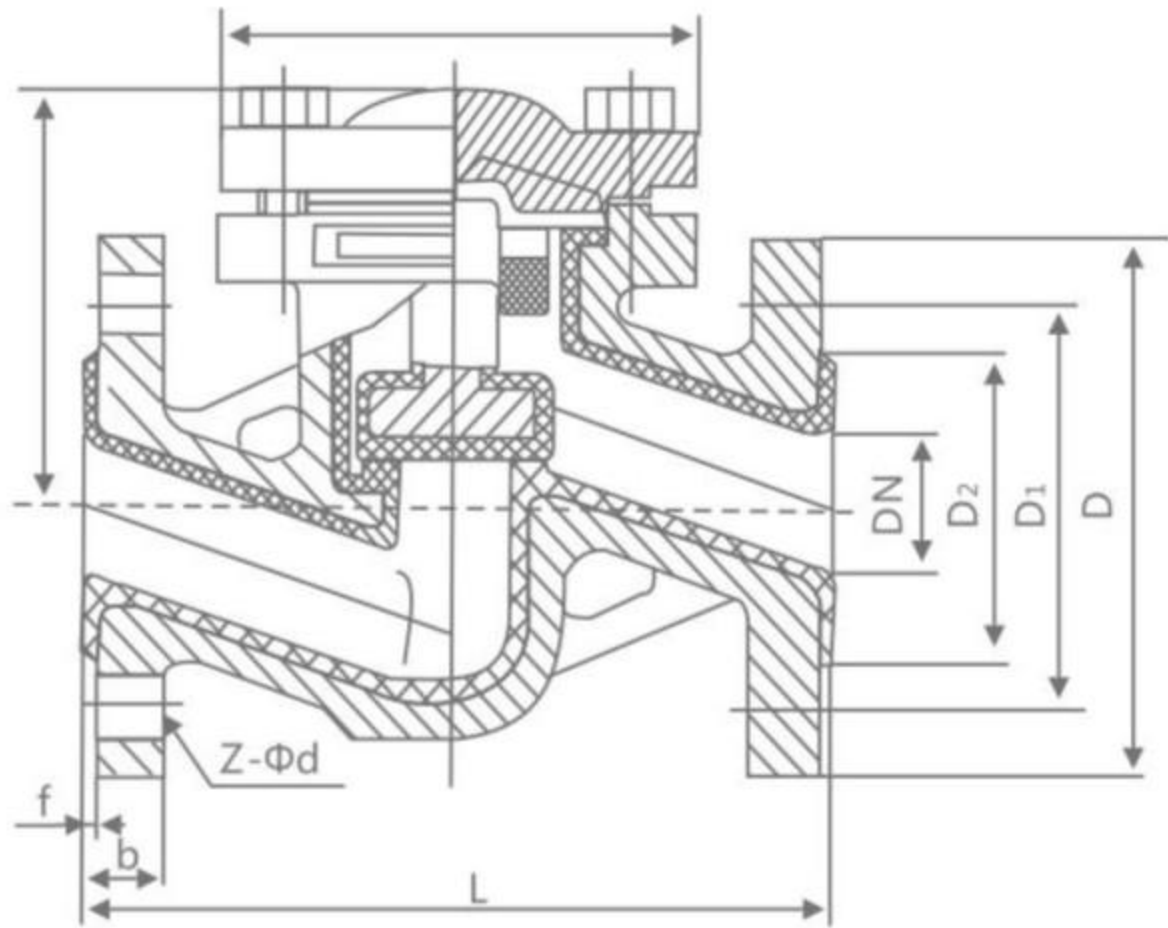
| 公称通径DN     |               | 标准值 Standard value |     |     |     |   |    |         | 参考值Reference value |     |     |              |
|------------|---------------|--------------------|-----|-----|-----|---|----|---------|--------------------|-----|-----|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                  | D   | D1  | D2  | F | b  | Z-Φd    | D0                 | H1  | H2  | 重量Weight(kg) |
| PN1.0MPa   |               |                    |     |     |     |   |    |         |                    |     |     |              |
| 15         | 1/2           | 90                 | 95  | 65  | 45  | 2 | 12 | 4-Φ14   | 100                | 240 | 265 | 7            |
| 20         | 3/4           | 95                 | 105 | 75  | 55  | 2 | 14 | 4-Φ14   | 100                | 245 | 270 | 7.5          |
| 25         | 1             | 100                | 115 | 85  | 65  | 2 | 14 | 4-Φ14   | 120                | 250 | 275 | 8            |
| 32         | 1 1/4         | 105                | 135 | 100 | 78  | 2 | 16 | 4-Φ18   | 120                | 260 | 290 | 12           |
| 40         | 1 1/2         | 115                | 145 | 110 | 85  | 3 | 18 | 4-Φ18   | 140                | 290 | 325 | 14           |
| 50         | 2             | 125                | 160 | 125 | 100 | 3 | 18 | 4-Φ18   | 140                | 300 | 355 | 19           |
| 65         | 2 1/2         | 145                | 180 | 145 | 120 | 3 | 20 | 4-Φ18   | 160                | 355 | 400 | 27           |
| 80         | 3             | 155                | 195 | 160 | 135 | 3 | 20 | 4/8-Φ18 | 160                | 400 | 450 | 42           |
| 100        | 4             | 175                | 215 | 180 | 155 | 3 | 22 | 8-Φ18   | 180                | 455 | 495 | 50           |
| 125        | 5             | 200                | 245 | 210 | 185 | 3 | 24 | 8-Φ18   | 180                | 530 | 560 | 64           |
| 150        | 6             | 225                | 280 | 240 | 210 | 3 | 24 | 8-Φ23   | 240                | 605 | 650 | 85           |
| 200        | 8             | 275                | 335 | 295 | 265 | 3 | 24 | 8-Φ23   | 240                | 650 | 770 | 105          |
| 250        | 10            | 325                | 390 | 350 | 320 | 3 | 26 | 12-Φ23  | 280                | 680 | 800 | 135          |
| 300        | 12            | 375                | 440 | 400 | 368 | 4 | 28 | 12-Φ23  | 280                | 710 | 835 | 155          |
| PN1.6MPa   |               |                    |     |     |     |   |    |         |                    |     |     |              |
| 15         | 1/2           | 90                 | 95  | 65  | 45  | 2 | 14 | 4-Φ14   | 100                | 240 | 265 | 7            |
| 20         | 3/4           | 95                 | 105 | 75  | 55  | 2 | 14 | 4-Φ14   | 100                | 245 | 270 | 7.5          |
| 25         | 1             | 100                | 115 | 85  | 65  | 2 | 14 | 4-Φ14   | 120                | 250 | 275 | 8.5          |
| 32         | 1 1/4         | 105                | 135 | 100 | 78  | 2 | 16 | 4-Φ18   | 140                | 260 | 290 | 12           |
| 40         | 1 1/2         | 115                | 145 | 110 | 85  | 3 | 16 | 4-Φ18   | 140                | 290 | 325 | 14           |
| 50         | 2             | 125                | 160 | 125 | 100 | 3 | 16 | 4-Φ18   | 160                | 300 | 355 | 19           |
| 65         | 2 1/2         | 145                | 180 | 145 | 120 | 3 | 18 | 4-Φ18   | 180                | 355 | 400 | 27           |
| 80         | 3             | 155                | 195 | 160 | 135 | 3 | 20 | 8-Φ18   | 240                | 400 | 450 | 42           |
| 100        | 4             | 175                | 215 | 180 | 155 | 3 | 20 | 8-Φ18   | 240                | 455 | 495 | 50           |
| 125        | 5             | 200                | 245 | 210 | 185 | 3 | 22 | 8-Φ18   | 280                | 530 | 560 | 64           |
| 150        | 6             | 225                | 280 | 240 | 210 | 3 | 24 | 8-Φ23   | 320                | 605 | 650 | 85           |
| 200        | 8             | 275                | 335 | 295 | 265 | 3 | 26 | 12-Φ23  | 360                | 650 | 770 | 155          |
| PN2.5MPa   |               |                    |     |     |     |   |    |         |                    |     |     |              |
| 15         | 1/2           | 90                 | 95  | 65  | 45  | 2 | 16 | 4-Φ14   | 120                | 245 | 270 | 7.5          |
| 20         | 3/4           | 95                 | 105 | 75  | 55  | 2 | 16 | 4-Φ14   | 120                | 250 | 275 | 8.8          |
| 25         | 1             | 100                | 115 | 85  | 65  | 2 | 16 | 4-Φ14   | 140                | 260 | 290 | 11           |
| 32         | 1 1/4         | 105                | 135 | 100 | 78  | 2 | 18 | 4-Φ18   | 140                | 290 | 325 | 13           |
| 40         | 1 1/2         | 115                | 145 | 110 | 85  | 3 | 18 | 4-Φ18   | 160                | 300 | 355 | 18           |
| 50         | 2             | 125                | 160 | 125 | 100 | 3 | 20 | 4-Φ18   | 180                | 355 | 400 | 31           |

\*法兰尺寸PN1.0MPa，DN80螺栓孔数量JB78时，Z=4,其它标准时Z=8。  
\* Flange Size PN1.0MPa, DN80 bolt hole when the number of JB78, Z = 4, when other standards Z = 8.

FLANGED  
FLANGED CHECK VALVES  
衬氟法兰止回阀



H44F<sub>3</sub>/<sub>46</sub> 型止回阀(旋启式)  
H44-F<sub>3</sub>/<sub>46</sub> Check valve (swing type)



H41F<sub>3</sub>/<sub>46</sub> 型法兰连接止回阀(直通升降式)  
H41-F<sub>3</sub>/<sub>46</sub> Flange connection valve (straight-through lift)

|                                 |                                                                    |
|---------------------------------|--------------------------------------------------------------------|
| 遵循规范<br>Follow the standard     | STANDARD                                                           |
| 设计与制造<br>Design and manufacture | GB 12235/GB 2236                                                   |
| 结构长度<br>Structure Length        | GB 12221(长短系列Long - Short Series)                                  |
| 法兰尺寸Flange size                 | JB/T78、JB/T79、JB/T82、JB/F82<br>(或按合同要求Or by contract requirements) |
| 压力试验Pressure test               | GB/T 13927                                                         |
| 标志Mark                          | GB 12220                                                           |
| 供货 Availability                 | GB/T 12252                                                         |

法兰连接止回阀（全衬里）  
Flange connection check valve (entire lining)

- ※设计与制造符合中国国家标准  
\* Design and manufacture conform to China national standards
- ※基本结构形式：旋启式、直通升降式  
\* Basic structure form: Turns on lathe opens the type, to go nonstop to the elevating
- ※公称压力PN0.6 ~ 1.6MPa  
\* Nominal pressure PN0.6~1.6MPa
- ※公称通径DN15 ~ 500mm  
\* Nominal size DN15~500mm
- ※基本型号H41F3 H41F46 H44F3 H44F46  
\* Basic model H41F3 H41F46 H44F3 H44F46

主要零部件材料表 Main spare part bill of materials

| 序号<br>NO. | 零件名称<br>Part name             | 灰铸铁Grey cast iron                                              | 碳钢Carbon Steel | 不锈钢Stainless steel |          | 超低碳不锈钢Low carbon stainless steel |          |
|-----------|-------------------------------|----------------------------------------------------------------|----------------|--------------------|----------|----------------------------------|----------|
|           |                               | Z                                                              | C              | P                  | R        | PL                               | RL       |
| 1         | 阀体、阀盖、阀瓣<br>Body, cover, disc | Ht250                                                          | WCB            | CF8                | CF8M     | CF3                              | CF3M     |
| 2         | 衬里层Lining layer               | FEP(F46) PFA(可溶性聚四氟乙烯Soluble PTFE) PCTFE(F3) PO(聚烯烃Polyolefin) |                |                    |          |                                  |          |
| 3         | 销轴Pin                         | 1Cr13/35 WCB 1Cr18Ni9/CF8 00Cr17Ni14Mo2/CF3M                   |                |                    |          |                                  |          |
| 4         | 隔膜Diaphragm                   | 35                                                             | 35             | 1Cr17Ni2           | 1Cr17Ni2 | 0Cr18Ni9                         | 0Cr18Ni9 |

主要连接尺寸及重量 Main connection dimension and weight

JB/T82.1-1994

| 公称通径DN     |               | 标准值Standard value |     |     |     |   |    |        | 参考值Reference value |     |              |
|------------|---------------|-------------------|-----|-----|-----|---|----|--------|--------------------|-----|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D   | D1  | D2  | f | b  | Z-Φd   | B                  | H   | 重量Weight(kg) |
| PN0.6MPa   |               |                   |     |     |     |   |    |        |                    |     |              |
| 15         | 1/2           | 130               | 80  | 55  | 40  | 2 | 12 | 4-Φ12  | 105                | 55  | 4            |
| 20         | 3/4           | 150               | 90  | 65  | 50  | 2 | 14 | 4-Φ12  | 115                | 58  | 5            |
| 25         | 1             | 160               | 100 | 75  | 60  | 2 | 14 | 4-Φ12  | 128                | 60  | 6            |
| 32         | 1 1/4         | 180               | 120 | 90  | 70  | 2 | 16 | 4-Φ14  | 145                | 75  | 7            |
| 40         | 1 1/2         | 200               | 130 | 100 | 80  | 3 | 16 | 4-Φ14  | 160                | 82  | 8            |
| 50         | 2             | 230               | 140 | 110 | 90  | 3 | 16 | 4-Φ14  | 178                | 95  | 10           |
| 65         | 2 1/2         | 290               | 160 | 130 | 110 | 3 | 16 | 4-Φ14  | 205                | 105 | 20           |
| 80         | 3             | 310               | 185 | 150 | 125 | 3 | 18 | 4-Φ18  | 230                | 120 | 25           |
| 100        | 4             | 350               | 205 | 170 | 145 | 3 | 18 | 4-Φ18  | 255                | 135 | 30           |
| 125        | 5             | 400               | 235 | 200 | 175 | 3 | 20 | 8-Φ18  | 305                | 158 | 50           |
| 150        | 6             | 480               | 260 | 225 | 200 | 3 | 20 | 8-Φ18  | 345                | 180 | 65           |
| 200        | 8             | 495               | 315 | 280 | 255 | 3 | 22 | 8-Φ18  | 415                | 215 | 137          |
| 250        | 10            | 622               | 370 | 335 | 310 | 3 | 24 | 12-Φ18 | 490                | 240 | 150          |
| 300        | 12            | 698               | 435 | 395 | 362 | 4 | 24 | 12-Φ23 | 540                | 265 | 185          |
| 350        | 14            | 787               | 485 | 445 | 412 | 4 | 26 | 12-Φ23 | 585                | 300 | 215          |
| 400        | 16            | 914               | 535 | 495 | 462 | 4 | 28 | 16-Φ23 | 635                | 360 | 244          |
| 450        | 18            | 978               | 590 | 550 | 518 | 4 | 28 | 16-Φ23 | 680                | 385 | 276          |
| 500        | 20            | 978               | 640 | 600 | 568 | 4 | 30 | 16-Φ23 | 740                | 415 | 315          |

# FLANGED FLANGED CHECK VALVES

## 衬氟法兰止回阀

主要连接尺寸及重量 Main connection dimension and weight

JB/T82.1-1994

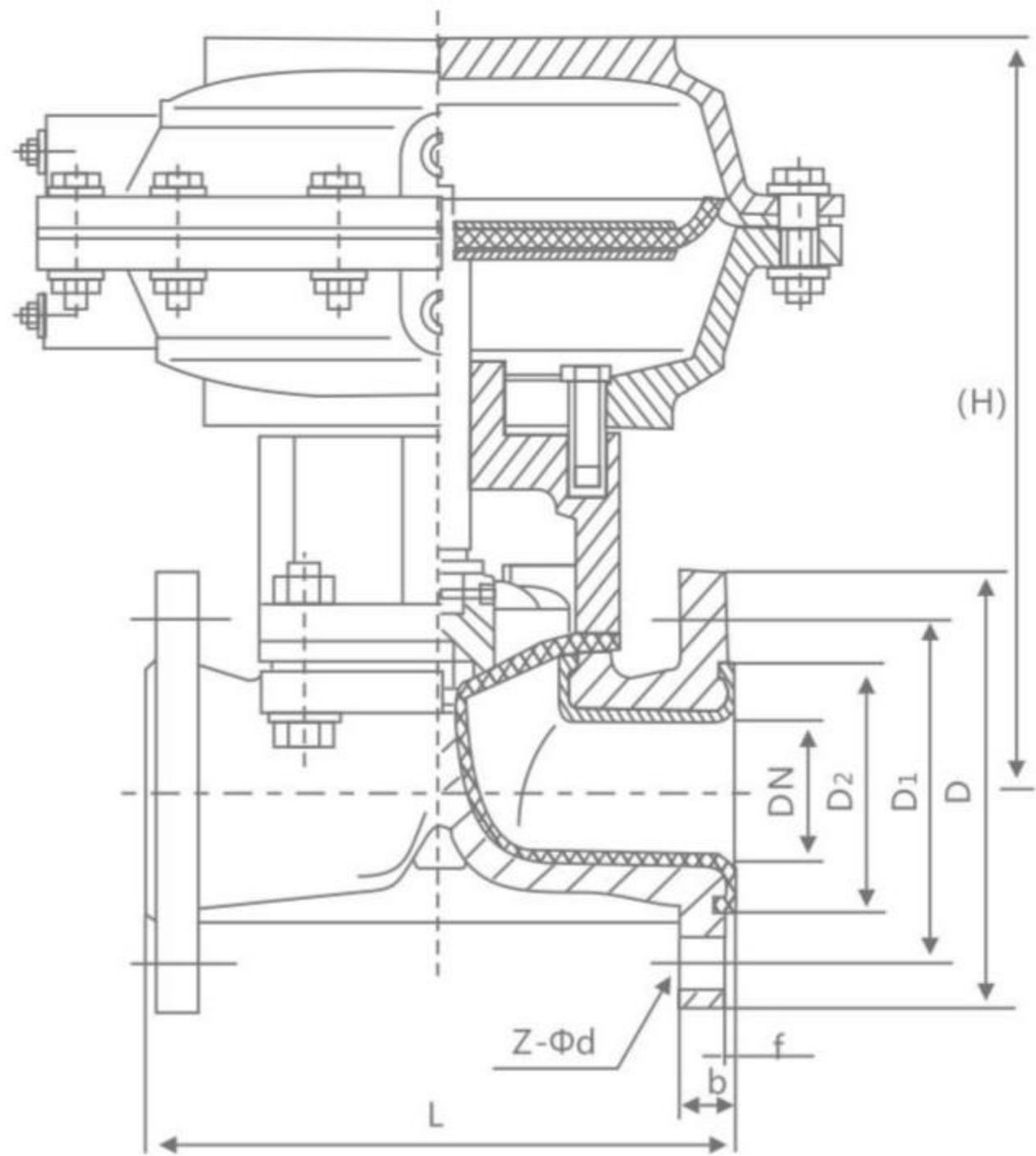
| 公称通径DN     |               | 标准值Standard value |     |     |     |   |    |        | 参考值Reference value |     |              |
|------------|---------------|-------------------|-----|-----|-----|---|----|--------|--------------------|-----|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D   | D1  | D2  | f | b  | Z-Φd   | B                  | H   | 重量Weight(kg) |
|            |               | PN1.0MPa          |     |     |     |   |    |        |                    |     |              |
| 15         | 1/2           | 130               | 95  | 65  | 45  | 2 | 12 | 4-Φ14  | 105                | 55  | 5            |
| 20         | 3/4           | 150               | 105 | 75  | 55  | 2 | 14 | 4-Φ14  | 115                | 58  | 7            |
| 25         | 1             | 160               | 115 | 85  | 65  | 2 | 14 | 4-Φ14  | 128                | 60  | 9            |
| 32         | 1 1/4         | 180               | 135 | 100 | 78  | 2 | 16 | 4-Φ18  | 145                | 75  | 11           |
| 40         | 1 1/2         | 200               | 145 | 110 | 85  | 3 | 18 | 4-Φ18  | 160                | 82  | 13.5         |
| 50         | 2             | 230               | 160 | 125 | 100 | 3 | 18 | 4-Φ18  | 178                | 95  | 18           |
| 65         | 2 1/2         | 290               | 180 | 145 | 120 | 3 | 20 | 4-Φ18  | 205                | 105 | 22           |
| 80         | 3             | 310               | 195 | 160 | 135 | 3 | 20 | 4-Φ18  | 230                | 120 | 28           |
| 100        | 4             | 350               | 215 | 180 | 155 | 3 | 22 | 8-Φ18  | 255                | 135 | 34           |
| 125        | 5             | 400               | 245 | 210 | 185 | 3 | 24 | 8-Φ18  | 305                | 158 | 58           |
| 150        | 6             | 480               | 280 | 240 | 210 | 3 | 24 | 8-Φ23  | 345                | 180 | 72           |
| 200        | 8             | 495               | 335 | 295 | 265 | 3 | 24 | 8-Φ23  | 415                | 215 | 150          |
| 250        | 10            | 622               | 390 | 350 | 320 | 3 | 26 | 12-Φ23 | 490                | 240 | 165          |
| 300        | 12            | 698               | 440 | 400 | 368 | 4 | 28 | 12-Φ23 | 540                | 265 | 190          |
| 350        | 14            | 787               | 500 | 460 | 428 | 4 | 28 | 16-Φ23 | 585                | 300 | 225          |
| 400        | 16            | 914               | 565 | 515 | 482 | 4 | 30 | 16-Φ25 | 635                | 360 | 254          |
| 450        | 18            | 978               | 615 | 565 | 532 | 4 | 30 | 20-Φ25 | 680                | 385 | 285          |
| 500        | 20            | 978               | 670 | 620 | 585 | 4 | 32 | 20-Φ25 | 740                | 415 | 333          |

JB/T79.1-1994

| 公称通径DN     |               | 标准值Standard value |     |     |     |   |    |        | 参考值Reference value |     |              |
|------------|---------------|-------------------|-----|-----|-----|---|----|--------|--------------------|-----|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D   | D1  | D2  | f | b  | Z-Φd   | B                  | H   | 重量Weight(kg) |
|            |               | PN1.6MPa          |     |     |     |   |    |        |                    |     |              |
| 15         | 1/2           | 130               | 95  | 65  | 45  | 2 | 14 | 4-Φ14  | 110                | 55  | 6            |
| 20         | 3/4           | 150               | 105 | 75  | 55  | 2 | 16 | 4-Φ14  | 120                | 58  | 7.8          |
| 25         | 1             | 160               | 115 | 85  | 65  | 2 | 18 | 4-Φ14  | 135                | 60  | 10           |
| 32         | 1 1/4         | 180               | 135 | 100 | 78  | 2 | 18 | 4-Φ18  | 150                | 75  | 12.5         |
| 40         | 1 1/2         | 200               | 145 | 110 | 85  | 3 | 20 | 4-Φ18  | 165                | 82  | 14.5         |
| 50         | 2             | 230               | 160 | 125 | 100 | 3 | 22 | 4-Φ18  | 185                | 95  | 19.5         |
| 65         | 2 1/2         | 290               | 180 | 145 | 120 | 3 | 24 | 4-Φ18  | 210                | 105 | 25.5         |
| 80         | 3             | 310               | 195 | 160 | 135 | 3 | 24 | 8-Φ18  | 235                | 120 | 30           |
| 100        | 4             | 350               | 215 | 180 | 155 | 3 | 26 | 8-Φ18  | 260                | 135 | 36           |
| 125        | 5             | 400               | 245 | 210 | 185 | 3 | 28 | 8-Φ18  | 310                | 158 | 62           |
| 150        | 6             | 480               | 280 | 240 | 210 | 3 | 28 | 8-Φ23  | 350                | 180 | 78           |
| 200        | 8             | 495               | 335 | 295 | 265 | 3 | 30 | 12-Φ23 | 420                | 215 | 156          |
| 250        | 10            | 622               | 405 | 355 | 320 | 3 | 32 | 12-Φ25 | 505                | 240 | 172          |
| 300        | 12            | 698               | 460 | 410 | 375 | 4 | 32 | 12-Φ25 | 560                | 265 | 240          |
| 350        | 14            | 787               | 520 | 470 | 435 | 4 | 34 | 16-Φ25 | 605                | 300 | 208          |
| 400        | 16            | 914               | 580 | 525 | 485 | 4 | 38 | 16-Φ30 | 650                | 350 | 265          |

\*法兰尺寸PN1.0MPa，DN80螺栓孔数量JB78时Z=4，其它标准时Z=8。  
\* Flange size PN1.0MPa, DN80 bolt hole when the number of JB78 Z = 4, other standards, Z = 8.

FLANGED  
DIAPHRAGM VALVE  
衬氟法兰隔膜阀



Eg641 F<sub>46</sub><sup>3</sup> 型气动隔膜阀(堰式)  
EG641- F<sub>46</sub><sup>3</sup> Pneumatic diaphragm valve (weir type)

法兰连接隔膜阀 ( 英标 )Flange connection diaphragm valve (British sign)

※设计与制造符合BS英国国家标准  
Design and manufacture conform to BS Britain national standards  
※公称压力PN0.6~1.6MPa  
Nominal pressure PN0.6~1.6MPa  
※基本结构形式：堰式、直流式  
Basic structure form: Weir, DC style  
※公称通径DN20~200mm  
Nominal size Dn20~200mm

主要零部件材料表 Main spare part bill of materials

| 序号<br>NO . | 零件名称<br>Part name             | 灰铸铁Grey cast iron                                                         | 碳钢Carbon Steel | 不锈钢Stainless steel |           | 超低碳不锈钢Low carbon stainless steel |            |
|------------|-------------------------------|---------------------------------------------------------------------------|----------------|--------------------|-----------|----------------------------------|------------|
|            |                               | Z                                                                         | C              | P                  | R         | PL                               | RL         |
| 1          | 阀体、阀盖、阀瓣<br>Body, cover, disc | A126C.I35A                                                                | A126 WCB       | A315 CF8           | A315 CF8M | A315 CF3                         | A315 CF3M  |
| 2          | 阀杆Stem                        | A182 F6a                                                                  | A182 F6a       | A182 F304          | A182 F316 | A182 F304L                       | A182 F316L |
| 3          | 衬里层Lining layer               | FEP(F46) PFA(可溶性聚四氟乙烯Soluble PTFE) PCTFE(F3) PO(聚烯烃Polyolefin)            |                |                    |           |                                  |            |
| 4          | 隔膜Diaphragm                   | FEP(F46)/CR(氯丁橡胶Neoprene) PFA ( 可溶性聚四氟乙烯Soluble PTFE ) /FPDM ( 乙丙橡胶EPDM ) |                |                    |           |                                  |            |
| 5          | 螺栓Bolt                        | A193 B7                                                                   | A193 B7        | A193 B8            | A193 B8M  | A193 B8                          | A193 B8M   |
| 6          | 螺母Nut                         | A194 2H                                                                   | A194 2H        | A194 8             | A194 8M   | A194 8                           | A194 8M    |

主要连接尺寸及重量 Main connection dimension and weight

| 公称通径DN     |               | 标准值Standard value |     |     |     |   |    |         | 参考值Reference value |     |              |
|------------|---------------|-------------------|-----|-----|-----|---|----|---------|--------------------|-----|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D   | D1  | D2  | f | b  | Z-Φd    | D0                 | H   | 重量Weight(kg) |
| PN1.0MPa   |               |                   |     |     |     |   |    |         |                    |     |              |
| 20         | 3/4           | 121               | 105 | 75  | 55  | 2 | 14 | 4-Φ13.5 | 70                 | 92  | 3            |
| 25         | 1             | 131               | 115 | 85  | 65  | 2 | 14 | 4-Φ13.5 | 83                 | 96  | 4            |
| 32         | 1 1/4         | 150               | 135 | 100 | 78  | 2 | 16 | 4-Φ17.5 | 114                | 131 | 6.5          |
| 40         | 1 1/2         | 163               | 145 | 110 | 85  | 3 | 18 | 4-Φ17.5 | 114                | 142 | 7.5          |
| 50         | 2             | 194               | 160 | 125 | 100 | 3 | 18 | 4-Φ17.5 | 140                | 167 | 10.5         |
| 65         | 2 1/2         | 220               | 180 | 145 | 120 | 3 | 20 | 4-Φ17.5 | 165                | 203 | 17.5         |
| 80         | 3             | 258               | 195 | 160 | 135 | 3 | 20 | 8-Φ17.5 | 230                | 216 | 25           |
| 100        | 4             | 309               | 215 | 180 | 155 | 3 | 22 | 8-Φ17.5 | 280                | 270 | 36           |
| 125        | 5             | 362               | 245 | 210 | 185 | 3 | 24 | 8-Φ17.5 | 280                | 319 | 47           |
| 150        | 6             | 412               | 280 | 240 | 210 | 3 | 24 | 8-Φ22   | 363                | 365 | 73           |
| 200        | 8             | 529               | 335 | 295 | 265 | 3 | 24 | 8-Φ22   | 483                | 462 | 142          |
| PN1.6MPa   |               |                   |     |     |     |   |    |         |                    |     |              |
| 20         | 3/4           | 121               | 105 | 75  | 55  | 2 | 16 | 4-Φ13.5 | 70                 | 92  | 3.2          |
| 25         | 1             | 131               | 115 | 85  | 65  | 2 | 18 | 4-Φ13.5 | 83                 | 96  | 4.3          |
| 32         | 1 1/4         | 150               | 135 | 100 | 78  | 2 | 18 | 4-Φ17.5 | 114                | 131 | 6.9          |
| 40         | 1 1/2         | 163               | 145 | 110 | 85  | 3 | 20 | 4-Φ17.5 | 114                | 142 | 7.9          |
| 50         | 2             | 194               | 160 | 125 | 100 | 3 | 22 | 4-Φ17.5 | 140                | 167 | 11           |

\*除非合同另有规定，隔膜阀在PN0.6MPa时，其法兰尺寸按PN1.0MPa制造；\*法兰尺寸PN1.0MPa，DN80螺栓孔数量JB78时Z=4,其它标准时Z=8。

\*Unless otherwise specified herein, diaphragm valve in PN0.6MPa, its flange sizes manufactured by PN1.0MPa;

\*flange size PN1.0MPa, DN80 bolt hole when the number of JB78 Z = 4, other standards, Z = 8.

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| 遵循规范<br>Follow the standard     | STANDARD                                                |
| 设计与制造<br>Design and manufacture | BS5156(一般用途隔膜阀)<br>General Purpose Diaphragm            |
| 结构长度<br>Structure Length        | (BS5156值+2f)=saunders                                   |
| 法兰尺寸Flange size                 | GB 4216、JB/T82.1<br>(或按合同要求Or by contract requirements) |
| 压力试验Pressure test               | API 598                                                 |
| 标志Mark                          | MSS SP-25                                               |
| 供货 Availability                 | BS 5156                                                 |

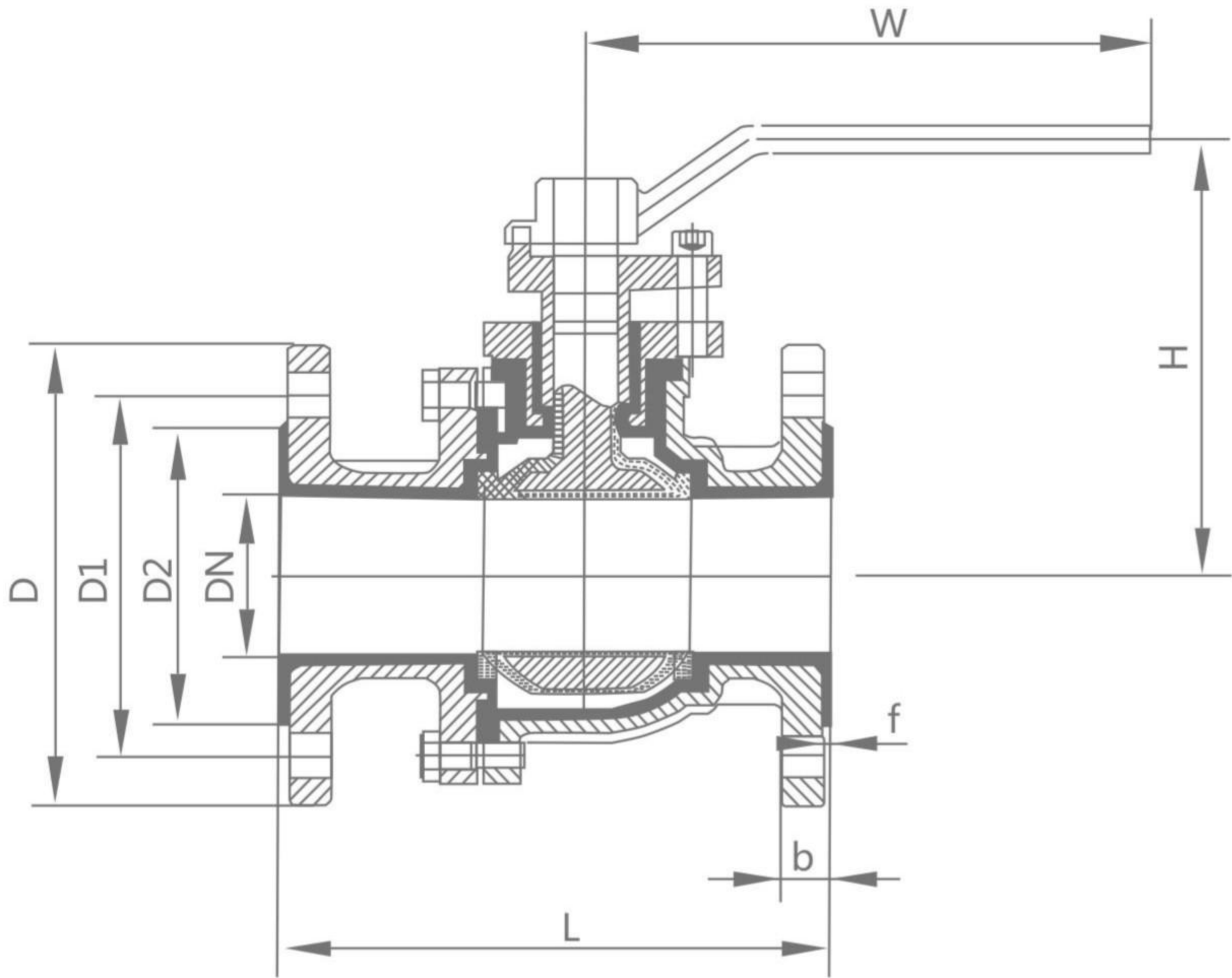
基本型号 ( 全衬里 ) Basic model (entire lining)

|                    |                              |                    |                              |
|--------------------|------------------------------|--------------------|------------------------------|
| 手动<br>Hand         | G41F3(堰式Weir)                | 手动<br>Hand         | G641F3(往复式Reciprocating)     |
|                    | G41F46(堰式Weir)               |                    | G641F46(往复式Reciprocating)    |
|                    | G45F3(直流式DC type)            |                    | G6B41F3(常闭式Normally closed)  |
|                    | G45F46(直流式DC type)           |                    | G6B41F46(常闭式Normally closed) |
| 电动<br>Electrically | G9B41F3(防爆型Explosion-proof)  | 电动<br>Electrically | G941F3(普通型Ordinary)          |
|                    | G9B41F46(防爆型Explosion-proof) |                    | G941F46普通型Ordinary)          |

# FLANGED MANUAL BALL VALVE

## 衬氟法兰手动球阀

衬氟国标球阀 ( Q41F45-16 )  
Fluorine lined GB ball valve



基本型号Basic model

|                       |               |                    |               |
|-----------------------|---------------|--------------------|---------------|
| 手动<br>Hand            | Q41F4(全衬里)    | 气动<br>Pneumatic    | Q641F4(全衬里)   |
|                       | Q41F46(全衬里)   |                    | Q641F46(全衬里)  |
|                       | Q41F4(全衬里)    |                    | Q641FA(全衬里)   |
| 蜗轮<br>传动<br>Worm gear | Q341F46(全衬里)  | 电动<br>Electrically | Q941F4(全衬里)   |
|                       | Q3411F46(全衬里) |                    | Q9411F46(全衬里) |
|                       | Q341PF4(全衬里)  |                    | Q941PFA(全衬里)  |

技术标准Technical standards

|                                 |                                       |
|---------------------------------|---------------------------------------|
| 设计与制造<br>Design and manufacture | GB/T12237                             |
| 结构长度<br>Structure Length        | HG/T3704-2003 GB/T12221 ASME B16.10   |
| 法兰尺寸Flange size                 | HG/T20592-2009 ANSI B16.5a            |
| 驱动方式Drive way                   | 手动, 电动, 气动Manual, electric, pneumatic |
| 公称压力Nominal pressure            | 0.6、1.0、1.6、2.5MPa Class150 JIS10K    |
| 压力试验Pressure test               | GB/T13927-92 API 598                  |

主要零部件材料表 Main spare part bill of materials

| 序号<br>NO . | 零件名称<br>Part name | 碳钢 Carbon Steel                                     | 不锈钢 Stainless steel |          |          |          |
|------------|-------------------|-----------------------------------------------------|---------------------|----------|----------|----------|
|            |                   | C                                                   | P                   | R        | PL       | RL       |
| 1          | 阀体、阀盖Body, cover  | WCB                                                 | CF8                 | CF8M     | Cf3      | CF3M     |
| 2          | 球体 Ball           | WCB                                                 | CF8                 | CF8M     | CF3      | CF3M     |
| 3          | 内衬材料阀座            | FEP(F46)、PTFE(F4)、PFA(可溶性聚四氟乙烯)、PO(聚烯)、PE(超高分子量聚乙烯) |                     |          |          |          |
| 4          | 填料压盖packing gland | WCB                                                 | CF8                 | CF8M     | Cf3      | CF3M     |
| 5          | 阀座填料              | PTFE(F4)聚四氟乙烯                                       |                     |          |          |          |
| 6          | 螺栓Bolt            | 35                                                  | 1Cr17Ni12           | 1Cr17Ni2 | 1Cr18Ni2 | 1Cr19Ni2 |
| 7          | 螺母Nut             | 45                                                  | 0Cr19Ni9            | 0Cr18Ni9 | 0Cr18Ni9 | 0Cr18Ni9 |
| 8          | 手柄Handle          | WCB                                                 |                     |          |          |          |

FLANGED  
MANUAL BALL VALVE  
衬氟法兰手动球阀

主要连接尺寸及重量 Main connection dimensions and weight

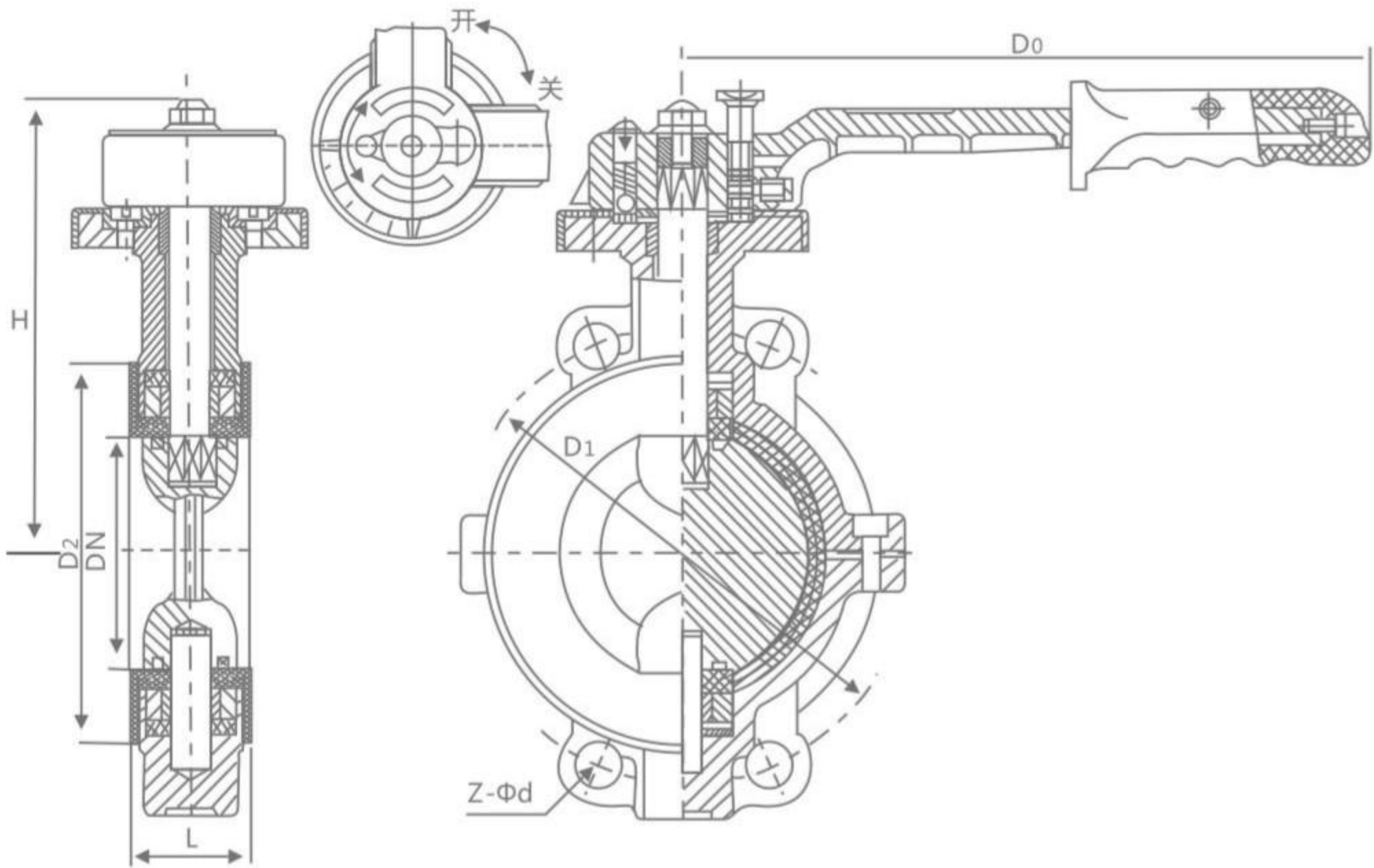
JB/T82.1

| 公称通径DN     |               | 主要尺寸Main dimensions |     |     |     |   |    |       | 参考值Reference value |     |
|------------|---------------|---------------------|-----|-----|-----|---|----|-------|--------------------|-----|
| DN<br>(mm) | NPS<br>(inch) | L                   | D   | D1  | D2  | f | B  | Z-Φd  | D0                 | H   |
|            |               | PN1.0MPa            |     |     |     |   |    |       |                    |     |
| 15         | 1/2           | 140                 | 95  | 65  | 45  | 3 | 16 | 4-14  | 140                | 90  |
| 20         | 3/4           | 140                 | 105 | 75  | 55  | 3 | 18 | 4-14  | 140                | 100 |
| 25         | 1             | 150                 | 115 | 85  | 65  | 3 | 18 | 4-14  | 180                | 105 |
| 32         | 1 1/4         | 165                 | 140 | 100 | 75  | 3 | 18 | 4-18  | 180                | 120 |
| 40         | 1 1/2         | 180                 | 150 | 110 | 85  | 3 | 18 | 4-18  | 225                | 140 |
| 50         | 2             | 200                 | 165 | 125 | 100 | 3 | 18 | 4-18  | 225                | 150 |
| 65         | 2 1/2         | 220                 | 185 | 145 | 120 | 3 | 18 | 4-18  | 360                | 160 |
| 80         | 3             | 250                 | 200 | 160 | 135 | 3 | 20 | 8-18  | 420                | 215 |
| 100        | 4             | 280                 | 220 | 180 | 155 | 3 | 20 | 8-18  | 420                | 240 |
| 125        | 5             | 320                 | 250 | 210 | 185 | 4 | 22 | 8-18  | 520                | 250 |
| 150        | 6             | 360                 | 285 | 240 | 210 | 4 | 22 | 8-22  | 520                | 290 |
| 200        | 8             | 400                 | 340 | 295 | 265 | 4 | 24 | 8-22  | 240                | 340 |
| 250        | 10            | 450                 | 395 | 350 | 320 | 5 | 26 | 12-22 | 240                | 380 |
| 300        | 12            | 610                 | 445 | 400 | 370 | 5 | 26 | 12-22 | 280                | 450 |
| PN1.6MPa   |               |                     |     |     |     |   |    |       |                    |     |
| 15         | 1/2           | 140                 | 95  | 65  | 45  | 3 | 16 | 4-14  | 140                | 90  |
| 20         | 3/4           | 140                 | 105 | 75  | 55  | 3 | 18 | 4-14  | 140                | 100 |
| 25         | 1             | 150                 | 115 | 85  | 65  | 3 | 18 | 4-14  | 180                | 105 |
| 32         | 1 1/4         | 165                 | 140 | 100 | 75  | 3 | 18 | 4-18  | 180                | 120 |
| 40         | 1 1/2         | 180                 | 150 | 110 | 85  | 3 | 18 | 4-18  | 225                | 140 |
| 50         | 2             | 200                 | 165 | 125 | 100 | 3 | 18 | 4-18  | 225                | 150 |
| 65         | 2 1/2         | 220                 | 185 | 145 | 120 | 3 | 18 | 4-18  | 360                | 160 |
| 80         | 3             | 250                 | 200 | 160 | 135 | 3 | 20 | 8-18  | 420                | 215 |
| 100        | 4             | 280                 | 220 | 180 | 155 | 3 | 20 | 8-18  | 420                | 240 |
| 125        | 5             | 320                 | 250 | 210 | 185 | 4 | 22 | 8-18  | 520                | 250 |
| 150        | 6             | 360                 | 285 | 240 | 210 | 4 | 22 | 8-22  | 520                | 290 |
| 200        | 8             | 400                 | 340 | 295 | 265 | 4 | 24 | 12-22 | 240                | 340 |
| 250        | 10            | 450                 | 405 | 355 | 320 | 5 | 26 | 12-26 | 240                | 380 |
| 300        | 12            | 610                 | 460 | 410 | 370 | 5 | 28 | 12-26 | 280                | 450 |

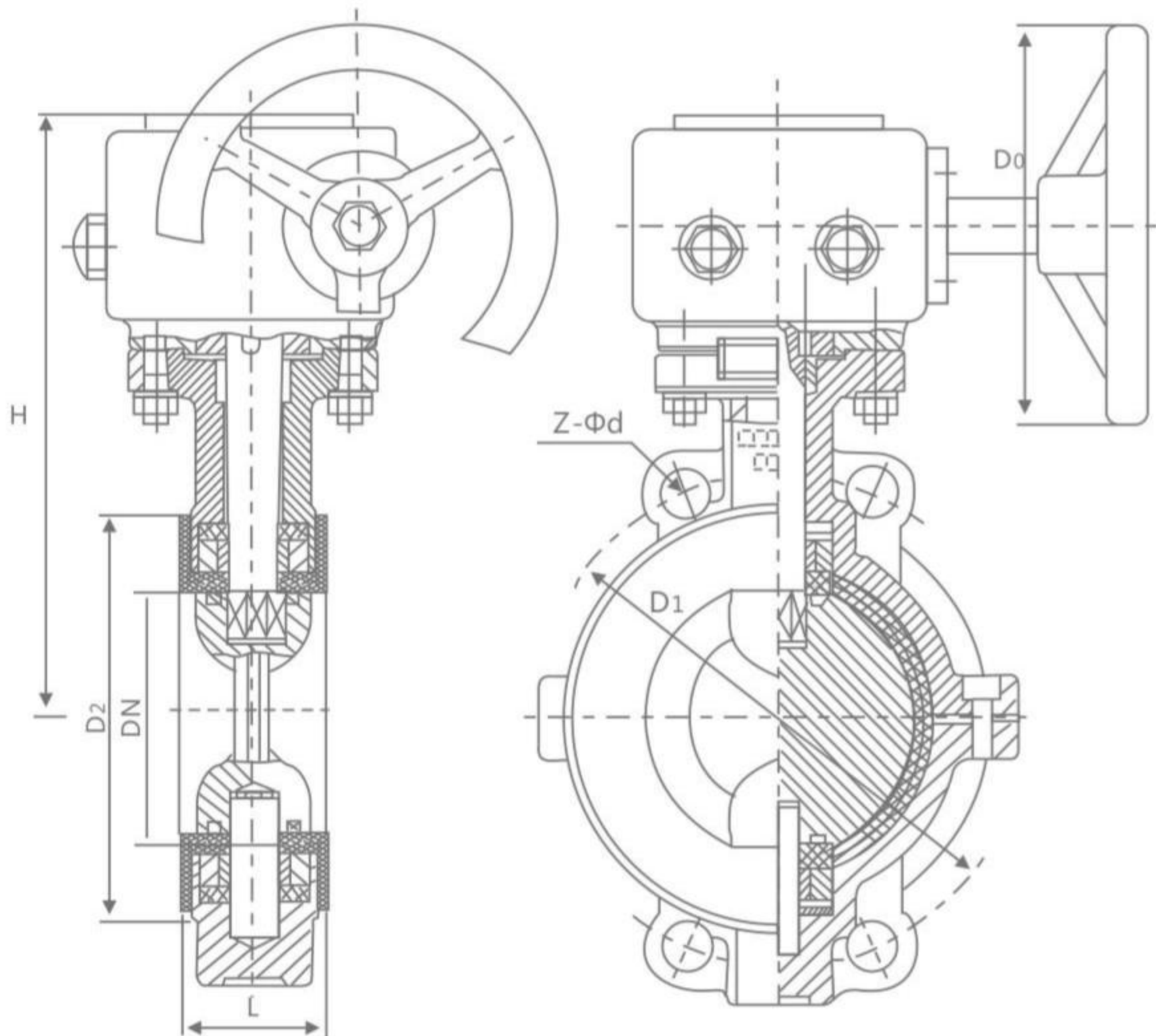
DN200以上Do尺寸为蜗轮手轮尺寸，DN200以下Do尺寸为手柄尺寸  
机械标准是（JB78）时为4孔  
The size of Do above DN200 is worm wheel handwheel size, and the size of Do below DN200 is handle size  
The mechanical standard is (JB78) for 4 holes

FLUORINE LINED CLAMP BUTTERFLY VALVE (MIDDLE LINE)

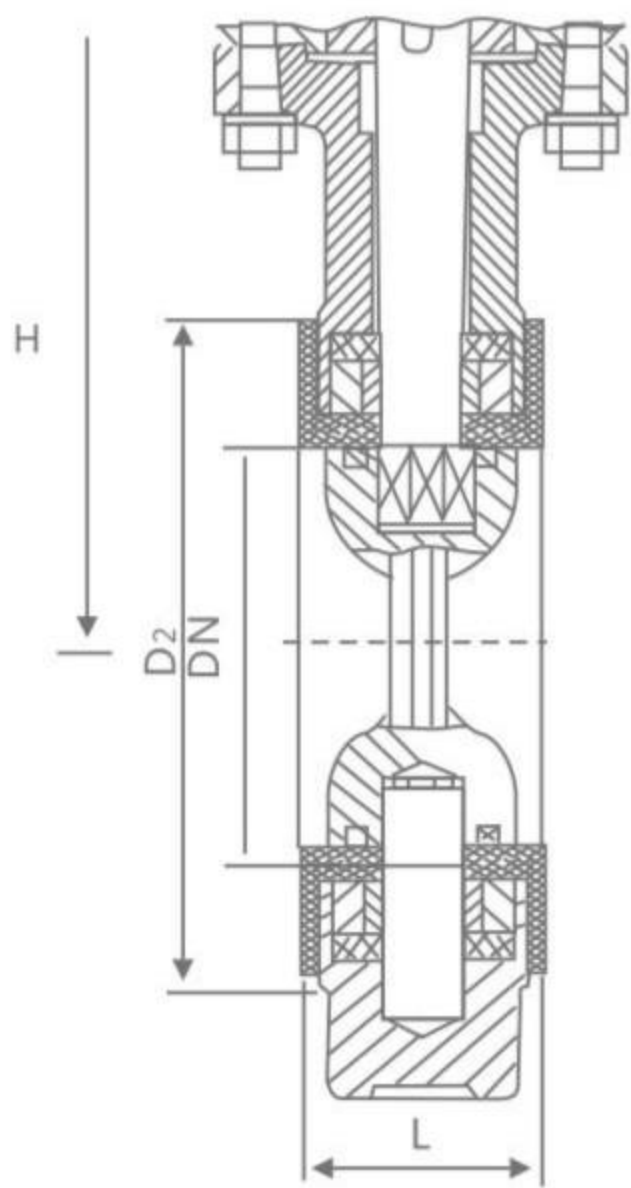
衬氟对夹蝶阀(中线)



DA71F46型对夹式手动蝶阀（中线）  
DA71F46 Wafer type manual butterfly valve type (middle)



DA371F46型对夹式蜗轮传动蝶阀（中线）  
DA371F46 Wafer type butterfly valve worm gear transmission (middle)



DA371F46型对夹式蜗轮传动蝶阀（中线）  
DA371F46 Worm drive type wafer type butterfly valve (middle)

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| 遵循规范<br>Follow the standard     | STANDARD                                         |
| 设计与制造<br>Design and manufacture | GB 12238(中线Midline )                             |
| 结构长度<br>Structure Length        | GB 12221(短系列Short Series)                        |
| 法兰尺寸<br>Flange size             | JB79/JB82<br>(或按合同要求Or by contract requirements) |
| 压力试验<br>Pressure test           | GB/T 13927                                       |
| 标志<br>Mark                      | GB 12220                                         |
| 供货<br>Availability              | GB/T 12252                                       |

对夹连接蝶阀（中线）Wafer butterfly valves (middle)

- ※设计与制造符合中国国家标准  
※基本结构形式（蝶板轴与阀体/阀座中心重合）
- a.DA71F46全衬里型  
阀体全衬里/蝶板全衬层/蝶板与蝶板轴合为一体
  - b.DA71F4全衬里型  
阀体全衬里/蝶板全衬层/蝶板与蝶板轴组合装配
  - c. DA71F/P半衬里型  
阀体全衬里/蝶板为不锈钢（不衬）/蝶板与蝶板轴组合装配
- Design and manufacture comply with national standards of China  
Basic structure of the form (the disc axis and the valve / seat centers coincide)
- a.DA71F46 full lining type  
The whole body lining / disc full lining / disc and disc axis into one
  - b.DA71F4 full lining type  
The whole body lining / disc full lining / disc and disc shaft and assembled
  - c. DA71F / P-type semi-lining  
The whole body lining / disc of stainless steel (not lined) / disc and disc shaft and assembled

基本型号 Basic model

公称压力PN0.6 ~ 1.6MPa 公称通径DN40 ~ 1200mm  
Nominal pressure PN0.6 ~ 1.6MPa Nominal diameter DN40 ~ 1200mm

|                 |                          |                    |                          |
|-----------------|--------------------------|--------------------|--------------------------|
| 手动<br>Hand      | DA71F/P(半衬Half lining)   | 蜗轮传动<br>Worm drive | DA371F/P(半衬Half lining)  |
|                 | DA71F3（全衬里Full lining）   |                    | DA371F3（全衬里Full lining）  |
|                 | DA71F4（全衬里Full lining）   |                    | DA371F4（全衬里Full lining）  |
|                 | DA71F46（全衬里Full lining）  |                    | DA371F46（全衬里Full lining） |
| 气动<br>Pneumatic | DA671F/P(半衬Half lining)  | 电动<br>Electrically | DA971F/P(半衬Half lining)  |
|                 | DA671F3（全衬里Full lining）  |                    | DA971F3（全衬里Full lining）  |
|                 | DA671F4（全衬里Full lining）  |                    | DA971F4（全衬里Full lining）  |
|                 | DA671F46（全衬里Full lining） |                    | DA971F46（全衬里Full lining） |

FLUORINE LINED CLAMP  
BUTTERFLY VALVE (MIDDLE LINE)  
衬氟对夹蝶阀(中线)

主要零部件材料表 Main spare part bill of materials

| 序号<br>NO. | 零件名称<br>Part Name                 | 灰铸铁<br>Grey cast iron                                      | 碳钢<br>Carbon steel | 不锈钢Stainless steel |                | 超低碳不锈钢Low carbon stainless steel |               |
|-----------|-----------------------------------|------------------------------------------------------------|--------------------|--------------------|----------------|----------------------------------|---------------|
|           |                                   | Z                                                          | C                  | P                  | R              | PL                               | RL            |
| 1         | 上、下阀体<br>Upper and lower body     | HT250                                                      | WCB                | CF8                | CF8M           | CF3                              | CF3M          |
| 2         | 蝶板Disc                            | WCB                                                        | 35 ( 锻 )           | CF8                | CF8M           | CF3                              | CF3M          |
| 3         | 蝶板轴<br>Butterfly Plates           | 1Cr13                                                      | 2Cr13              | 0Cr18Ni9           | 0Cr18Ni12Mo2   | 00Cr18Ni10                       | 00Cr18Ni14Mo2 |
| 4         | 衬里层/阀座<br>Lining layer / seat     | PTFE(F4) PCTFE(F3) FEP(F46) PFA(可溶F4) PO ( 聚烯烃Polyolefin ) |                    |                    |                |                                  |               |
| 5         | O型圈O-ring                         | FPM(氟橡胶Viton)                                              |                    |                    |                |                                  |               |
| 6         | 弹簧条 ( 垫 )<br>Spring section (pad) | Si(硅橡胶Silicone rubber)                                     |                    |                    |                |                                  |               |
| 7         | 调节定位座<br>Adjustment in Block      | 0Cr18Ni9                                                   | 0Cr18Ni9           | 1Cr18Ni9Ti         | 1Cr18Ni12Mo2Ti | 00Cr18Ni10                       | 00Cr18Ni14Mo2 |
| 8         | 螺栓Bolt                            | 35                                                         | 35                 | 1Cr17Ni2           | 1Cr17Ni2       | 0Cr18Ni9                         | 0Cr18Ni12Mo2  |
| 9         | 螺母Nut                             | 25                                                         | 25                 | 0Cr18Ni9           | 0Cr18Ni9       | 0Cr18Ni9                         | 0Cr18Ni12Mo2  |
| 10        | 手柄Handle                          | ZL 101(铸造铝合金Cast Aluminum)                                 |                    |                    |                |                                  |               |

主要连接尺寸及重量 Main connection dimension and weight

JB/T82.1

| 公称通径DN     |               | 标准值Standard value |      |      |      |   |    |        | 参考值Reference value |      |              |
|------------|---------------|-------------------|------|------|------|---|----|--------|--------------------|------|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D    | D1   | D2   | f | B  | Z-Φd   | D0                 | H    | 重量Weight(kg) |
|            |               | PN0.6MPa          |      |      |      |   |    |        |                    |      |              |
| 40         | 1 1/2         | 33                | 130  | 100  | 80   | 3 | 12 | 4-Φ14  | 160                | 140  | 2.5          |
| 50         | 2             | 43                | 140  | 110  | 90   | 3 | 12 | 4-Φ14  | 200                | 145  | 3.5          |
| 65         | 2 1/2         | 46                | 160  | 130  | 110  | 3 | 14 | 4-Φ14  | 250                | 155  | 4.5          |
| 80         | 3             | 46                | 185  | 150  | 125  | 3 | 14 | 4-Φ18  | 250                | 165  | 6            |
| 100        | 4             | 52                | 205  | 170  | 145  | 3 | 14 | 4-Φ18  | 250                | 180  | 7.5          |
| 125        | 5             | 56                | 235  | 200  | 175  | 3 | 14 | 8-Φ18  | 300                | 203  | 11           |
| 150        | 6             | 56                | 260  | 225  | 200  | 3 | 16 | 8-Φ18  | 300                | 225  | 16           |
| 200        | 8             | 60                | 315  | 280  | 255  | 3 | 18 | 8-Φ18  | 200*               | 275  | 48           |
| 250        | 10            | 68                | 370  | 335  | 310  | 3 | 22 | 12-Φ18 | 200*               | 315  | 60           |
| 300        | 12            | 78                | 435  | 395  | 362  | 4 | 22 | 12-Φ23 | 240*               | 348  | 75           |
| 350        | 14            | 78                | 485  | 445  | 412  | 4 | 22 | 12-Φ23 | 240*               | 415  | 82           |
| 400        | 16            | 102               | 535  | 495  | 462  | 4 | 22 | 16-Φ23 | 280*               | 460  | 123          |
| 450        | 18            | 114               | 590  | 550  | 518  | 4 | 24 | 16-Φ23 | 280*               | 500  | 150          |
| 500        | 20            | 127               | 640  | 600  | 568  | 4 | 24 | 16-Φ23 | 320*               | 530  | 180          |
| 600        | 24            | 154               | 755  | 705  | 670  | 5 | 24 | 20-Φ25 | 320*               | 610  | 225          |
| 700        | 28            | 165               | 860  | 810  | 775  | 5 | 26 | 24-Φ25 | 360*               | 675  | 315          |
| 800        | 32            | 190               | 975  | 920  | 880  | 5 | 26 | 24-Φ30 | 360*               | 805  | 385          |
| 900        | 36            | 203               | 1075 | 1020 | 980  | 5 | 28 | 24-Φ30 | 380*               | 995  | 420          |
| 1000       | 40            | 216               | 1175 | 1120 | 1080 | 5 | 30 | 28-Φ30 | 400*               | 1170 | 620          |
| 1200       | 48            | 254               | 1375 | 1320 | 1280 | 5 | 30 | 32-Φ30 | 400*               | 1295 | 788          |

\*法兰尺寸D、D1、D2、Z- Φ d、f、b数值是与蝶阀连接的标准法兰尺寸，简图中尺寸代号仅是其中一部分。  
Flange size D, D1, D2, Z- Φ d, f, b values are connected with a standard butterfly valve flange size, sketch in the size of code is only part of it.

FLUORINE LINED CLAMP BUTTERFLY VALVE (MIDDLE LINE)

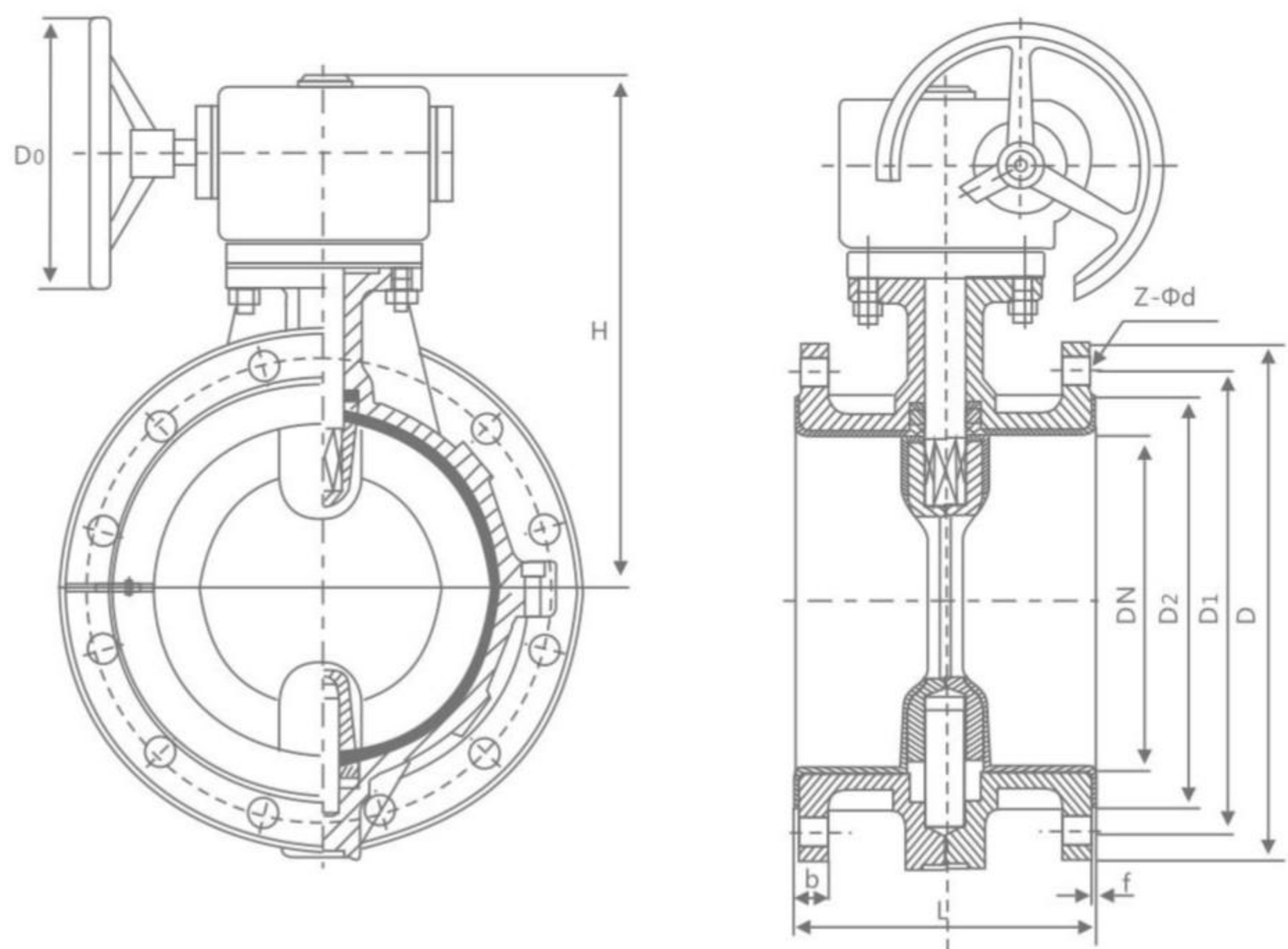
衬氟对夹蝶阀(中线)

主要连接尺寸及重量 Main connection dimensions and weight JB/T82.1

| 公称通径DN   |            | 标准值Standard value |      |      |      |   |    |        | 参考值Reference value |      |          |
|----------|------------|-------------------|------|------|------|---|----|--------|--------------------|------|----------|
| DN (mm)  | NPS (inch) | L                 | D    | D1   | D2   | f | B  | Z-Φd   | D0                 | H    | 重量(kg)   |
|          |            | PN1.0MPa          |      |      |      |   |    |        |                    |      |          |
| 40       | 1 1/2      | 33                | 145  | 110  | 85   | 3 | 18 | 4-Φ18  | 160                | 140  | 3        |
| 50       | 2          | 43                | 160  | 125  | 100  | 3 | 18 | 4-Φ18  | 200                | 145  | 4        |
| 65       | 2 1/2      | 46                | 180  | 145  | 120  | 3 | 20 | 4-Φ18  | 250                | 155  | 6        |
| 80       | 3          | 46                | 195  | 160  | 135  | 3 | 20 | 8-Φ18  | 250                | 165  | 8        |
| 100      | 4          | 52                | 215  | 180  | 155  | 3 | 22 | 8-Φ18  | 250                | 180  | 12       |
| 125      | 5          | 56                | 245  | 210  | 185  | 3 | 24 | 8-Φ18  | 300                | 203  | 18       |
| 150      | 6          | 56                | 280  | 240  | 210  | 3 | 24 | 8-Φ23  | 300                | 225  | 28       |
| 200      | 8          | 60                | 335  | 295  | 265  | 3 | 24 | 8-Φ23  | 200*               | 275  | 56       |
| 250      | 10         | 68                | 390  | 350  | 320  | 3 | 26 | 12-Φ23 | 200*               | 315  | 72       |
| 300      | 12         | 78                | 440  | 400  | 368  | 4 | 28 | 12-Φ23 | 240*               | 348  | 88       |
| 350      | 14         | 78                | 500  | 460  | 428  | 4 | 28 | 16-Φ23 | 240*               | 415  | 120      |
| 400      | 16         | 102               | 565  | 515  | 482  | 4 | 30 | 16-Φ25 | 280*               | 460  | 145      |
| 450      | 18         | 114               | 615  | 565  | 532  | 4 | 30 | 20-Φ25 | 280*               | 500  | 165      |
| 500      | 20         | 127               | 670  | 620  | 585  | 4 | 32 | 20-Φ25 | 320*               | 530  | 195      |
| 600      | 24         | 154               | 780  | 725  | 685  | 5 | 36 | 20-Φ30 | 320*               | 610  | 268      |
| 700      | 28         | 165               | 895  | 840  | 800  | 5 | 40 | 24-Φ30 | 360*               | 675  | 320      |
| 800      | 32         | 190               | 1010 | 950  | 905  | 5 | 44 | 24-Φ34 | 360*               | 805  | 395      |
| 900      | 36         | 203               | 1110 | 1050 | 1005 | 5 | 46 | 28-Φ34 | 380*               | 995  | 450      |
| 1000     | 40         | 216               | 1220 | 1160 | 1115 | 5 | 50 | 28-Φ34 | 400*               | 1170 | 680      |
| 1200     | 48         | 254               | 1450 | 1380 | 1325 | 5 | 56 | 32-Φ41 | 400*               | 1295 | 825      |
| PN1.6MPa |            |                   |      |      |      |   |    |        |                    |      | JB/T79.1 |
| 40       | 1 1/2      | 33                | 145  | 110  | 85   | 3 | 20 | 4-Φ18  | 200                | 145  | 4        |
| 50       | 2          | 43                | 160  | 125  | 100  | 3 | 22 | 4-Φ18  | 250                | 150  | 5        |
| 65       | 2 1/2      | 46                | 180  | 145  | 120  | 3 | 24 | 4-Φ18  | 250                | 160  | 7        |
| 80       | 3          | 46                | 195  | 160  | 135  | 3 | 24 | 8-Φ18  | 250                | 170  | 10       |
| 100      | 4          | 52                | 215  | 180  | 155  | 3 | 26 | 8-Φ18  | 300                | 185  | 14       |
| 125      | 5          | 56                | 245  | 210  | 185  | 3 | 28 | 8-Φ18  | 300                | 210  | 22       |
| 150      | 6          | 56                | 280  | 240  | 210  | 3 | 28 | 8-Φ23  | 200*               | 230  | 32       |
| 200      | 8          | 60                | 335  | 295  | 265  | 3 | 30 | 12-Φ23 | 200*               | 285  | 66       |
| 250      | 10         | 68                | 405  | 355  | 320  | 3 | 32 | 12-Φ25 | 240*               | 325  | 80       |
| 300      | 12         | 78                | 460  | 410  | 375  | 4 | 32 | 12-Φ25 | 240*               | 360  | 94       |
| 350      | 14         | 78                | 520  | 470  | 435  | 4 | 34 | 16-Φ25 | 280*               | 430  | 125      |
| 400      | 16         | 102               | 580  | 525  | 485  | 4 | 38 | 16-Φ30 | 280*               | 475  | 150      |
| 450      | 18         | 114               | 640  | 585  | 545  | 4 | 42 | 20-Φ30 | 320*               | 525  | 172      |
| 500      | 20         | 127               | 705  | 650  | 608  | 4 | 48 | 20-Φ34 | 320*               | 565  | 225      |
| 600      | 24         | 154               | 840  | 770  | 718  | 5 | 50 | 20-Φ41 | 360*               | 620  | 290      |
| 700      | 28         | 165               | 910  | 840  | 788  | 5 | 54 | 24-Φ41 | 360*               | 686  | 330      |
| 800      | 32         | 190               | 1020 | 950  | 898  | 5 | 54 | 24-Φ41 | 380*               | 815  | 425      |
| 900      | 36         | 203               | 1120 | 1050 | 998  | 5 | 54 | 28-Φ41 | 400*               | 1010 | 495      |
| 1000     | 40         | 216               | 1255 | 1170 | 1110 | 5 | 60 | 28-Φ48 | 400*               | 1185 | 710      |

\*法兰尺寸D、D1、D2、Z- Φ d、f、b数值是与蝶阀连接的标准法兰尺寸，简图中尺寸代号仅是其中一部分。  
\*法兰尺寸PN1.0MPa、DN80螺孔数量JB78时Z=4,其它标准时Z=8。  
\* Flange Size D, D1, D2, Z- Φ d, f, b values are connected with the standard flange butterfly valve size, sketch in the size of code is only part of it.  
\* Flange Size PN1.0MPa, DN80 screw when the number of JB78 Z = 4, other standards, Z = 8.

FLANGED FLANGED BUTTERFLY VALVE (MIDDLE LINE) 衬氟法兰蝶阀(中线)



DA341F46型法兰连接蜗轮传动蝶阀（中线）  
DA341F46 Worm drive flanged butterfly valve (middle)

法兰连接蝶阀（中线） Flanged butterfly valve (middle)

※设计与制造符合中国国家标准  
※基本结构形式（蝶板轴与阀体/阀座中心重合）  
a.DA71F46全衬里型  
阀体全衬里/蝶板全衬层/蝶板与蝶板轴合为一体  
b.DA71F4全衬里型  
阀体全衬里/蝶板全衬层/蝶板与蝶板轴组合装配  
c. DA71F/P半衬里型  
阀体全衬里/蝶板为不锈钢（不衬）/蝶板与蝶板轴组合装配

※Design and manufacture comply with national standards of China  
※basic structure of the form (the disc axis and the valve / seat centers coincide)  
a.DA71F46 full lining type  
Full body lining / disc full lining / disc with the disc axis into one  
b.DA71F4 full lining type  
The whole body lining / disc full lining / disc and disc shaft and assembled  
c. DA71F / P-type semi-lining  
The whole body lining / disc of stainless steel (not lined) / disc and disc shaft and assembled

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| 遵循规范<br>Follow the standard     | STANDARD                                         |
| 设计与制造<br>Design and manufacture | GB 12238(中线Midline )                             |
| 结构长度<br>Structure Length        | GB 12221(短系列Short Series)                        |
| 法兰尺寸Flange size                 | JB79/JB82<br>(或按合同要求Or by contract requirements) |
| 压力试验Pressure test               | GB/T 13927                                       |
| 标志 Mark                         | GB 12220                                         |
| 供货 Availability                 | GB/T 12252                                       |

基本型号 Basic model

公称压力PN0.6 ~ 1.6MPa 公称通径DN40 ~ 1200mm  
Nominal pressure PN0.6 ~ 1.6MPa Nominal diameter DN40 ~ 1200mm

|                 |                          |                    |                          |
|-----------------|--------------------------|--------------------|--------------------------|
| 手动<br>Hand      | DA71F/P(半衬Half lining)   | 蜗轮传动<br>Worm drive | DA371F/P(半衬Half lining)  |
|                 | DA71F3(全衬里Full lining)   |                    | DA371F3(全衬里Full lining)  |
|                 | DA71F46(全衬里Full lining)  |                    | DA371F46(全衬里Full lining) |
| 气动<br>Pneumatic | DA671F/P(半衬Half lining)  | 电动<br>Electrically | DA971F/P(半衬Half lining)  |
|                 | DA671F3(全衬里Full lining)  |                    | DA971F3(全衬里Full lining)  |
|                 | DA671F46(全衬里Full lining) |                    | DA971F46(全衬里Full lining) |

主要零部件材料表 Material form the main components

| 序号<br>NO. | 零件名称<br>Part Name               | 灰铸铁<br>Grey cast iron                                      | 碳钢<br>Carbon steel | 不锈钢Stainless steel |                          | 超低碳不锈钢Low carbon stainless steel |               |
|-----------|---------------------------------|------------------------------------------------------------|--------------------|--------------------|--------------------------|----------------------------------|---------------|
|           |                                 | Z                                                          | C                  | P                  | R                        | PL                               | RL            |
| 1         | 上、下阀体<br>Upper and lower body   | HT250                                                      | WCB                | CF8                | CF8M                     | CF3                              | CF3M          |
| 2         | 蝶板轴<br>Butterfly Plates         | 1Cr13                                                      | 2Cr13              | 1Cr18Ni9Ti         | 1Cr18Ni12Mo2Ti           | 00Cr18Ni10                       | 00Cr18Ni14Mo2 |
| 3         | 衬里层/阀座<br>Lining layer / seat   | PTFE(F4) PCTFE(F3) FEP(F46) PFA(可溶F4) Po ( 聚烯烃Polyolefin ) |                    |                    |                          |                                  |               |
| 4         | 蝶板/填料压盖<br>Disc / packing gland | WCB                                                        | WCB                | CF8                | CF8M                     | CF3                              | CF3M          |
| 5         | 支架Support                       | WCB ( 碳钢Carbon steel )                                     |                    |                    | CF8(不锈钢Stainless steel ) |                                  |               |
| 6         | 填料Filler                        | PTFE(F4)                                                   |                    |                    |                          |                                  |               |
| 7         | 螺栓Bolt                          | 35                                                         | 35                 | 1Cr17Ni2           | 1Cr17Ni2                 | 0Cr18Ni9                         | 0Cr18Ni12Mo2  |
| 8         | 螺母Nut                           | 25                                                         | 25                 | 0Cr18Ni9           | 0Cr18Ni9                 | 0Cr18Ni9                         | 0Cr18Ni12Mo2  |

# FLANGED FLANGED BUTTERFLY VALVE (MIDDLE LINE)

## 衬氟法兰蝶阀(中线)

主要连接尺寸及重量 Main connection dimensions and weight JB/T82.1

| 公称通径DN     |               | 标准值Standard value |      |      |      |   |    |        | 参考值Reference value |      |              |
|------------|---------------|-------------------|------|------|------|---|----|--------|--------------------|------|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D    | D1   | D2   | f | b  | Z-Φd   | D0                 | H    | 重量Weight(kg) |
|            |               | PN0.6MPa          |      |      |      |   |    |        |                    |      |              |
| 40         | 1 1/2         | 106               | 130  | 100  | 80   | 3 | 12 | 4-Φ14  | 160                | 140  | 10           |
| 50         | 2             | 108               | 140  | 110  | 90   | 3 | 12 | 4-Φ14  | 200                | 160  | 12           |
| 65         | 2 1/2         | 112               | 160  | 130  | 110  | 3 | 14 | 4-Φ14  | 250                | 160  | 13           |
| 80         | 3             | 114               | 185  | 150  | 125  | 3 | 14 | 4-Φ18  | 250                | 170  | 14           |
| 100        | 4             | 127               | 205  | 170  | 145  | 3 | 14 | 4-Φ18  | 250                | 180  | 16           |
| 125        | 5             | 140               | 235  | 200  | 175  | 3 | 14 | 8-Φ18  | 300                | 275  | 18           |
| 150        | 6             | 140               | 260  | 225  | 200  | 3 | 16 | 8-Φ18  | 300                | 295  | 38           |
| 200        | 8             | 152               | 315  | 280  | 255  | 3 | 18 | 8-Φ18  | 200*               | 320  | 74           |
| 250        | 10            | 250               | 370  | 335  | 310  | 3 | 22 | 12-Φ18 | 200*               | 385  | 105          |
| 300        | 12            | 270               | 435  | 395  | 362  | 4 | 22 | 12-Φ23 | 240*               | 390  | 142          |
| 350        | 14            | 290               | 485  | 445  | 412  | 4 | 22 | 12-Φ23 | 240*               | 460  | 179          |
| 400        | 16            | 310               | 535  | 495  | 462  | 4 | 22 | 16-Φ23 | 280*               | 510  | 220          |
| 450        | 18            | 330               | 590  | 550  | 518  | 4 | 24 | 16-Φ23 | 280*               | 540  | 268          |
| 500        | 20            | 350               | 640  | 600  | 568  | 4 | 24 | 16-Φ23 | 320*               | 570  | 378          |
| 600        | 24            | 390               | 755  | 705  | 670  | 5 | 24 | 20-Φ25 | 320*               | 660  | 608          |
| 700        | 28            | 430               | 860  | 810  | 775  | 5 | 26 | 24-Φ25 | 360*               | 710  | 1050         |
| 800        | 32            | 470               | 975  | 920  | 880  | 5 | 26 | 24-Φ30 | 360*               | 780  | 1320         |
| 900        | 36            | 510               | 1075 | 1020 | 980  | 5 | 28 | 24-Φ30 | 380*               | 885  | 1795         |
| 1000       | 40            | 550               | 1175 | 1120 | 1080 | 5 | 30 | 28-Φ30 | 400*               | 990  | 1900         |
| 1200       | 48            | 630               | 1375 | 1320 | 1280 | 5 | 30 | 32-Φ30 | 400*               | 1170 | 2110         |
| PN1.0MPa   |               |                   |      |      |      |   |    |        |                    |      |              |
| 40         | 1 1/2         | 106               | 145  | 110  | 85   | 3 | 18 | 4-Φ18  | 160                | 140  | 10           |
| 50         | 2             | 108               | 160  | 125  | 100  | 3 | 18 | 4-Φ18  | 200                | 160  | 12           |
| 65         | 2 1/2         | 112               | 180  | 145  | 120  | 3 | 20 | 4-Φ18  | 250                | 165  | 13           |
| 80         | 3             | 114               | 195  | 160  | 135  | 3 | 20 | 8-Φ18  | 250                | 170  | 14           |
| 100        | 4             | 127               | 215  | 180  | 155  | 3 | 22 | 8-Φ18  | 250                | 180  | 16           |
| 125        | 5             | 140               | 245  | 210  | 185  | 3 | 24 | 8-Φ18  | 300                | 275  | 18           |
| 150        | 6             | 140               | 280  | 240  | 210  | 3 | 24 | 8-Φ23  | 300                | 295  | 38           |
| 200        | 8             | 152               | 335  | 295  | 265  | 3 | 24 | 8-Φ23  | 200*               | 320  | 74           |
| 250        | 10            | 250               | 390  | 350  | 320  | 3 | 26 | 12-Φ23 | 200*               | 385  | 105          |
| 300        | 12            | 270               | 440  | 400  | 368  | 4 | 28 | 12-Φ23 | 240*               | 390  | 142          |
| 350        | 14            | 290               | 500  | 460  | 428  | 4 | 28 | 16-Φ23 | 240*               | 460  | 179          |
| 400        | 16            | 310               | 565  | 515  | 482  | 4 | 30 | 16-Φ25 | 280*               | 510  | 220          |
| 450        | 18            | 330               | 615  | 565  | 532  | 4 | 30 | 20-Φ25 | 280*               | 540  | 268          |
| 500        | 20            | 350               | 670  | 620  | 585  | 4 | 32 | 20-Φ25 | 320*               | 570  | 378          |
| 600        | 24            | 390               | 780  | 725  | 685  | 5 | 36 | 20-Φ30 | 320*               | 660  | 608          |
| 700        | 28            | 430               | 895  | 840  | 800  | 5 | 40 | 24-Φ30 | 360*               | 710  | 1050         |
| 800        | 32            | 470               | 1010 | 950  | 905  | 5 | 44 | 24-Φ34 | 360*               | 780  | 1320         |
| 900        | 36            | 510               | 1110 | 1050 | 1005 | 5 | 46 | 28-Φ34 | 380*               | 885  | 1795         |
| 1000       | 40            | 550               | 1220 | 1160 | 1115 | 5 | 50 | 28-Φ34 | 400*               | 990  | 1900         |
| 1200       | 48            | 630               | 1450 | 1380 | 1325 | 5 | 56 | 32-Φ41 | 400*               | 1200 | 2150         |

法兰尺寸PN1.0MPa、DN80螺孔数量JB78时Z=4,其它标准时Z=8。  
Flange size PN1.0MPa, DN80 screw when the number of JB78 Z = 4, other standards, Z = 8.

FLANGED FLANGED  
BUTTERFLY VALVE (MIDDLE LINE)  
衬氟法兰蝶阀(中线)

主要连接尺寸及重量 Main connection dimensions and weight

JB/T79.1

| 公称通径DN     |               | 标准值Standard value |      |      |      |   |    |        | 参考值Reference value |     |              |
|------------|---------------|-------------------|------|------|------|---|----|--------|--------------------|-----|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D    | D1   | D2   | f | b  | Z-Φd   | D0                 | H   | 重量Weight(kg) |
|            |               | PN1.6MPa          |      |      |      |   |    |        |                    |     |              |
| 40         | 1 1/2         | 106               | 145  | 110  | 85   | 3 | 16 | 4-Φ18  | 160                | 140 | 10           |
| 50         | 2             | 108               | 160  | 125  | 100  | 3 | 16 | 4-Φ18  | 200                | 160 | 12           |
| 65         | 2 1/2         | 112               | 180  | 145  | 120  | 3 | 18 | 4-Φ18  | 250                | 160 | 13           |
| 80         | 3             | 114               | 195  | 160  | 135  | 3 | 20 | 8-Φ18  | 260                | 170 | 14           |
| 100        | 4             | 127               | 215  | 180  | 155  | 3 | 20 | 8-Φ18  | 300                | 180 | 16           |
| 125        | 5             | 140               | 245  | 210  | 185  | 3 | 22 | 8-Φ18  | 300                | 275 | 18           |
| 150        | 6             | 140               | 280  | 240  | 210  | 3 | 24 | 8-Φ23  | 200*               | 295 | 42           |
| 200        | 8             | 152               | 335  | 295  | 265  | 3 | 26 | 12-Φ23 | 200*               | 320 | 78           |
| 250        | 10            | 250               | 405  | 355  | 320  | 3 | 30 | 12-Φ25 | 240*               | 385 | 120          |
| 300        | 12            | 270               | 460  | 410  | 375  | 4 | 30 | 12-Φ25 | 240*               | 390 | 145          |
| 350        | 14            | 290               | 520  | 470  | 435  | 4 | 34 | 16-Φ25 | 240*               | 460 | 202          |
| 400        | 16            | 310               | 580  | 525  | 485  | 4 | 36 | 16-Φ30 | 280*               | 510 | 235          |
| 450        | 18            | 330               | 640  | 585  | 545  | 4 | 40 | 20-Φ30 | 280*               | 540 | 368          |
| 500        | 20            | 350               | 705  | 650  | 608  | 4 | 44 | 20-Φ34 | 320*               | 570 | 420          |
| 600        | 24            | 390               | 840  | 770  | 718  | 5 | 48 | 20-Φ41 | 320*               | 660 | 750          |
| 700        | 28            | 430               | 910  | 840  | 788  | 5 | 50 | 24-Φ41 | 360*               | 710 | 1028         |
| 800        | 32            | 470               | 1020 | 950  | 898  | 5 | 52 | 24-Φ41 | 380*               | 780 | 1690         |
| 900        | 36            | 510               | 1120 | 1050 | 998  | 5 | 54 | 28-Φ41 | 400*               | 885 | 1815         |
| 1000       | 40            | 550               | 1255 | 1170 | 1110 | 5 | 56 | 28-Φ48 | 500*               | 990 | 2050         |

JB/T79.1

| 公称通径DN     |               | 标准值Standard value |     |     |     |   |    |        | 参考值Reference value |     |              |
|------------|---------------|-------------------|-----|-----|-----|---|----|--------|--------------------|-----|--------------|
| DN<br>(mm) | NPS<br>(inch) | L                 | D   | D1  | D2  | f | B  | Z-Φd   | D0                 | H   | 重量Weight(kg) |
|            |               | PN2.5MPa          |     |     |     |   |    |        |                    |     |              |
| 40         | 1 1/2         | 106               | 145 | 110 | 85  | 3 | 18 | 4-Φ18  | 200                | 140 | 11           |
| 50         | 2             | 108               | 160 | 125 | 100 | 3 | 20 | 4-Φ18  | 200                | 160 | 13           |
| 65         | 2 1/2         | 112               | 180 | 145 | 120 | 3 | 22 | 8-Φ18  | 250                | 160 | 14           |
| 80         | 3             | 114               | 195 | 160 | 135 | 3 | 22 | 8-Φ18  | 250                | 170 | 16           |
| 100        | 4             | 127               | 230 | 190 | 160 | 3 | 24 | 8-Φ23  | 300                | 180 | 18           |
| 125        | 5             | 140               | 270 | 220 | 188 | 3 | 28 | 8-Φ25  | 300                | 275 | 20           |
| 150        | 6             | 140               | 300 | 250 | 218 | 3 | 30 | 8-Φ25  | 240*               | 295 | 48           |
| 200        | 8             | 152               | 360 | 310 | 278 | 3 | 34 | 12-Φ25 | 240*               | 320 | 88           |
| 250        | 10            | 250               | 425 | 370 | 332 | 3 | 36 | 12-Φ30 | 280*               | 385 | 145          |
| 300        | 12            | 270               | 485 | 430 | 390 | 4 | 40 | 16-Φ30 | 280*               | 390 | 157          |
| 350        | 14            | 290               | 550 | 490 | 448 | 4 | 44 | 16-Φ34 | 320*               | 460 | 222          |
| 400        | 16            | 310               | 610 | 550 | 505 | 4 | 48 | 16-Φ34 | 320*               | 510 | 353          |
| 450        | 18            | 330               | 660 | 600 | 555 | 4 | 50 | 20-Φ34 | 360*               | 540 | 405          |
| 500        | 20            | 350               | 730 | 660 | 610 | 4 | 52 | 20-Φ41 | 360*               | 570 | 448          |
| 600        | 24            | 390               | 840 | 770 | 718 | 5 | 56 | 20-Φ41 | 380*               | 660 | 795          |