

# GB GLOBE VALVE

## 国标截止阀

### 结构优势与特点Structural advantages and characteristics

- 1、产品设计制造按国家标准GB 12235,结构合理，密封可靠，性能优良，造型美观。

2、阀瓣、阀座密封面用铁基合金堆焊或司太立（stellite）钴基硬质合金堆焊而成，耐磨、耐高温、耐腐蚀、抗擦伤性能好、使用寿命长。

3、阀杆经调质及表面氮化处理，有良好的抗腐蚀性和抗擦伤性。

4、可采用各种配管法兰标准及法兰密封面型式，满足各种工程需要和用户要求。

5、阀体材料品种齐全，填料、垫片可根据实际工况或用户要求合理选配，能适用与各种压力、温度及介质工况。

6、倒密封采用螺纹连接密封座或本体堆焊不锈钢而成，密封可靠，填料更换可在不停机情况下进行方便快捷不影响系统运行。
- 1、 The product designed and manufactured according to national standard GB 12235, reasonable structure, reliable sealing, excellent performance and beautiful shape.

2、 Flap valve, the valve seat sealing surface of iron based alloy or stellite (stellite) made of cobalt-based alloy welding, wear-resistant, high temperature, corrosion, anti-abrasion performance, long life .

3、 Stem quenched and the nitrogen treatment, with good resistance to corrosion and scratch resistance.

4、 Can be used with a variety of standard pipe flanges and flange sealing surface types to meet various project needs and user requirements.

5、 Body material variety, packing, gasket can be based on actual working conditions or the user requests a reasonable option, can be applied with all kinds of pressure, temperature and medium conditions.

6、 Sealed with screw connection seal back seat or body made of stainless steel welding, sealing and reliable replacement of filling in non-stop convenient and efficient manner does not affect system operation.

### 标准与规范Standards and norms

| 设计与制造<br>Design and Manufacture | 结构长度<br>Structure Length | 压力、温度等级<br>Pressure、<br>temperature rating | 连接法兰<br>Connecting flange                    | 检验与试验<br>Test and Inspection |
|---------------------------------|--------------------------|--------------------------------------------|----------------------------------------------|------------------------------|
| GB 12235                        | GB 12221                 | GB 12224                                   | JB/T 79/82~1994<br>GB 9113<br>HG 20592-20635 | JB/T 9092-1999<br>GB 13927   |

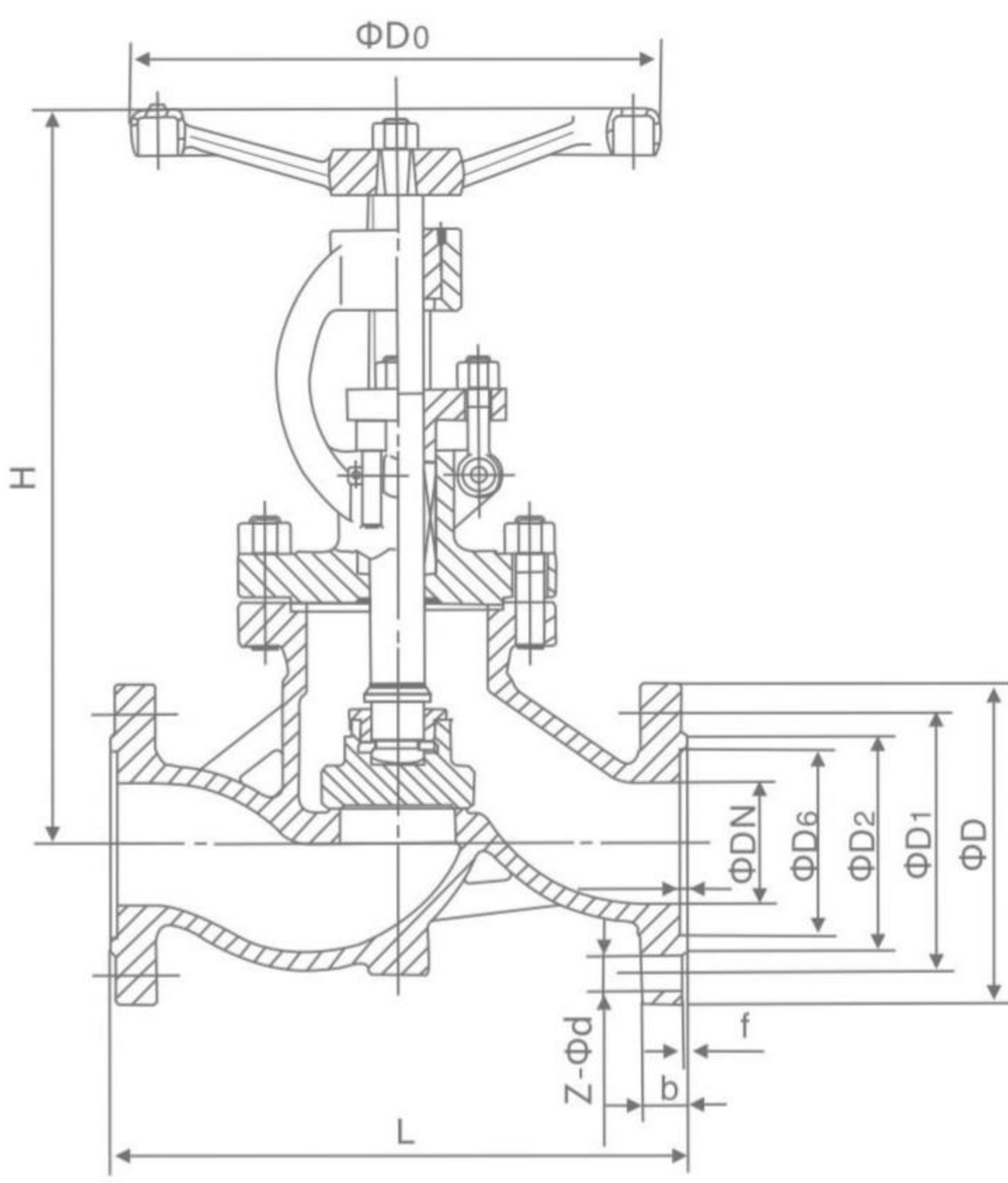
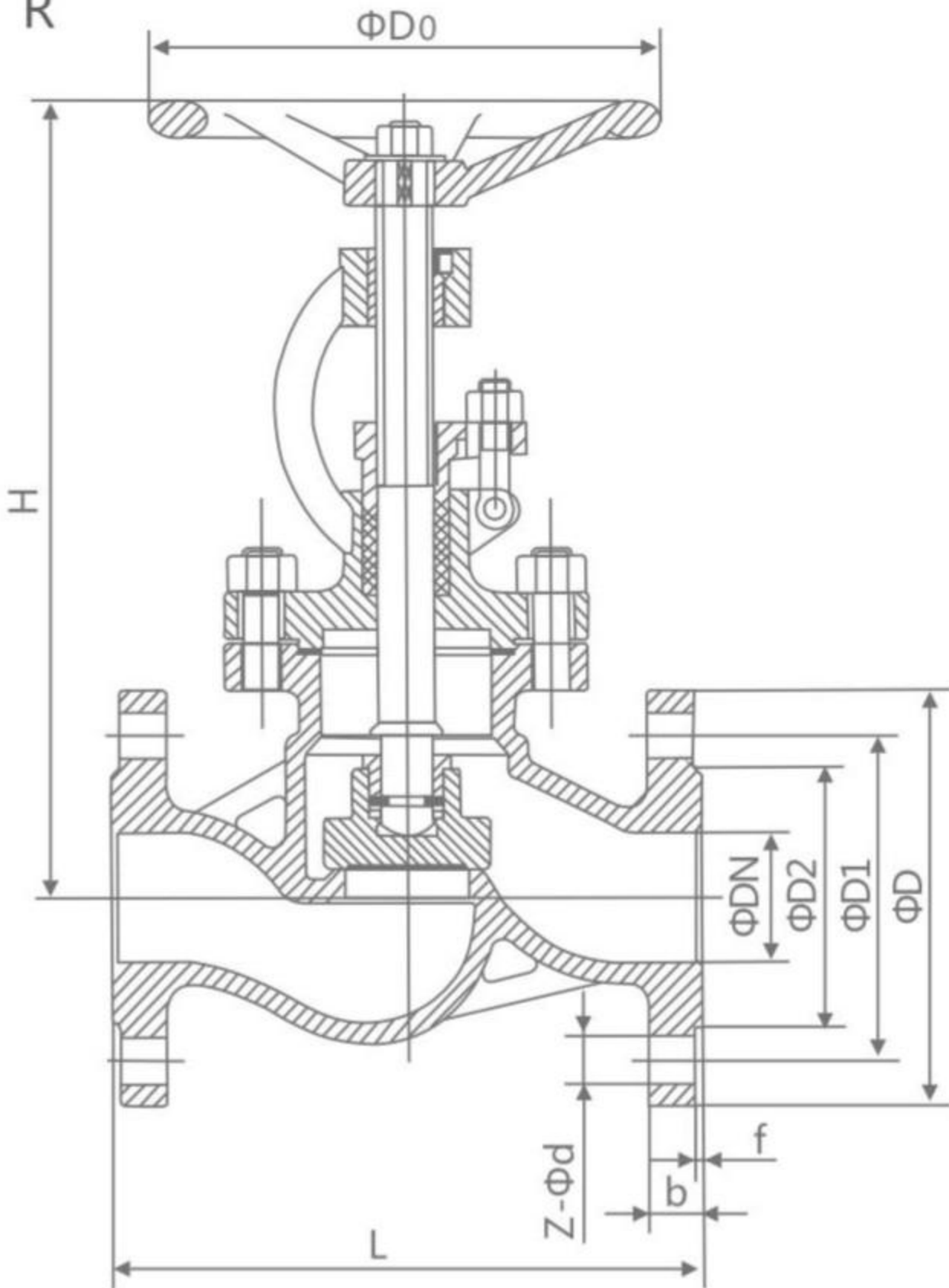
### 主要零件材料Main components material

| 名称 Name           | 材料 Material          |       |      |       |               |      |      |      |      |
|-------------------|----------------------|-------|------|-------|---------------|------|------|------|------|
| 阀体/阀盖 Body/Bonnet | CF8                  | CF3   | CF8M | CF3M  | WCB           | LCB  | WC6  | WC9  | C5   |
| 阀瓣 Wedge          | CF8                  | CF3   | CF8M | CF3M  | WCB           | LCB  | WC6  | WC9  | C5   |
| 阀杆 Stem           | F304                 | F304L | F316 | F316L | 2CR13         | F304 | F304 | F304 | F304 |
| 阀杆螺母 Stem Nut     | 铝青铜 Aluminium Bronze |       |      |       |               |      |      |      |      |
| 填料 Packing        | PTFE/柔性石墨            |       |      |       | 石墨 Graphite   |      |      |      |      |
| 垫片 Gasket         | PTFE/金属缠绕垫           |       |      |       | 石墨 Graphite   |      |      |      |      |
| 压盖 Gland          | CF8                  | CF3   | CF8M | CF3M  | WCB           | LCB  | WC6  | WC9  | C5   |
| 螺栓 Bolt           |                      |       |      |       | 35CrMoA       |      |      |      |      |
| 螺母 Nut            | 不锈钢 Stainless Steel  |       |      |       | 45、35CrMoA    |      |      |      |      |
| 手轮 Handwheel      | 不锈钢 Stainless Steel  |       |      |       | 铸钢 Cast Steel |      |      |      |      |



GB GLOBE VALVE  
国标截止阀

J41  $\frac{W}{Y} - \frac{1.6}{2.5}$  C、I、P、R



JB/T79.1-1994

JB/T79.2-1994

主要外形尺寸及连接尺寸 Main external and connection dimension

| 公称压力<br>PN(MPa) | 公称通径<br>DN(mm) | 尺寸Size(mm) |     |     |     |    |      |    |       |      |      | 重量<br>Weight<br>(Kg) |
|-----------------|----------------|------------|-----|-----|-----|----|------|----|-------|------|------|----------------------|
|                 |                | L          | D   | D1  | D2  | D6 | b-f  | f2 | Z-φd  | H    | D0   |                      |
| 1.6             | 10             | 130        | 90  | 60  | 40  | /  | 14-2 | /  | 4-14  | 198  | 120  | 4.7                  |
|                 | 15             | 130        | 95  | 65  | 45  | /  | 14-2 | /  | 4-14  | 218  | 120  | 5.2                  |
|                 | 20             | 150        | 105 | 75  | 55  | /  | 14-2 | /  | 4-14  | 230  | 140  | 7.1                  |
|                 | 25             | 160        | 115 | 85  | 65  | /  | 14-2 | /  | 4-14  | 240  | 160  | 7.4                  |
|                 | 32             | 180        | 135 | 100 | 78  | /  | 16-2 | /  | 4-18  | 250  | 180  | 8.5                  |
|                 | 40             | 200        | 145 | 110 | 85  | /  | 16-3 | /  | 4-18  | 262  | 200  | 12.5                 |
|                 | 50             | 230        | 160 | 125 | 100 | /  | 16-3 | /  | 4-18  | 280  | 240  | 19.2                 |
|                 | 65             | 290        | 180 | 145 | 120 | /  | 18-3 | /  | 4-18  | 327  | 280  | 26.5                 |
|                 | 80             | 310        | 195 | 160 | 135 | /  | 20-3 | /  | 8-18  | 355  | 280  | 29                   |
|                 | 100            | 350        | 215 | 180 | 155 | /  | 20-3 | /  | 8-18  | 415  | 320  | 41                   |
|                 | 125            | 400        | 245 | 210 | 185 | /  | 22-3 | /  | 8-18  | 460  | 360  | 57                   |
|                 | 150            | 480        | 280 | 240 | 210 | /  | 24-3 | /  | 8-23  | 510  | 400  | 86.5                 |
|                 | 200            | 600        | 335 | 295 | 265 | /  | 26-3 | /  | 12-23 | 588  | 400  | 140                  |
|                 | 250            | 650        | 405 | 355 | 320 | /  | 30-3 | /  | 12-25 | 725  | 450  | 220                  |
|                 | 300            | 750        | 460 | 410 | 375 | /  | 30-4 | /  | 12-25 | 925  | 500  | 325                  |
|                 | 350            | 850        | 520 | 470 | 435 | /  | 34-4 | /  | 16-25 | 1030 | 600  | 590                  |
|                 | 400            | 950        | 580 | 525 | 485 | /  | 36-4 | /  | 16-30 | 1170 | 700  | 750                  |
|                 | 450            | 1050       | 640 | 585 | 545 | /  | 40-4 | /  | 20-30 | 1220 | 800  | 89                   |
|                 | 500            | 1150       | 705 | 650 | 608 | /  | 44-4 | /  | 20-34 | 1410 | 900  | 1225                 |
|                 | 600            | 1350       | 840 | 770 | 718 | /  | 48-5 | /  | 20-41 | 1610 | 1000 | 2200                 |



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## 国标截止阀

主要外形尺寸及连接尺寸 Main external and connection dimension

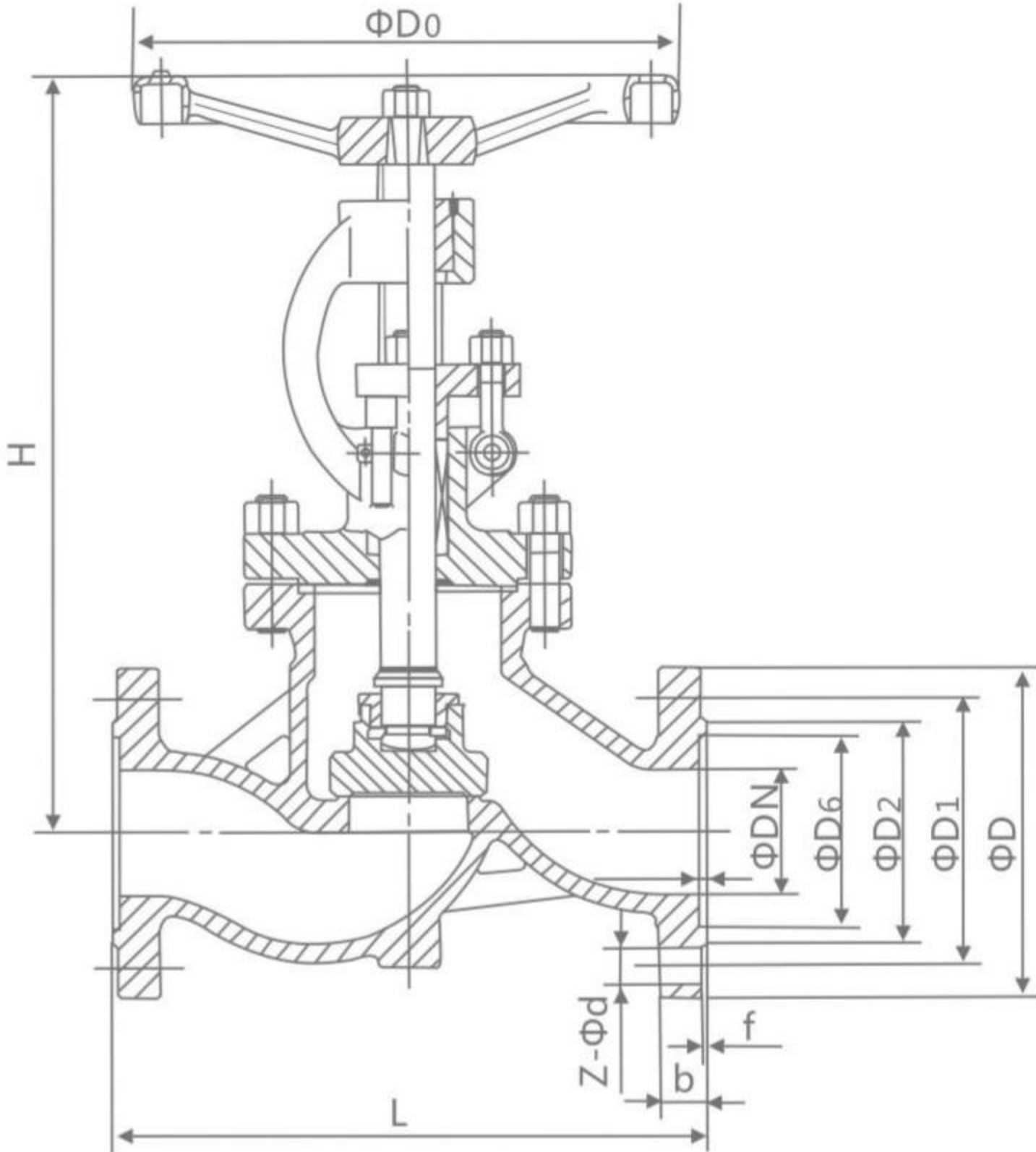
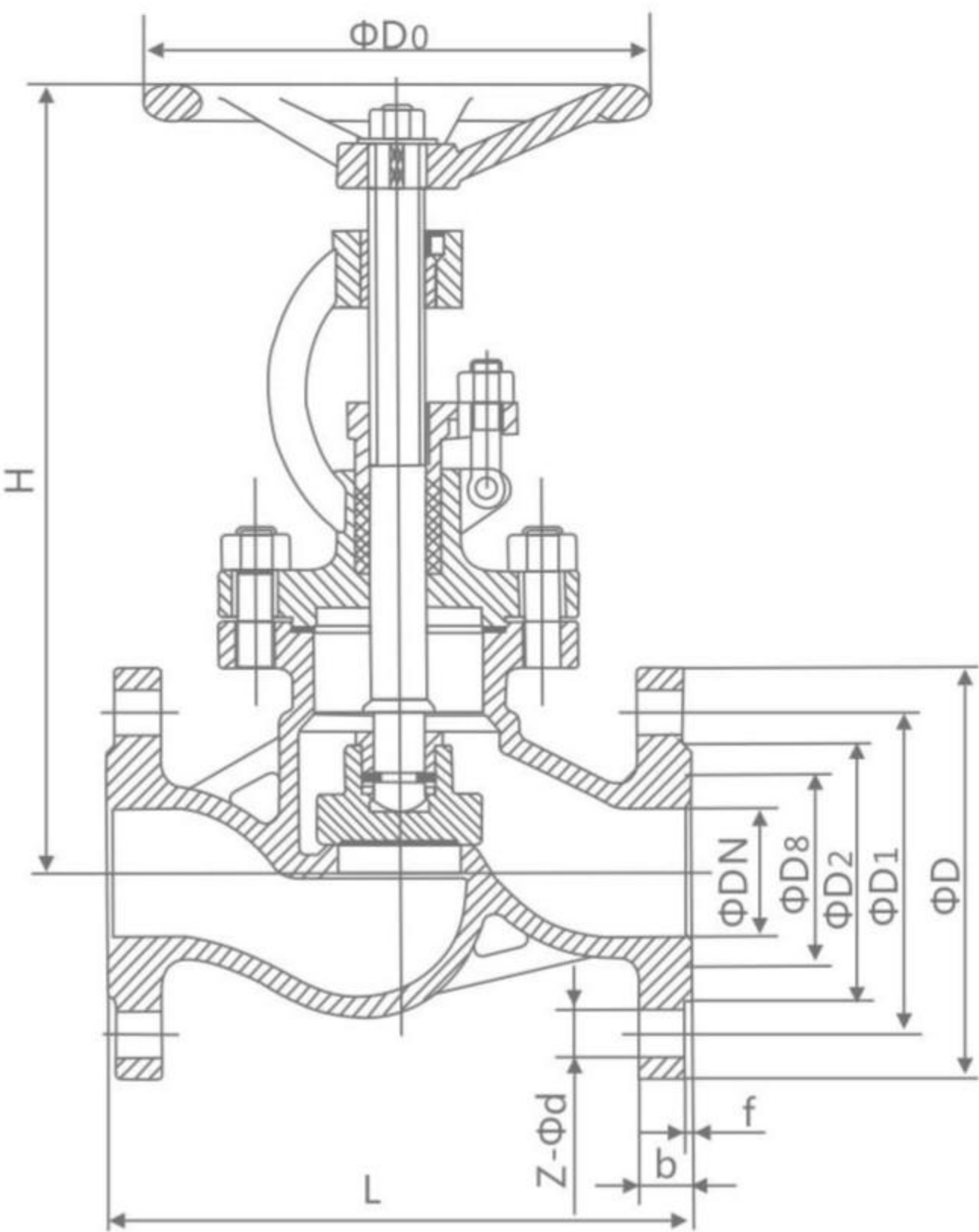
| 公称压力<br>PN(MPa) | 公称通径<br>DN(mm) | 尺寸Size(mm) |     |     |     |     |      |     |       |      |      | 重量<br>Weight<br>(Kg) |
|-----------------|----------------|------------|-----|-----|-----|-----|------|-----|-------|------|------|----------------------|
|                 |                | L          | D   | D1  | D2  | D6  | b-f  | f2  | Z-Φd  | H    | D0   |                      |
| 2.5             | 10             | 130        | 90  | 60  | 40  | /   | 16-2 | /   | 4-14  | 198  | 120  | 4.9                  |
|                 | 15             | 130        | 95  | 65  | 45  | /   | 16-2 | /   | 4-14  | 218  | 120  | 5.4                  |
|                 | 20             | 150        | 105 | 75  | 55  | /   | 16-2 | /   | 4-14  | 258  | 140  | 7                    |
|                 | 25             | 160        | 115 | 85  | 65  | /   | 16-2 | /   | 4-14  | 275  | 160  | 7.4                  |
|                 | 32             | 180        | 135 | 100 | 78  | /   | 18-2 | /   | 4-18  | 280  | 180  | 8.5                  |
|                 | 40             | 200        | 145 | 110 | 85  | /   | 18-3 | /   | 4-18  | 330  | 200  | 12.5                 |
|                 | 50             | 230        | 160 | 120 | 100 | /   | 20-3 | /   | 4-18  | 350  | 240  | 20                   |
|                 | 65             | 290        | 180 | 145 | 120 | /   | 22-3 | /   | 8-18  | 400  | 280  | 29                   |
|                 | 80             | 310        | 195 | 160 | 135 | /   | 22-3 | /   | 8-18  | 355  | 280  | 32                   |
|                 | 100            | 350        | 230 | 190 | 160 | /   | 24-3 | /   | 8-23  | 415  | 320  | 45                   |
|                 | 125            | 400        | 270 | 220 | 188 | /   | 28-3 | /   | 8-25  | 460  | 360  | 63                   |
|                 | 150            | 480        | 300 | 250 | 218 | /   | 30-3 | /   | 8-25  | 510  | 400  | 90                   |
|                 | 200            | 600        | 360 | 310 | 278 | /   | 34-3 | /   | 12-25 | 710  | 400  | 160                  |
|                 | 250            | 650        | 425 | 370 | 332 | /   | 36-3 | /   | 12-30 | 786  | 450  | 240                  |
|                 | 300            | 750        | 485 | 430 | 390 | /   | 40-4 | /   | 16-30 | 925  | 500  | 390                  |
|                 | 350            | 850        | 550 | 490 | 448 | /   | 44-4 | /   | 16-34 | 1030 | 600  | 650                  |
|                 | 400            | 950        | 610 | 550 | 505 | /   | 48-4 | /   | 16-41 | 1170 | 700  | 820                  |
|                 | 450            | 1050       | 660 | 600 | 555 | /   | 50-4 | /   | 20-34 | 1220 | 800  | 960                  |
|                 | 500            | 1150       | 730 | 660 | 610 | /   | 52-4 | /   | 20-41 | 1450 | 900  | 1310                 |
|                 | 600            | 1350       | 840 | 770 | 718 | /   | 56-5 | /   | 20-41 | 1810 | 1000 | 2420                 |
| 4.0             | 10             | 130        | 90  | 60  | 40  | 35  | 16-2 | 4   | 4-14  | 198  | 120  | 4.9                  |
|                 | 15             | 130        | 95  | 65  | 45  | 40  | 16-2 | 4   | 4-14  | 233  | 120  | 5.7                  |
|                 | 20             | 150        | 105 | 75  | 55  | 51  | 16-2 | 4   | 4-14  | 275  | 140  | 7                    |
|                 | 25             | 160        | 115 | 85  | 65  | 58  | 16-2 | 4   | 4-14  | 285  | 160  | 8.8                  |
|                 | 32             | 180        | 135 | 100 | 78  | 66  | 18-2 | 4   | 4-18  | 302  | 180  | 11.8                 |
|                 | 40             | 200        | 145 | 110 | 85  | 76  | 18-3 | 4   | 4-18  | 355  | 200  | 16.5                 |
|                 | 50             | 230        | 160 | 125 | 100 | 88  | 20-3 | 4   | 4-18  | 373  | 240  | 24                   |
|                 | 65             | 290        | 180 | 145 | 120 | 110 | 22-3 | 4   | 8-18  | 408  | 280  | 33                   |
|                 | 80             | 310        | 195 | 160 | 135 | 121 | 22-3 | 4   | 8-18  | 436  | 320  | 44                   |
|                 | 100            | 350        | 230 | 190 | 160 | 150 | 24-3 | 4.5 | 8-23  | 480  | 360  | 60                   |
|                 | 125            | 400        | 270 | 220 | 188 | 176 | 28-3 | 4.5 | 8-25  | 558  | 400  | 89                   |
|                 | 150            | 480        | 300 | 250 | 218 | 204 | 30-3 | 4.5 | 8-25  | 611  | 400  | 98                   |
|                 | 200            | 600        | 375 | 320 | 282 | 260 | 38-3 | 4.5 | 12-30 | 720  | 400  | 190                  |
|                 | 250            | 650        | 445 | 385 | 345 | 313 | 42-3 | 4.5 | 12-34 | 665  | 500  | 265                  |
|                 | 300            | 750        | 510 | 450 | 408 | 364 | 46-4 | 4.5 | 16-34 | 720  | 550  | 430                  |
|                 | 350            | 850        | 570 | 510 | 465 | 422 | 52-4 | 5   | 16-34 | 860  | 600  | 715                  |
|                 | 400            | 950        | 655 | 585 | 535 | 474 | 58-4 | 5   | 16-41 | 1010 | 700  | 900                  |
|                 | 450            | 1050       | 680 | 610 | 560 | 524 | 60-4 | 5   | 20-41 | 1190 | 800  | 1440                 |
|                 | 500            | 1150       | 755 | 670 | 612 | 576 | 62-4 | 5   | 20-48 | 1260 | 900  | 2660                 |

注：电动或齿轮传动，价格另计。 Note: Electric or gear drive, the price extra.



GB GLOBE VALVE  
国标截止阀

J41 W  
Y H - 6.3  
Y 10.0 C、I、P、R  
16.0



主要外形尺寸及连接尺寸 Main external and connection dimension

JB/T79.4-1994  
JB/T79.2-1994

| 公称压力<br>PN(MPa) | 公称通径<br>DN(mm) | 尺寸Size(mm) |     |     |     |     |     |      |     |       |      |     | 重量<br>Weight(Kg) |
|-----------------|----------------|------------|-----|-----|-----|-----|-----|------|-----|-------|------|-----|------------------|
|                 |                | L          | D   | D1  | D2  | D6  | D8  | b-f  | f2  | Z-Φd  | H    | D0  |                  |
| 6.3             | 10             | 170        | 100 | 70  | 50  | 35  | /   | 18-2 | 4   | 4-14  | 198  | 120 | 5.7              |
|                 | 15             | 170        | 105 | 75  | 55  | 40  | /   | 18-2 | 4   | 4-14  | 195  | 140 | 10               |
|                 | 20             | 190        | 125 | 90  | 68  | 51  | /   | 20-2 | 4   | 4-18  | 228  | 160 | 13               |
|                 | 25             | 210        | 135 | 100 | 78  | 58  | /   | 22-2 | 4   | 4-18  | 275  | 180 | 14.5             |
|                 | 32             | 230        | 150 | 110 | 82  | 66  | /   | 24-2 | 4   | 4-23  | 325  | 200 | 19               |
|                 | 40             | 260        | 165 | 125 | 95  | 76  | /   | 24-3 | 4   | 4-23  | 360  | 240 | 25               |
|                 | 50             | 300        | 175 | 135 | 105 | 88  | /   | 26-3 | 4   | 4-23  | 410  | 280 | 35               |
|                 | 65             | 340        | 200 | 160 | 130 | 110 | /   | 28-3 | 4   | 8-23  | 450  | 320 | 48               |
|                 | 80             | 380        | 210 | 170 | 140 | 121 | /   | 30-3 | 4   | 8-23  | 485  | 360 | 56               |
|                 | 100            | 430        | 250 | 200 | 168 | 150 | /   | 32-3 | 4.5 | 8-25  | 537  | 400 | 70               |
|                 | 125            | 500        | 295 | 240 | 202 | 176 | /   | 36-3 | 4.5 | 8-30  | 631  | 400 | 100              |
|                 | 150            | 550        | 340 | 280 | 240 | 204 | /   | 38-3 | 4.5 | 8-34  | 646  | 450 | 152              |
|                 | 200            | 650        | 405 | 345 | 300 | 260 | /   | 44-3 | 4.5 | 12-34 | 813  | 500 | 283              |
|                 | 250            | 775        | 470 | 400 | 352 | 313 | /   | 48-3 | 4.5 | 12-41 | 985  | 550 | 462              |
|                 | 300            | 900        | 530 | 460 | 412 | 364 | /   | 54-4 | 4.5 | 16-41 | 1214 | 600 | 885              |
|                 | 350            | 1025       | 595 | 525 | 475 | 422 | /   | 60-4 | 5   | 16-41 | 1432 | 650 | 1554             |
| 10.0            | 400            | 1150       | 670 | 585 | 525 | 474 | /   | 66-4 | 5   | 16-48 | 1650 | 700 | 1850             |
|                 | 10             | 170        | 100 | 70  | 50  | /   | 35  | 20-2 | /   | 4-14  | 198  | 120 | 6                |
|                 | 15             | 170        | 105 | 75  | 55  | /   | 45  | 20-2 | /   | 4-14  | 202  | 140 | 11               |
|                 | 20             | 190        | 125 | 90  | 68  | /   | 50  | 22-2 | /   | 4-18  | 228  | 160 | 13.2             |
|                 | 25             | 210        | 135 | 100 | 78  | /   | 65  | 24-2 | /   | 4-18  | 250  | 180 | 14               |
|                 | 32             | 230        | 150 | 110 | 82  | /   | 75  | 24-2 | /   | 4-23  | 326  | 220 | 15               |
|                 | 40             | 260        | 165 | 125 | 95  | /   | 85  | 26-3 | /   | 4-23  | 359  | 240 | 29               |
|                 | 50             | 300        | 195 | 145 | 112 | /   | 110 | 28-3 | /   | 4-25  | 414  | 280 | 49               |
|                 | 65             | 340        | 220 | 170 | 138 | /   | 115 | 32-3 | /   | 8-25  | 434  | 320 | 65               |
|                 | 80             | 380        | 230 | 180 | 148 | /   | 145 | 34-3 | /   | 8-25  | 547  | 400 | 95               |
|                 | 100            | 430        | 265 | 210 | 172 | /   | 145 | 38-3 | /   | 8-30  | 621  | 450 | 115              |
|                 | 125            | 500        | 310 | 250 | 210 | /   | 175 | 42-3 | /   | 8-34  | 732  | 450 | 149              |
|                 | 150            | 550        | 350 | 290 | 250 | /   | 205 | 46-3 | /   | 12-34 | 840  | 500 | 310              |
|                 | 200            | 650        | 430 | 360 | 312 | /   | 265 | 54-3 | /   | 12-41 | 925  | 550 | 590              |
| 16.0            | 250            | 775        | 500 | 430 | 382 | /   | 320 | 60-3 | /   | 12-41 | 1155 | 600 | 991              |
|                 | 300            | 900        | 585 | 500 | 442 | /   | 375 | 70-4 | /   | 16-48 | 1340 | 700 | 1361             |
|                 | 15             | 170        | 100 | 75  | 52  | /   | 35  | 24-2 | /   | 4-18  | 148  | 140 | 12.2             |
|                 | 20             | 190        | 130 | 90  | 62  | /   | 45  | 26-2 | /   | 4-23  | 156  | 160 | 15               |
|                 | 25             | 210        | 140 | 100 | 72  | /   | 50  | 28-2 | /   | 4-23  | 125  | 180 | 17               |
|                 | 32             | 230        | 165 | 115 | 85  | /   | 65  | 30-2 | /   | 4-25  | 200  | 200 | 21.4             |
|                 | 40             | 260        | 175 | 125 | 92  | /   | 75  | 32-3 | /   | 4-27  | 231  | 240 | 32               |
|                 | 50             | 300        | 215 | 165 | 132 | /   | 95  | 36-3 | /   | 8-25  | 262  | 250 | 52               |
|                 | 65             | 340        | 245 | 190 | 152 | /   | 110 | 44-3 | /   | 8-30  | 303  | 320 | 69               |
|                 | 80             | 380        | 260 | 205 | 168 | /   | 130 | 46-3 | /   | 8-30  | 341  | 400 | 98               |
|                 | 100            | 430        | 300 | 240 | 200 | /   | 160 | 48-3 | /   | 8-34  | 485  | 450 | 119              |
|                 | 150            | 550        | 390 | 318 | 270 | /   | 190 | 74-3 | /   | 12-41 | 630  | 550 | 446              |
|                 | 200            | 650        | 480 | 400 | 345 | /   | 205 | 78-3 | /   | 12-48 | 775  | 700 | 930              |

注：电动或齿轮传动，价格另计。 Note: Electric or gear drive, the price extra.



# API GLOBE VALVE

## 美标截止阀

J41 W  
Y -150Lb

### 产品概述 Products overview

美标截止阀主要有API和ASME标准，ASTM，ASTM是材料标准，不是阀门本身的标准；按美国标准设计，制造，生产、检测的截止阀叫做美标截止阀。

American standard cut-off valve mainly include API and ASME standard, ASTM, ASTM material standard, not the standard valve itself; According to the American standard design, manufacturing, production, testing, the cut-off valve American standard cut-off valve.

### 产品优点 Product advantages

1. 流体阻力小，其阻力系数与同长度的管段相等。
  2. 结构简单、体积小、重量轻。
  3. 紧密可靠，目前闸阀的密封面材料广泛使用塑料、密封性好，在真空系统中也已广泛使用。
  4. 操作方便，开闭迅速，从全开到全关只要旋转90°，便于远距离的控制。
  5. 维修方便结构简单，密封圈一般都是活动的，拆卸更换都比较方便。
  6. 在全开或全闭时，阀体和阀座的密封面与介质隔离，介质通过时，不会引起阀门密封面的侵蚀。
  7. 适用范围广，通径从小到几毫米，大到几米，从高真空至高压力都可应用，球旋转90度时，在进出口处应全部呈现球面，从而截断流动。
1. The fluid resistance is small, its resistance coefficient with section of equal length.
  2. Simple structure, small volume, light weight.
  3. Compact and reliable, the gate valve sealing surface of materials widely used plastic, sealing is good, have been widely used in the vacuum system.
  4. Easy to operate, open and close quickly, from open to close just rotate 90°, is advantageous for the remote control.
  5. Easy maintenance structure is simple, sealing ring, which generally remove replacement is more convenient.
  6. In the fully open or fully closed, the valve body and seat sealing surface and the dielectric isolation, medium through, does not cause the valve sealing surface erosion.
  7. Applicable scope is wide, size from small to several millimeters, big to a few meters, from high vacuum to high pressure can be applied, the ball rotate 90 degrees, in the inlet and outlet should be completely present spherical, thereby cutting flow.

### 标准 Standard

| 计与制造               | 结构长度        | 法兰尺寸       | 对焊连接尺寸      | 压力-温度       | 试验-检验   |
|--------------------|-------------|------------|-------------|-------------|---------|
| ANSI B16.34 BS1873 | ANSI B16.10 | ANSI B16.5 | ANSI B16.25 | ANSI B16.34 | API 598 |

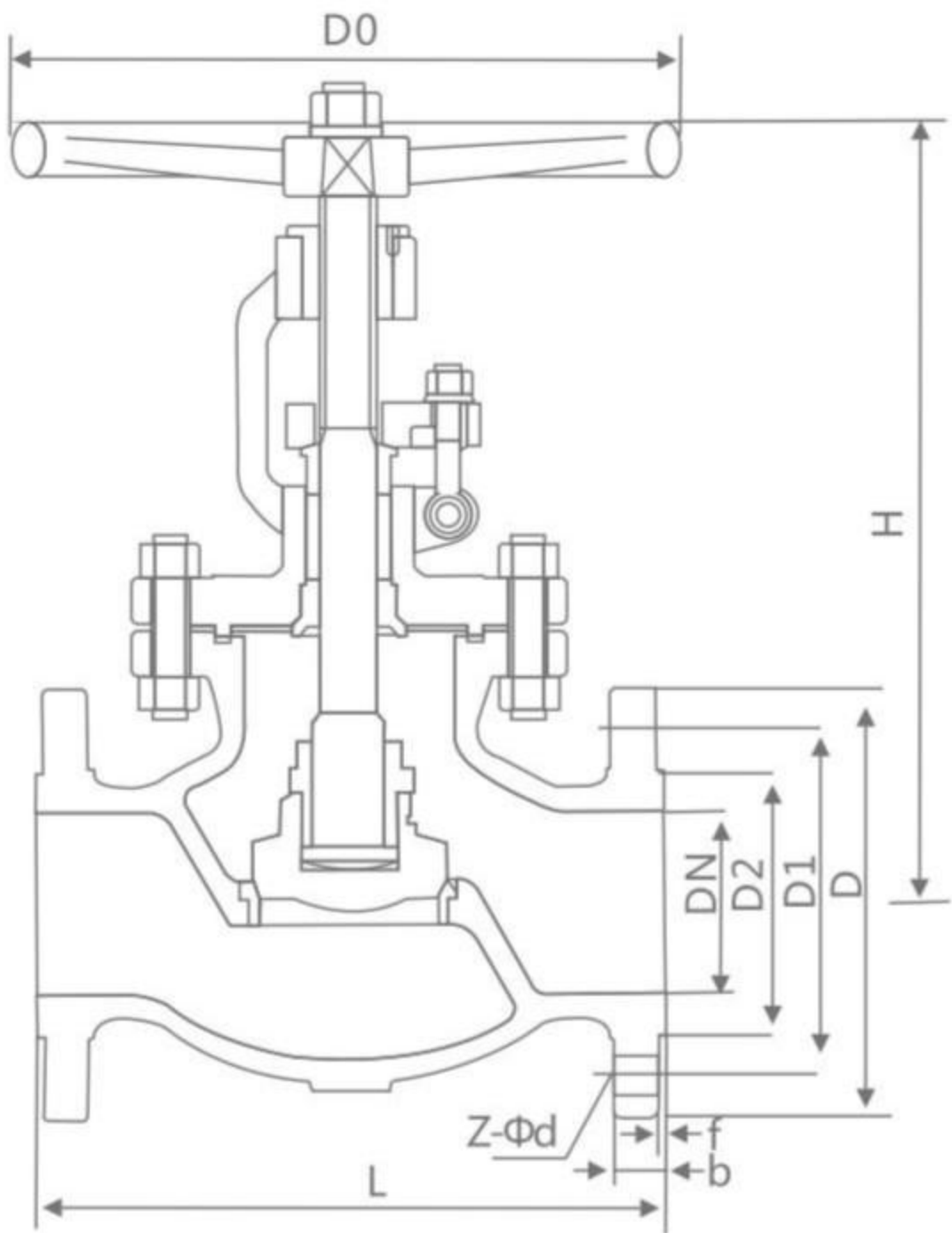
### 压力试验 Pressure test

| 公称压力 PN(Lb) | 强度试验 |         | 水密封试验 |         | 气密封试验   |         |
|-------------|------|---------|-------|---------|---------|---------|
|             | MPa  | Lbf/in2 | MPa   | Lbf/in2 | MPa     | Lbf/in2 |
| 150         | 3.0  | 430     | 2.2   | 315     | 0.4-0.7 | 60-100  |
| 300         | 7.7  | 1110    | 5.7   | 815     |         |         |
| 600         | 15.3 | 2220    | 11.3  | 1630    |         |         |
| 900         | 23.0 | 3330    | 17.0  | 2445    |         |         |
| 1500        | 38.4 | 5560    | 28.2  | 4080    |         |         |
| 2500        | 64.0 | 9255    | 47.0  | 6790    |         |         |

### 主要零件材料及性能 Major parts material and the performance

| 体盖     | 阀杆                   | 密封面                     | 垫片（环）                                                  | 填料             | 工作温度  | 适用介质  |
|--------|----------------------|-------------------------|--------------------------------------------------------|----------------|-------|-------|
| WCB    | 2Cr13                | CF8/13Cr/STL<br>本体材料/尼龙 | 增强柔性石墨 13Cr/ 柔性石墨 SFB-2<br>08 软钢 F304 F316 F304L F316L | 柔性石墨<br>增强柔性石墨 | ≤ 425 | 水蒸汽油品 |
| WC1    | 38CrMoAl<br>25Cr2MoV |                         |                                                        |                | ≤ 425 |       |
| WC6    |                      |                         |                                                        |                | ≤ 540 |       |
| WC9    |                      |                         |                                                        |                | ≤ 570 |       |
| C5 C12 |                      |                         |                                                        |                | ≤ 540 |       |
| CF8    |                      |                         |                                                        |                | F304  | ≤ 200 |
| CF8M   | F316                 |                         |                                                        |                |       |       |
| CF3    | F304L                |                         |                                                        |                |       |       |
| CF3M   | F316L                |                         |                                                        |                |       |       |

注：电动或齿轮传动，价格另计。 Note: Electric or gear drive, the price extra.





主要尺寸和重量 Main dimensions and weight

| DN  |       | 150Lb 凸面法兰 ( RF) 主要尺寸 ( mm ) |     |       |     |      |         |      |     | 重量   |
|-----|-------|------------------------------|-----|-------|-----|------|---------|------|-----|------|
| mm  | in    | L                            | D   | D1    | D2  | b    | N-Φd    | H    | D0  |      |
| 15  | 1/2   | 108                          | 89  | 60.5  | 35  | 11.2 | 4-16    | 241  | 100 | 6.9  |
| 20  | 3/4   | 117                          | 98  | 69.9  | 43  | 12.7 | 4-16    | 241  | 100 | 9.8  |
| 25  | 1     | 127                          | 108 | 79.2  | 51  | 14.2 | 4-16    | 242  | 125 | 13.5 |
| 32  | 1 1/4 | 140                          | 117 | 89    | 63  | 16   | 4-16    | 280  | 160 | 19.5 |
| 40  | 1 1/2 | 165                          | 127 | 98.6  | 73  | 17.5 | 4-16    | 286  | 160 | 28.5 |
| 50  | 2     | 203                          | 152 | 120.7 | 92  | 19   | 4-19    | 368  | 200 | 18   |
| 65  | 2 1/2 | 216                          | 178 | 139.7 | 105 | 22.4 | 4-19    | 387  | 200 | 30   |
| 80  | 3     | 241                          | 190 | 152.4 | 127 | 24   | 4-19    | 411  | 250 | 41   |
| 100 | 4     | 292                          | 229 | 190.5 | 157 | 24   | 4-19    | 454  | 250 | 64   |
| 125 | 5     | 356                          | 254 | 216.0 | 186 | 24   | 8-22.5  | 455  | 350 | 86   |
| 150 | 6     | 406                          | 279 | 241.3 | 216 | 25.4 | 8-22.5  | 541  | 350 | 113  |
| 200 | 8     | 495                          | 343 | 298.5 | 270 | 28.4 | 8-22.5  | 651  | 450 | 178  |
| 250 | 10    | 622                          | 406 | 362.0 | 324 | 30.2 | 12-25.4 | 800  | 450 | 270  |
| 300 | 12    | 698                          | 483 | 431.8 | 381 | 32   | 12-25.4 | 1231 | 600 | 350  |
| 350 | 14    | 787                          | 533 | 476.3 | 413 | 35   | 12-29   | 1450 | 600 | 460  |
| 400 | 16    | 914                          | 597 | 539.8 | 470 | 36.6 | 16-29   | 1645 | 600 | 590  |

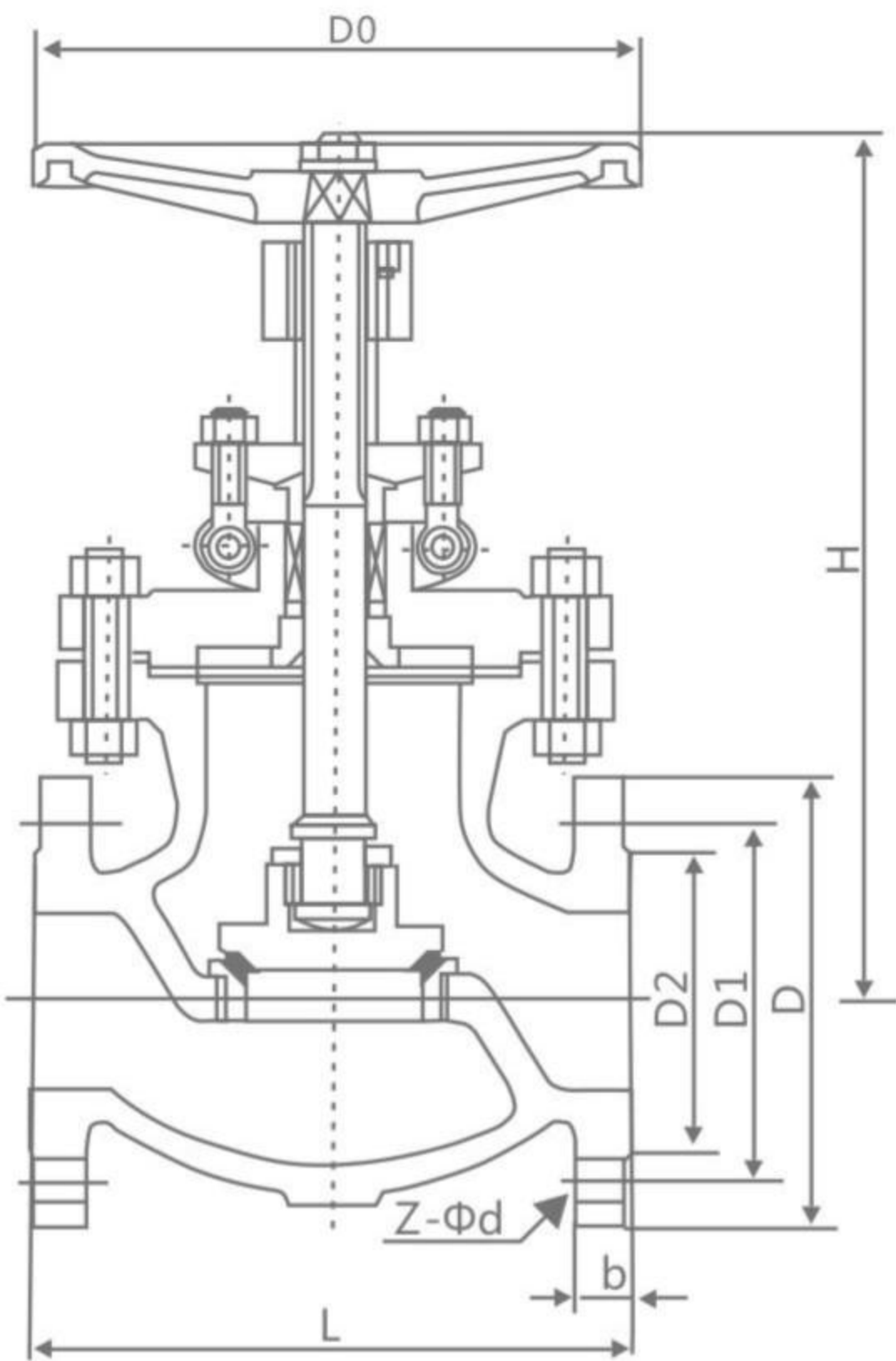
| DN  |       | 300Lb 凸面法兰 ( RF) 主要尺寸 ( mm ) |     |       |     |      |         |      |     | 重量   |
|-----|-------|------------------------------|-----|-------|-----|------|---------|------|-----|------|
| mm  | in    | L                            | D   | D1    | D2  | B    | N-Φd    | H    | D0  |      |
| 15  | 1/2   | 152                          | 95  | 66.5  | 35  | 14.2 | 4-16    | 241  | 140 | 7.7  |
| 20  | 3/4   | 178                          | 117 | 82.5  | 43  | 16   | 4-19    | 241  | 140 | 11.3 |
| 25  | 1     | 203                          | 123 | 89    | 51  | 17.5 | 4-19    | 283  | 160 | 16.8 |
| 32  | 1 1/4 | 216                          | 133 | 98.5  | 63  | 19   | 4-19    | 320  | 200 | 21.2 |
| 40  | 1 1/2 | 229                          | 155 | 114.3 | 73  | 20.6 | 4-22.5  | 322  | 200 | 32.6 |
| 50  | 2     | 267                          | 165 | 127   | 92  | 22.4 | 8-19    | 399  | 200 | 25   |
| 65  | 2 1/2 | 292                          | 190 | 149.4 | 105 | 25.4 | 8-22.5  | 438  | 250 | 30   |
| 80  | 3     | 318                          | 210 | 168.1 | 127 | 28.4 | 8-22.5  | 464  | 280 | 35   |
| 100 | 4     | 356                          | 254 | 200.2 | 157 | 31.8 | 8-22.5  | 565  | 350 | 56   |
| 125 | 5     | 400                          | 279 | 235   | 186 | 35   | 8-22.5  | 614  | 350 | 96   |
| 150 | 6     | 444                          | 318 | 269.7 | 216 | 36.6 | 12-25.4 | 717  | 400 | 120  |
| 200 | 8     | 559                          | 381 | 330.2 | 270 | 41.2 | 12-25.4 | 930  | 500 | 212  |
| 250 | 10    | 622                          | 444 | 387.4 | 324 | 47.8 | 16-28.5 | 1012 | 550 | 330  |
| 300 | 12    | 711                          | 521 | 450.8 | 381 | 50.8 | 16-32   | 1231 | 600 | 472  |
| 350 | 14    | 838                          | 584 | 514.4 | 413 | 54   | 20-32   | 1450 | 600 | 715  |
| 400 | 16    | 864                          | 648 | 571.5 | 470 | 57.2 | 20-35   | 1645 | 600 | 920  |

| DN  |       | 600Lb 凸面法兰 ( RF ) 主要尺 ( mm ) |     |       |     |      |         |      |     | 重量   |
|-----|-------|------------------------------|-----|-------|-----|------|---------|------|-----|------|
| mm  | in    | L                            | D   | D1    | D2  | B    | N-Φd    | H    | D0  |      |
| 15  | 1/2   | 165                          | 95  | 66.5  | 35  | 14.5 | 4-16    | 285  | 100 | 7.8  |
| 20  | 3/4   | 190                          | 117 | 82.5  | 43  | 16   | 4-19    | 285  | 125 | 12.5 |
| 25  | 1     | 216                          | 124 | 89    | 51  | 17.5 | 4-19    | 313  | 160 | 17.5 |
| 32  | 1 1/4 | 229                          | 133 | 98.5  | 63  | 21   | 4-19    | 328  | 160 | 23.5 |
| 40  | 1 1/2 | 241                          | 156 | 114.3 | 73  | 22.5 | 4-22.5  | 365  | 180 | 38.5 |
| 50  | 2     | 292                          | 165 | 127   | 92  | 33   | 8-19    | 444  | 200 | 35   |
| 65  | 2 1/2 | 330                          | 190 | 149.4 | 105 | 36   | 8-22.5  | 483  | 250 | 50   |
| 80  | 3     | 356                          | 210 | 168.1 | 127 | 39   | 8-22.5  | 533  | 250 | 60   |
| 100 | 4     | 432                          | 273 | 216   | 157 | 45   | 8-25.4  | 622  | 350 | 110  |
| 125 | 5     | 508                          | 330 | 266.7 | 186 | 52   | 8-28.5  | 750  | 350 | 200  |
| 150 | 6     | 559                          | 356 | 292.1 | 216 | 55   | 12-28.5 | 800  | 450 | 230  |
| 200 | 8     | 660                          | 419 | 349.3 | 270 | 63   | 12-32   | 927  | 500 | 410  |
| 250 | 10    | 787                          | 508 | 431.8 | 324 | 71   | 16-35   | 1257 | 600 | 625  |
| 300 | 12    | 838                          | 559 | 489   | 381 | 74   | 20-35   | 1468 | 680 | 860  |



# JIS GLOBE VALVE

## 日标截止阀



### 执行标准 Execution standard

| 设计与制造           | 结构长度      | 法兰尺寸            | 压力-温度           | 试验-检验     |
|-----------------|-----------|-----------------|-----------------|-----------|
| JIS B2071 B2081 | JIS B2002 | JIS B2212 B2214 | JIS B2071 B2081 | JIS B2003 |

### 性能规范 The performance specification

| 阀体材料 | SCPH2-11 | SCPH-32 | SCS13A | SCS19A | SCS14A | SCS16A | SCPL1     |
|------|----------|---------|--------|--------|--------|--------|-----------|
| 适用温度 | ≤425℃    | ≤540℃   | ≤275℃  | ≤200℃  | ≤275℃  | ≤200℃  | -45~-150℃ |
| 适用介质 | 水蒸气油品    |         | 硝酸类    |        | 醋酸类    |        | 氨气液氨      |

### 规格主要尺寸 Main size

| DN  |       | 10K |     |     |     |    |        |      |     |
|-----|-------|-----|-----|-----|-----|----|--------|------|-----|
| mm  | Im    | L   | D   | D1  | D2  | b  | n-Φd   | H    | D0  |
| 50  | 2     | 203 | 155 | 120 | 100 | 16 | 4-Φ19  | 360  | 200 |
| 65  | 2 1/2 | 216 | 175 | 140 | 120 | 18 | 4-Φ19  | 380  | 200 |
| 80  | 3     | 241 | 185 | 150 | 130 | 18 | 8-Φ19  | 415  | 250 |
| 100 | 4     | 292 | 210 | 175 | 155 | 18 | 8-Φ19  | 465  | 250 |
| 125 | 5     | 356 | 250 | 210 | 185 | 20 | 8-Φ23  | 515  | 300 |
| 150 | 6     | 406 | 280 | 240 | 215 | 22 | 8-Φ23  | 545  | 350 |
| 200 | 8     | 495 | 330 | 290 | 265 | 22 | 12-Φ23 | 675  | 450 |
| 20K |       |     |     |     |     |    |        |      |     |
| 50  | 2     | 267 | 155 | 120 | 100 | 18 | 8-Φ19  | 420  | 200 |
| 65  | 2 1/2 | 292 | 175 | 140 | 120 | 20 | 8-Φ19  | 465  | 250 |
| 80  | 3     | 318 | 200 | 160 | 135 | 22 | 8-Φ23  | 490  | 300 |
| 100 | 4     | 356 | 225 | 185 | 160 | 24 | 8-Φ23  | 590  | 350 |
| 125 | 5     | 400 | 270 | 225 | 195 | 26 | 8-Φ25  | 690  | 400 |
| 150 | 6     | 444 | 305 | 260 | 230 | 28 | 12-Φ25 | 760  | 450 |
| 200 | 8     | 559 | 350 | 305 | 275 | 30 | 12-Φ25 | 1070 | 450 |



GLOBE VALVE  
FOR AMMONIA FLANGES  
J41B法兰氨用截止阀

结构特点及用途 Structural characteristics and USES

- 1．中通法兰为方形结构，阀杆采用间杆连接。

2．阀体密封面部位采用球凸状，与阀脚以线吻合密封。

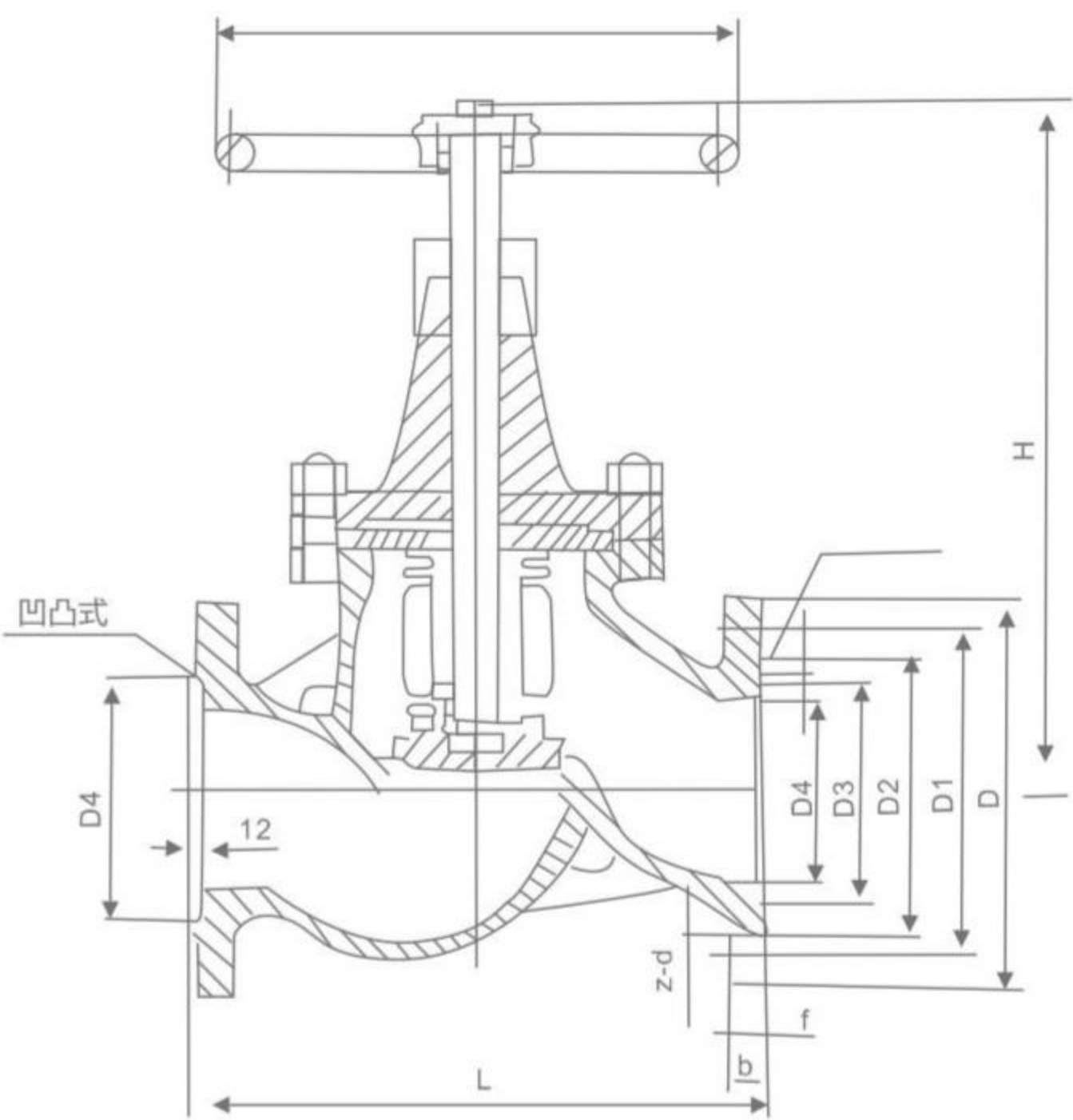
3．密封面采用巴氏合金，密封性能好，使用寿命长
1. Zhongtong flange is square structure, stem connection between the rod.

2. The valve sealing surface parts adopt convexity, sealed with valve feet in line.

3. Sealing surface adopts babbitt, good sealing performance, long service life

性能规范 Performance specification

适用介质：氨，氨液，氨水  
适用温度：-196℃-36℃  
Applicable medium: ammonia, ammonia liquid, ammonia water  
Applicable temperature: 196℃ to 36℃



试验压力 Test pressure

| 公称压力PN(MPa) | 试验压力(MPa) |      |
|-------------|-----------|------|
|             | 壳体强度试验    | 密封试验 |
| 1.6         | 2.4       | 1.76 |
| 2.5         | 3.75      | 2.75 |

主要零件材料 Major parts material

| 产品类型        | 零件名称   |       |           |       |      |
|-------------|--------|-------|-----------|-------|------|
|             | 阀杆     | 填料    | 密封面       | 垫片    | 紧固件  |
| J41B-16/25C | 碳钢、不锈钢 | 聚四氟乙烯 | 巴氏合金/PTFE | 石棉橡胶板 | 优质碳钢 |
| J41B-16/25Q | 碳钢、不锈钢 | 聚四氟乙烯 | 巴氏合金/PTFE | 石棉橡胶板 | 优质碳钢 |
| J41B-16/25K | 碳钢、不锈钢 | 聚四氟乙烯 | 巴氏合金/PTFE | 石棉橡胶板 | 优质碳钢 |

主要外形尺寸及连接尺寸 Main external and connection dimension

| 公称通径<br>DN(mm)             | 主要外形尺寸及连接尺寸(mm) |     |     |     |     |    |   |     |       |     |     |
|----------------------------|-----------------|-----|-----|-----|-----|----|---|-----|-------|-----|-----|
|                            | L               | D   | D1  | D2  | D6  | b  | f | f2  | z-d   | H   | D0  |
| J41B-16C J41B-16Q J41B-16K |                 |     |     |     |     |    |   |     |       |     |     |
| 10                         | 130             | 90  | 60  | 40  | 35  | 14 | 2 | 4   | 4-14  | 196 | 120 |
| 15                         | 130             | 95  | 65  | 45  | 40  | 14 | 2 | 4   | 4-14  | 196 | 120 |
| 20                         | 150             | 105 | 75  | 55  | 51  | 16 | 2 | 4   | 4-14  | 196 | 140 |
| 25                         | 160             | 115 | 85  | 65  | 58  | 16 | 2 | 4   | 4-14  | 204 | 160 |
| 32                         | 180             | 135 | 100 | 78  | 66  | 18 | 2 | 4   | 4-18  | 208 | 160 |
| 40                         | 200             | 145 | 110 | 85  | 76  | 18 | 3 | 4   | 4-18  | 248 | 200 |
| 50                         | 230             | 160 | 125 | 100 | 88  | 20 | 3 | 4   | 4-18  | 248 | 200 |
| 65                         | 290             | 180 | 145 | 125 | 110 | 22 | 3 | 4   | 4-18  | 321 | 240 |
| 80                         | 310             | 195 | 160 | 135 | 121 | 24 | 3 | 4   | 8-18  | 325 | 240 |
| 100                        | 350             | 215 | 180 | 155 | 150 | 24 | 3 | 4.5 | 8-18  | 371 | 280 |
| 125                        | 400             | 245 | 210 | 185 | 176 | 26 | 3 | 4.5 | 8-18  | 400 | 320 |
| 150                        | 480             | 280 | 240 | 210 | 204 | 26 | 3 | 4.5 | 8-23  | 432 | 320 |
| 200                        | 600             | 335 | 295 | 265 | 260 | 30 | 3 | 4.5 | 12-23 | 654 | 400 |
| 250                        | 650             | 405 | 335 | 320 | 313 | 32 | 3 | 4.5 | 12-25 | 745 | 500 |
| 300                        | 700             | 460 | 410 | 375 | 364 | 34 | 3 | 4.5 | 12-25 | 852 | 600 |



# PLUNGER GLOBE VALVE

## UJ41H柱塞截止阀

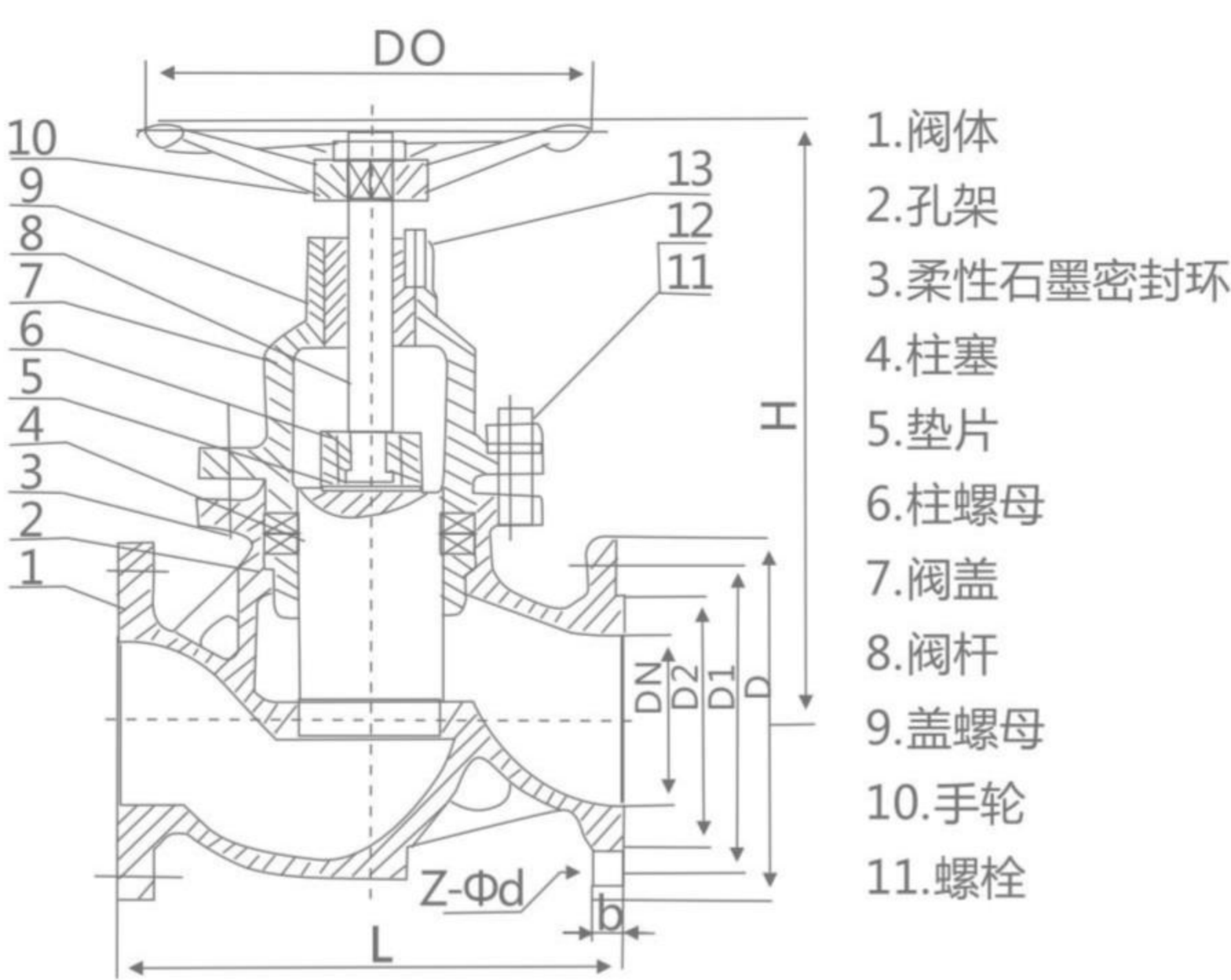
U41S U41F U41SF U41SM U41X US41S

### 结构及工作原理 Structure and working principle

柱塞式截止阀是由阀体、阀盖、阀杆、柱塞、密封圈、手轮等零七八碎件组成（如图）。当旋转手轮时，通过阀杆带动柱塞，使柱塞顶斜锥面与阀座锥面往复离合，完成阀门的开启和关闭。在阀门中，柱塞与密封圈间采用过盈配合。通过调节阀盖固定螺栓的压紧，使密封圈被压缩，内圈紧包柱塞外圈紧贴阀腔内壁，这样在密封圈上所产生的径向分力将在于流体的压力，从而保证了密封性，杜绝了外泄漏。由于密封圈采用回弹性强，而磨性高的无毒新型密封材料，所以密封可靠、经久耐用。阀座与柱塞的锥面密封部位，采用优质耐磨材料，能保证阀门的使用寿命。

本阀门结合柱塞阀的无泄漏优点和截止阀的启闭快特点，成为一个结构新颖、用途广泛的新品种。

Plunger valve by valve body, valve cover, stem, plunger, sealing ring, hand wheel and sporadic form attachments (see chart). When rotating the handwheel, through the valve rod drives the plunger, the plunger reciprocating inclined cone and seat cone clutch, complete opening and closing of the valve. In the valve, USES the interference fit between plunger and seal. Pressure across the valve cover retaining bolt tight, make the seal ring is compressed, inner ring present tight circle against the valve cavity wall, beyond the Great Wall so on sealing ring radial component force would be generated by the pressure of the fluid, thus ensuring the sealing, to eliminate the external leakage. The adoption of resilience is strong, sealing ring and bonding high nontoxic new sealing material, so the sealing is reliable, durable. Seat and taper sealing plunger parts, using high quality materials, resistant to ensure the service life of the valve. This combination of plunger valve without leakage valve advantages, and the characteristics of the valve opening and closing fast, become a new structure, USES a wide range of new varieties.



### 应用规范 Application specification

|                             |                                            |
|-----------------------------|--------------------------------------------|
| 设计与制造Design and manufacture | 柱塞阀、柱塞阀截止阀、GB12235，柱塞阀GB12234              |
| 结构长度length of the structure | 国标GB12221、部标JB97、美标ANSI、B16.10             |
| 法兰结构尺寸Flange structure size | JB81-59、HB5010-58、HG20592 20635、ANSI、B16.5 |
| 检查和试验Inspection and test    | 按GB/T13927-1992或IBJ16006-1990、API598之规定    |

### 性能规范 Performance specification

| 阀体材料 Valve body material             | 适用温度 Suitable temperature | 适用介质 Applicable medium                        | 范围压力 scope of the pressure |
|--------------------------------------|---------------------------|-----------------------------------------------|----------------------------|
| 铸钢 Cast steel                        | ≤425℃                     | 水、蒸气、石油 Water, steam, oil                     | PN1.6 - 10                 |
| 不锈钢 Stainless steel                  | ≤300℃                     | 硝酸、醋酸 Nitric acid, acetic acid                | PN1.6 - 10                 |
| 含钼不锈钢 Molybdenum stainless steel     | ≤300℃                     | 氮、氢、氨、尿素 Nitrogen, hydrogen, ammonia and urea | PN1.6 - 10                 |
| 蒙乃尔 monel                            | ≤300℃                     | 氢、氟、酸 Hydrogen, fluorine, acid                | PN1.6 - 10                 |
| 铬钼钒钢Molybdenum chrome vanadium steel | ≤600℃                     | 蒸气、石油 Steam, oil,                             | PN1.6 - 10                 |

### 主要外形尺寸及连接尺寸 Main external and connection dimension

16C UJ41W-16P UJ41W-16R

| DN  | L   | D   | D1  | D2  | b  | Z-Φd  | H≈   | H1≈  | D0  | 重量(公斤) |
|-----|-----|-----|-----|-----|----|-------|------|------|-----|--------|
| 15  | 130 | 95  | 65  | 45  | 14 | 4-14  | 145  | 157  | 100 | 3.5    |
| 20  | 150 | 105 | 75  | 55  | 14 | 4-14  | 149  | 165  | 120 | 4.4    |
| 25  | 160 | 115 | 85  | 65  | 14 | 4-14  | 166  | 84   | 140 | 5.6    |
| 32  | 180 | 135 | 100 | 78  | 16 | 4-18  | 187  | 213  | 160 | 8.5    |
| 40  | 200 | 145 | 110 | 85  | 16 | 4-18  | 208  | 236  | 180 | 11.0   |
| 50  | 230 | 160 | 125 | 100 | 16 | 4-18  | 234  | 268  | 220 | 15.0   |
| 65  | 290 | 180 | 145 | 120 | 18 | 4-18  | 284  | 330  | 240 | 21.0   |
| 80  | 310 | 195 | 160 | 135 | 20 | 8-18  | 314  | 358  | 280 | 30.0   |
| 100 | 350 | 215 | 180 | 155 | 20 | 8-18  | 365  | 427  | 320 | 41.0   |
| 125 | 400 | 245 | 210 | 185 | 22 | 8-18  | 401  | 475  | 360 | 60.0   |
| 150 | 480 | 280 | 240 | 210 | 24 | 8-23  | 415  | 505  | 400 | 82.0   |
| 200 | 600 | 335 | 295 | 265 | 26 | 12-23 | 508  | 626  | 450 | 147.0  |
| 250 | 650 | 405 | 355 | 320 | 30 | 12-25 | 590  | 740  | 500 | 220.0  |
| 300 | 750 | 460 | 410 | 375 | 30 | 12-25 | 1000 | 1160 | 560 | 290    |
| 350 | 850 | 520 | 470 | 435 | 34 | 16-25 | 1040 | 1210 | 640 | 450    |
| 400 | 914 | 580 | 525 | 485 | 36 | 16-30 | 1200 | 1400 | 720 | 725    |



# PLUNGER GLOBE VALVE

## UJ41H柱塞截止阀

25C UJ41W-25P UJ41W-25R

| DN  | L   | D   | D1  | D2  | b  | Z-Φd  | H≈   | H1≈  | D0  | 重量(公斤) |
|-----|-----|-----|-----|-----|----|-------|------|------|-----|--------|
| 15  | 130 | 95  | 65  | 45  | 16 | 4-14  | 145  | 157  | 100 | 3.5    |
| 20  | 150 | 105 | 75  | 55  | 16 | 4-14  | 149  | 165  | 120 | 4.4    |
| 25  | 160 | 115 | 85  | 65  | 16 | 4-14  | 166  | 84   | 140 | 5.6    |
| 32  | 180 | 135 | 100 | 78  | 18 | 4-18  | 187  | 213  | 160 | 8.5    |
| 40  | 200 | 145 | 110 | 85  | 18 | 4-18  | 208  | 236  | 180 | 12.0   |
| 50  | 230 | 160 | 125 | 100 | 18 | 4-18  | 234  | 268  | 220 | 16.0   |
| 65  | 290 | 180 | 145 | 120 | 20 | 8-18  | 284  | 330  | 240 | 22.0   |
| 80  | 310 | 195 | 160 | 135 | 22 | 8-18  | 314  | 358  | 280 | 32.0   |
| 100 | 350 | 230 | 190 | 160 | 24 | 8-23  | 365  | 427  | 320 | 46.0   |
| 125 | 400 | 270 | 220 | 188 | 28 | 8-25  | 401  | 475  | 360 | 65.0   |
| 150 | 480 | 300 | 250 | 218 | 30 | 8-25  | 415  | 505  | 400 | 92.0   |
| 200 | 600 | 360 | 310 | 278 | 34 | 12-25 | 508  | 626  | 450 | 165.0  |
| 250 | 650 | 425 | 370 | 332 | 36 | 12-30 | 590  | 740  | 500 | 250.0  |
| 300 | 750 | 485 | 430 | 390 | 40 | 16-30 | 1000 | 1160 | 560 | 305    |
| 350 | 850 | 550 | 490 | 448 | 44 | 16-34 | 1040 | 1210 | 640 | 470    |
| 400 | 914 | 610 | 550 | 505 | 48 | 16-34 | 1200 | 1400 | 720 | 780    |

40C UJ41W-40P UJ41W-40R

| DN  | L   | D   | D1  | D2  | D6  | b  | Z-Φd  | H≈   | H1≈  | D0  | 重量(公斤) |
|-----|-----|-----|-----|-----|-----|----|-------|------|------|-----|--------|
| 15  | 130 | 95  | 65  | 45  | 40  | 16 | 4-14  | 145  | 157  | 100 | 3.5    |
| 20  | 150 | 105 | 75  | 55  | 51  | 16 | 4-14  | 149  | 165  | 120 | 4.4    |
| 25  | 160 | 115 | 85  | 65  | 58  | 16 | 4-14  | 166  | 84   | 140 | 5.6    |
| 32  | 180 | 135 | 100 | 78  | 66  | 18 | 4-18  | 187  | 213  | 160 | 8.5    |
| 40  | 200 | 145 | 110 | 85  | 76  | 18 | 4-18  | 208  | 236  | 180 | 12.0   |
| 50  | 230 | 160 | 125 | 100 | 88  | 20 | 4-18  | 234  | 268  | 220 | 16.0   |
| 65  | 290 | 180 | 145 | 120 | 110 | 22 | 4-18  | 284  | 330  | 240 | 22.0   |
| 80  | 310 | 195 | 160 | 135 | 121 | 22 | 8-18  | 314  | 358  | 280 | 32.0   |
| 100 | 350 | 230 | 190 | 160 | 150 | 24 | 8-23  | 365  | 427  | 320 | 46.0   |
| 125 | 400 | 270 | 220 | 188 | 176 | 28 | 8-25  | 401  | 475  | 360 | 70.0   |
| 150 | 480 | 300 | 250 | 218 | 204 | 30 | 8-25  | 415  | 505  | 400 | 93.0   |
| 200 | 600 | 375 | 320 | 282 | 260 | 38 | 8-30  | 508  | 626  | 450 | 185.0  |
| 250 | 650 | 445 | 385 | 345 | 313 | 42 | 12-34 | 590  | 740  | 500 | 275    |
| 300 | 750 | 510 | 450 | 408 | 364 | 46 | 12-34 | 1000 | 1160 | 560 | 340    |
| 350 | 850 | 570 | 510 | 465 | 422 | 52 | 16-34 | 1040 | 1210 | 640 | 510    |
| 400 | 914 | 655 | 585 | 535 | 474 | 58 | 16-41 | 1200 | 1400 | 720 | 850    |

64C UJ41W-64P UJ41W-64R

| DN  | L   | D   | D1  | D2  | D6  | b  | Z-Φd  | D0  |
|-----|-----|-----|-----|-----|-----|----|-------|-----|
| 15  | 170 | 105 | 75  | 55  | 41  | 18 | 4-14  | 140 |
| 20  | 190 | 125 | 90  | 68  | 51  | 20 | 4-18  | 160 |
| 25  | 210 | 135 | 100 | 78  | 58  | 22 | 4-18  | 180 |
| 32  | 230 | 150 | 110 | 82  | 66  | 24 | 4-23  | 200 |
| 40  | 260 | 165 | 125 | 95  | 76  | 24 | 4-23  | 240 |
| 50  | 300 | 175 | 135 | 105 | 88  | 26 | 4-23  | 280 |
| 65  | 340 | 200 | 160 | 130 | 110 | 28 | 8-23  | 320 |
| 80  | 380 | 210 | 170 | 140 | 121 | 30 | 8-23  | 360 |
| 100 | 430 | 250 | 200 | 168 | 150 | 32 | 8-25  | 400 |
| 125 | 500 | 295 | 240 | 202 | 176 | 36 | 8-30  | 450 |
| 150 | 550 | 340 | 280 | 240 | 204 | 38 | 8-34  | 500 |
| 200 | 600 | 405 | 345 | 300 | 260 | 44 | 12-34 | 560 |
| 250 | 650 | 470 | 400 | 352 | 313 | 48 | 12-41 | 640 |
| 300 | 750 | 530 | 460 | 412 | 364 | 54 | 16-41 | 800 |



INSULATION  
GLOBE VALVE  
保温截止阀

BJ45H/Y-15-40C/P/R

产品概述 Product overview

保温截止阀，是使用最广泛的一种阀门，它之所以广受欢迎，是由于开闭过程中密封面之间摩擦力小，比较耐用，开启高度不大，制造容易，维修方便，不仅适用于中 低压，而且适用于高压。它的闭合原理是，依靠阀杠压力，使阀瓣密封面与阀座密封面紧密贴合，阻止介质流通。

保温截止阀只许介质单向流动，安装时有方向性。它的结构长度大于闸阀，同时流体阻力大，长期运行时，密封可靠性不强。

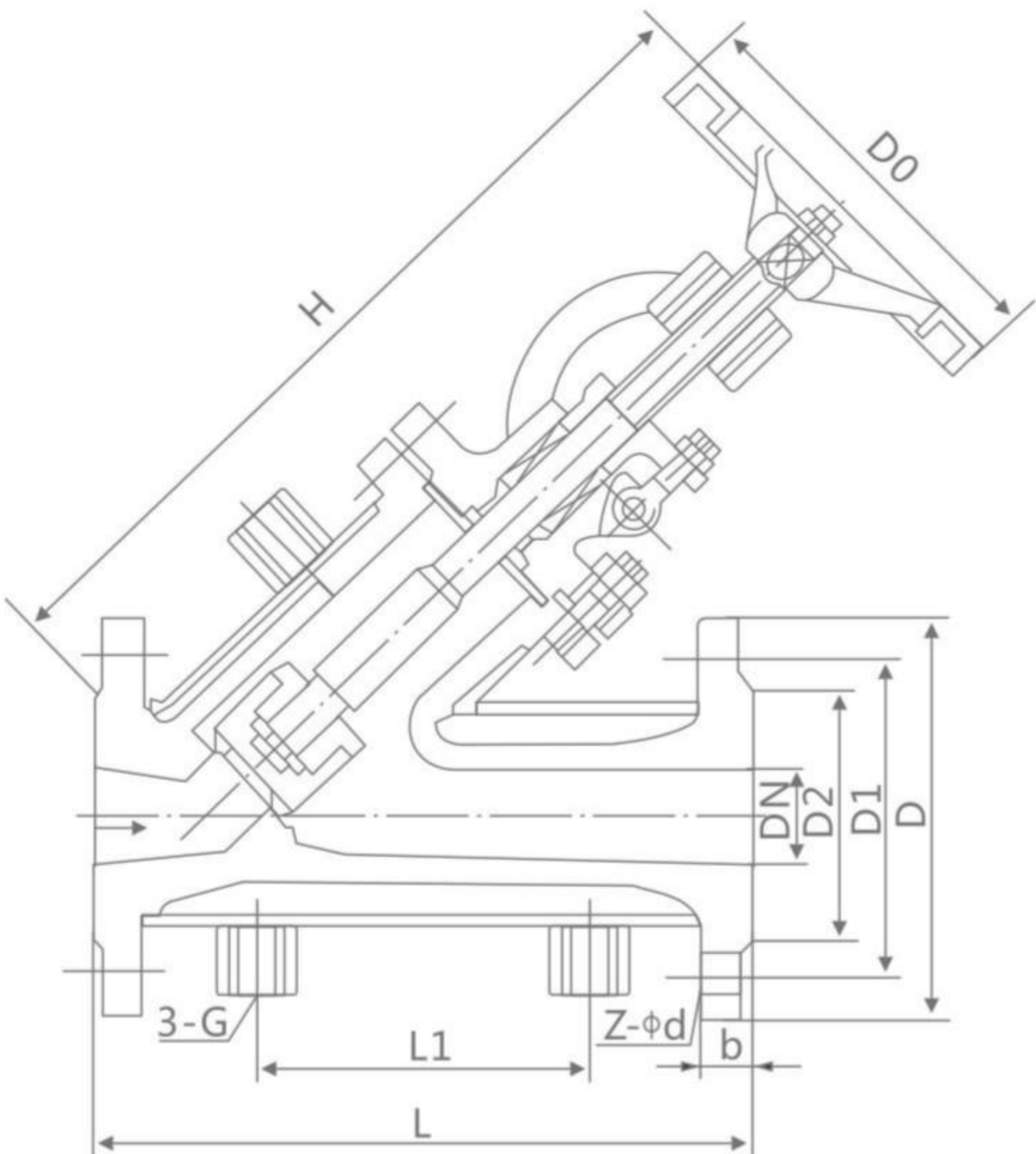
保温截止阀分为三类：直通式、直角式及直流式斜截止阀。

产品优点 Product advantages

- 1、结构简单，制造和维修比较方便。
- 2、工作行程小，启闭时间短。
- 3、密封性好，密封面间摩擦力小，寿命较长。

产品缺点 Product defect

- 1、流体阻力大，开启和关闭时所需力较大。
- 2、不适用于带颗粒、粘度较大、易结焦的介质。
- 3、调节性能较差。



主要外形和连接尺寸 Main external and connection dimension

单位Unit:mm

| 公称通径<br>DN                                        | PN2.5/4.0MPa |     |     |     |     |      |        | G     | H   | D0  | WT<br>(kg) |
|---------------------------------------------------|--------------|-----|-----|-----|-----|------|--------|-------|-----|-----|------------|
|                                                   | L            | L1  | D   | D1  | D2  | b    | Z-Φd   |       |     |     |            |
| BJ45H-25    BJ45HY-25P    BJ45Y-25R    BJ45Y-25R3 |              |     |     |     |     |      |        |       |     |     |            |
| 15                                                | 130          | 50  | 95  | 65  | 45  | 16-2 | 4-Φ14  | 1/2 " | 210 | 120 | 15         |
| 20                                                | 150          | 60  | 105 | 75  | 55  | 16-2 | 4-Φ14  | 1/2 " | 240 | 140 | 21         |
| 25                                                | 160          | 70  | 115 | 85  | 65  | 16-2 | 4-Φ14  | 1/2 " | 250 | 160 | 25         |
| 32                                                | 180          | 80  | 135 | 100 | 78  | 18-2 | 4-Φ18  | 1/2 " | 270 | 160 | 30         |
| 40                                                | 200          | 100 | 145 | 110 | 85  | 18-3 | 4-Φ18  | 1/2 " | 310 | 160 | 36         |
| 50                                                | 230          | 110 | 160 | 125 | 100 | 20-3 | 4-Φ18  | 3/4 " | 330 | 240 | 40         |
| 65                                                | 290          | 130 | 180 | 145 | 120 | 22-3 | 8-Φ18  | 3/4 " | 360 | 240 | 54         |
| 80                                                | 310          | 150 | 195 | 160 | 135 | 22-3 | 8-Φ18  | 3/4 " | 400 | 280 | 70         |
| 100                                               | 350          | 200 | 230 | 190 | 160 | 24-3 | 8-Φ23  | 1 "   | 480 | 320 | 100        |
| 125                                               | 400          | 210 | 270 | 220 | 188 | 28-3 | 8-Φ25  | 1 "   | 550 | 360 | 130        |
| 150                                               | 480          | 240 | 300 | 250 | 218 | 30-3 | 8-Φ25  | 1 "   | 620 | 300 | 170        |
| 200                                               | 600          | 300 | 360 | 310 | 278 | 34-3 | 12-Φ25 | 1 "   | 750 | 400 | 250        |
| BJ45H-40    BJ45HY-40P    BJ45Y-40R    BJ45Y-40R3 |              |     |     |     |     |      |        |       |     |     |            |
| 15                                                | 130          | 50  | 95  | 65  | 45  | 16-2 | 4-Φ14  | 1/2 " | 210 | 120 | 18         |
| 20                                                | 150          | 60  | 105 | 75  | 55  | 16-2 | 4-Φ14  | 1/2 " | 240 | 140 | 21         |
| 25                                                | 160          | 70  | 115 | 85  | 65  | 16-2 | 4-Φ14  | 1/2 " | 250 | 160 | 25         |
| 32                                                | 180          | 80  | 135 | 100 | 78  | 18-2 | 4-Φ18  | 1/2 " | 270 | 160 | 33         |
| 40                                                | 200          | 100 | 145 | 110 | 85  | 18-3 | 4-Φ18  | 1/2 " | 310 | 160 | 41         |
| 50                                                | 230          | 110 | 160 | 125 | 100 | 20-3 | 4-Φ18  | 3/4 " | 330 | 240 | 45         |
| 65                                                | 290          | 130 | 180 | 145 | 120 | 22-3 | 8-Φ18  | 3/4 " | 360 | 240 | 62         |
| 80                                                | 310          | 150 | 195 | 160 | 135 | 22-3 | 8-Φ18  | 3/4 " | 400 | 280 | 80         |
| 100                                               | 350          | 200 | 230 | 190 | 160 | 24-3 | 8-Φ23  | 1 "   | 480 | 320 | 100        |
| 125                                               | 400          | 210 | 270 | 220 | 188 | 28-3 | 8-Φ25  | 1 "   | 550 | 360 | 130        |
| 150                                               | 480          | 240 | 300 | 250 | 218 | 30-3 | 8-Φ25  | 1 "   | 620 | 300 | 185        |
| 200                                               | 600          | 300 | 375 | 320 | 282 | 38-3 | 12-Φ30 | 1 "   | 750 | 400 | 168        |



STAINLESS STEEL  
ANTIBIOTIC FLANGE GLOBE VALVE  
不锈钢抗生素法兰截止阀

KJ41F-16-40/P/R

产品用途 Product use

抗生素截止阀主要应用于生物发酵、医药和啤酒发酵、氨基酸发酵、生物农药发酵、生物肥料发酵、生物、生化、化学特药的物料、水、汽、冷的控制等邻域，底部可以根据客户需要开设排泄孔，耐高温使用寿命长，无死角达到零泄漏水平。

产品特点 Product features

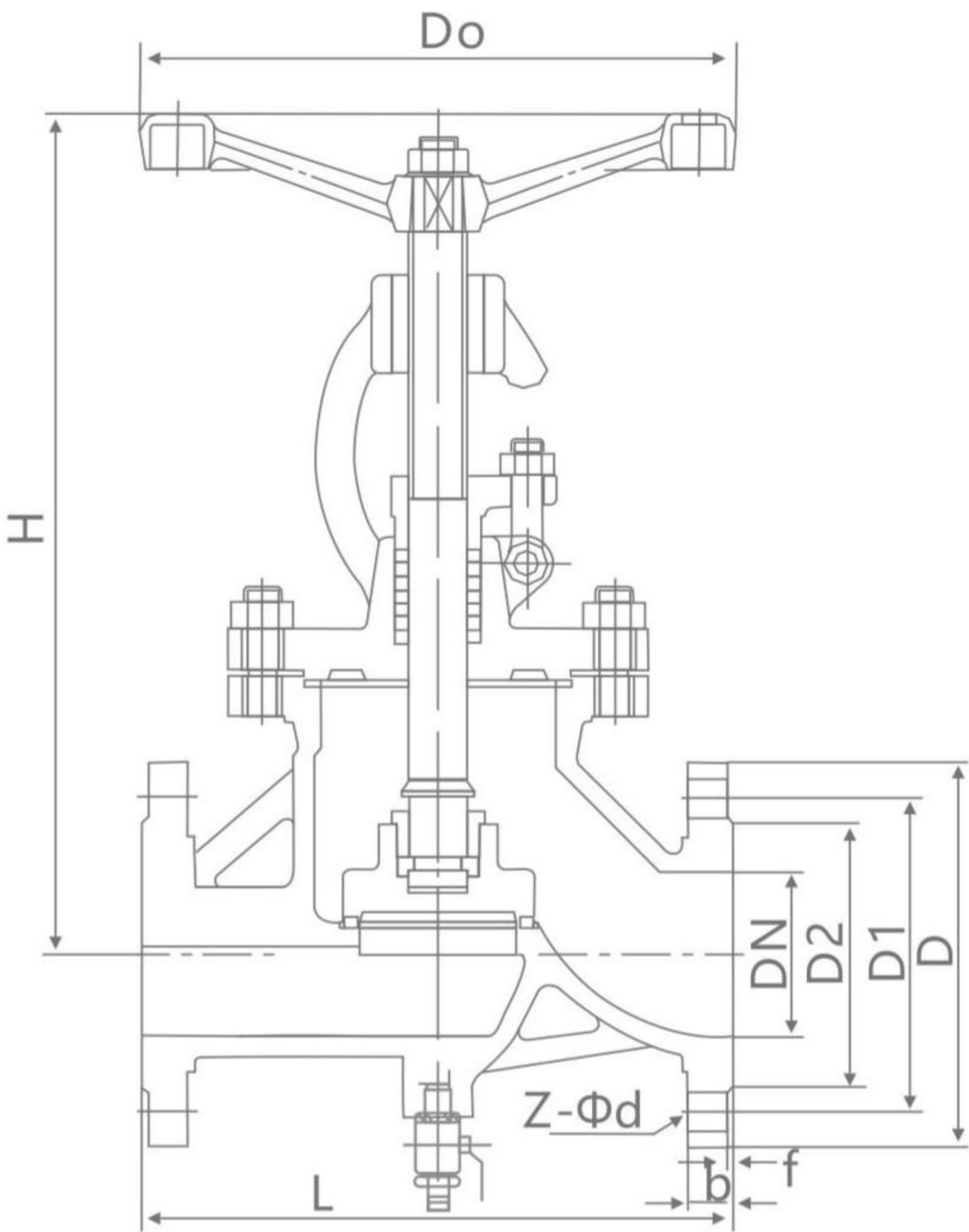
- 1、具有较强的杀菌、消毒功能，防止产品染菌。
- 2、密封垫采用耐高温聚四氟乙烯复合材料制成。
- 3、密封垫、阀体中道密封圈，阀杆填料全部采用优质聚回眸氟乙烯材料。寿命长、耐腐蚀，确保无内外漏。
- 4、流线型的流道，使得压力损失小。
- 5、密封垫可更换，拆卸更方便，维护费用低。

主要设计参数 Main design parameters:

口径范围 Scope: DN150~DN300  
压力范围 Pressure range:PN16-PN40  
温度范围 Temperature range: -20~200℃  
传动方式 Drive mode: 手动Manual、电动Electric  
阀体材质 Body material: Cast steel铸钢、不锈钢Stainless steel  
连接方式 Connection: 法兰 Flange

设计和制造标准 Design and Manufacturing standards

设计与制造 Design and Manufacturing: GB/T 12235  
法兰尺寸 Flange size: JB/T 79.1~2  
结构长度 Structure length: GB/T12221  
检验与试验 Testing and Testing: JB/T 9092



产品主要性能规范 Product main performance specifications

| 公称压力PN                                                            |                     | 1.6MPa |     |
|-------------------------------------------------------------------|---------------------|--------|-----|
| 试验压力<br>Test pressure                                             | 强度试验Strength test   | 2.4    | MPa |
|                                                                   | 密封试验Sealing test    | 1.76   |     |
|                                                                   | 上密封试验Back seal test | 1.76   |     |
|                                                                   | 气密封试验Gas seal test  | 0.6    |     |
| 最高工作温度Highest working temperature                                 |                     | 120    | ℃   |
| 适用介质：酸、水、蒸汽、食品等 Applicable medium: Acid, water, steam, food, etc. |                     |        |     |

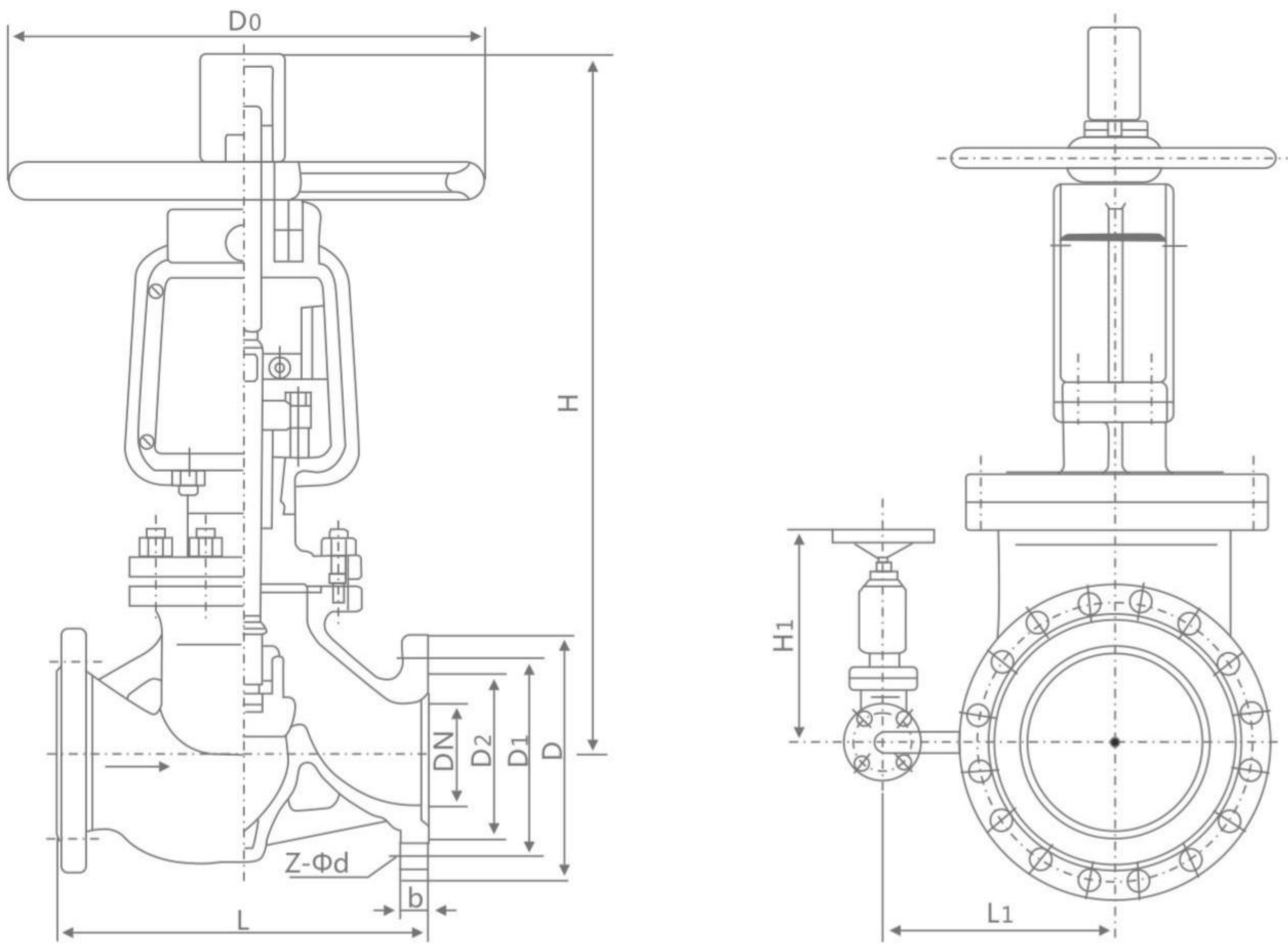
主要外形和连接尺寸 Main external and connection dimension

| 规格<br>DN | 主要连接尺寸Main connecting dimensions |     |     |     |    |        |     |     |     |
|----------|----------------------------------|-----|-----|-----|----|--------|-----|-----|-----|
|          | L                                | D   | D1  | D2  | b  | Z-Φd   | H1  | H2  | D0  |
| 15       | 130                              | 95  | 65  | 45  | 14 | 4-Φ14  | 252 | 194 | 120 |
| 20       | 150                              | 105 | 75  | 55  | 14 | 4-Φ14  | 270 | 200 | 120 |
| 25       | 160                              | 115 | 85  | 65  | 14 | 4-Φ14  | 310 | 235 | 140 |
| 32       | 180                              | 135 | 100 | 78  | 15 | 4-Φ18  | 322 | 260 | 160 |
| 40       | 200                              | 145 | 110 | 85  | 16 | 4-Φ18  | 360 | 345 | 180 |
| 50       | 230                              | 160 | 125 | 100 | 16 | 4-Φ18  | 408 | 370 | 200 |
| 65       | 290                              | 180 | 145 | 120 | 18 | 4-Φ18  | 435 | 420 | 240 |
| 80       | 310                              | 195 | 160 | 135 | 20 | 8-Φ18  | 475 | 455 | 280 |
| 100      | 350                              | 215 | 180 | 155 | 20 | 8-Φ18  | 525 | 495 | 320 |
| 125      | 400                              | 245 | 210 | 185 | 22 | 8-Φ18  | 600 | 570 | 360 |
| 150      | 480                              | 280 | 240 | 210 | 24 | 8-Φ23  | 675 | 630 | 400 |
| 200      | 600                              | 335 | 295 | 265 | 26 | 12-Φ23 | 730 | 700 | 500 |



STAINLESS STEEL  
OXYGEN SPECIAL GLOBE VALVE  
不锈钢氧气专用截止阀

YJ41H-25-40P/T



主要外形及和连接尺寸 Main external and connection dimension

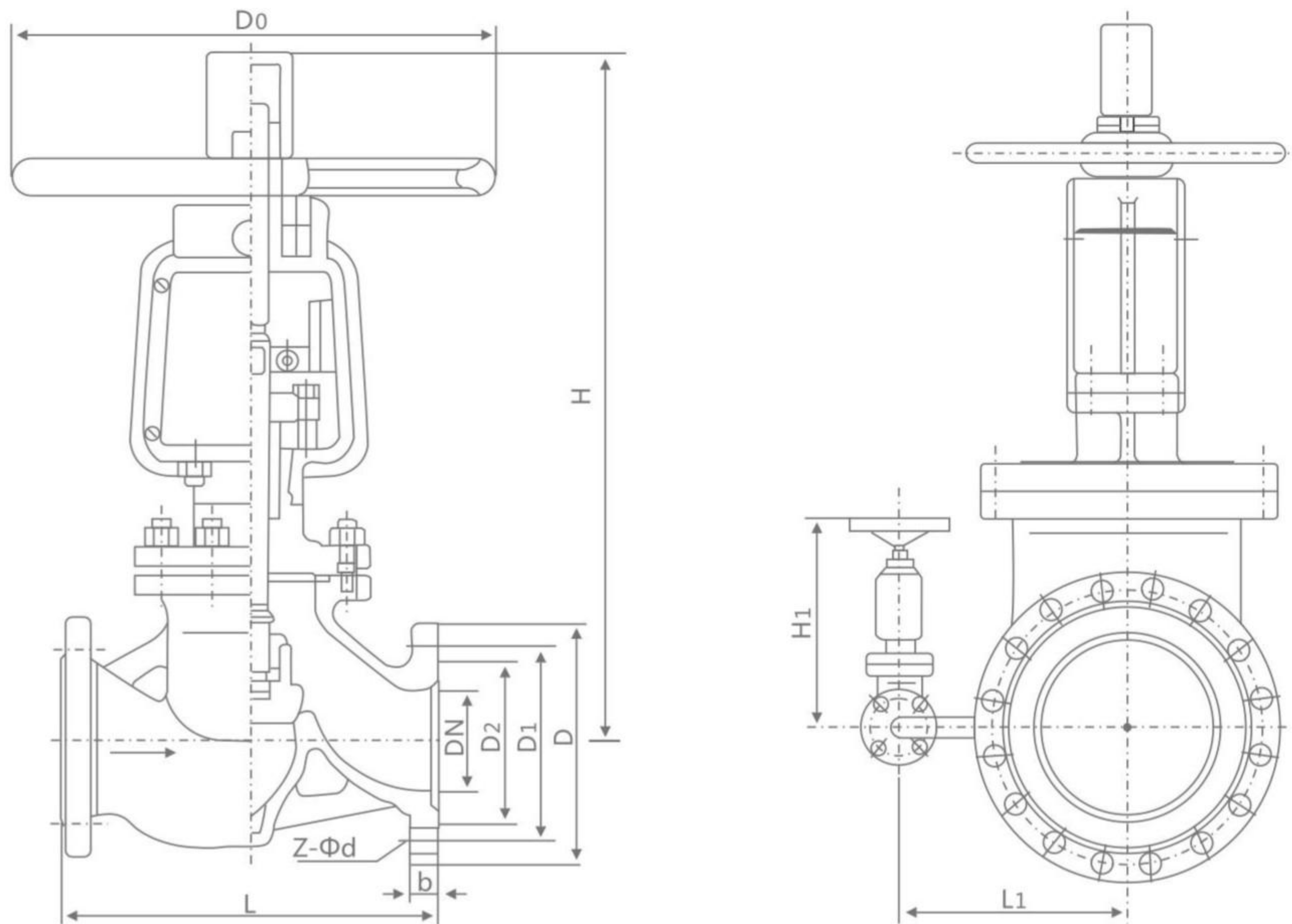
JB/T79.1  
单位Unit:mm

| 公称通径<br>DN          | 主要外形尺寸和连接尺寸 ( mm ) Main External and Connection Dimension |     |     |     |    |       |     |      |     |     | WT<br>(kg) |
|---------------------|-----------------------------------------------------------|-----|-----|-----|----|-------|-----|------|-----|-----|------------|
|                     | L                                                         | D   | D1  | D2  | b  | Z-Φd  | Do  | H    | H1  | L1  |            |
| YJ41W-25P YJ41W-25T |                                                           |     |     |     |    |       |     |      |     |     |            |
| 15                  | 130                                                       | 95  | 65  | 45  | 16 | 4-14  | 100 | 190  | -   | -   | 5          |
| 20                  | 150                                                       | 105 | 75  | 55  | 16 | 4-14  | 100 | 213  | -   | -   | 6.5        |
| 25                  | 160                                                       | 115 | 85  | 65  | 16 | 4-14  | 125 | 236  | -   | -   | 7          |
| 32                  | 180                                                       | 135 | 100 | 78  | 18 | 4-18  | 182 | 312  | -   | -   | 13.5       |
| 40                  | 200                                                       | 145 | 115 | 85  | 18 | 4-18  | 160 | 328  | -   | -   | 16         |
| 50                  | 230                                                       | 160 | 125 | 100 | 20 | 4-18  | 320 | 450  | -   | -   | 32         |
| 65                  | 290                                                       | 180 | 145 | 120 | 22 | 8-18  | 360 | 530  | -   | -   | 46         |
| 80                  | 310                                                       | 195 | 160 | 135 | 22 | 8-18  | 400 | 560  | -   | -   | 60         |
| 100                 | 350                                                       | 230 | 190 | 160 | 24 | 8-23  | 450 | 618  | -   | -   | 80         |
| 125                 | 400                                                       | 270 | 220 | 188 | 28 | 8-25  | 450 | 675  | -   | -   | 107        |
| 150                 | 480                                                       | 300 | 250 | 218 | 30 | 8-25  | 560 | 743  | -   | -   | 134        |
| 200                 | 600                                                       | 360 | 310 | 278 | 34 | 12-25 | 640 | 850  | -   | -   | 268.7      |
| 250                 | 650                                                       | 425 | 370 | 332 | 36 | 12-30 | 720 | 975  | 340 | 330 | 449        |
| 300                 | 750                                                       | 485 | 430 | 390 | 40 | 16-30 | 800 | 1115 | 340 | 415 | 663        |
| 400                 | 950                                                       | 610 | 550 | 505 | 48 | 16-34 | 900 | 1330 | 340 | 465 | 1170       |



STAINLESS STEEL  
OXYGEN SPECIAL GLOBE VALVE  
不锈钢氧气专用截止阀

YJ41H-25-40P/T



主要外形及和连接尺寸 Main external and connection dimension

JB/T79.2  
单位Unit:mm

| 公称通径<br>DN          | 主要外形尺寸和连接尺寸 ( mm ) Main External and Connection Dimension |     |     |     |     |    |       |     |      |     |     | WT<br>(kg) |
|---------------------|-----------------------------------------------------------|-----|-----|-----|-----|----|-------|-----|------|-----|-----|------------|
|                     | L                                                         | D   | D1  | D2  | D6  | b  | Z-Φd  | D0  | H    | H1  | L1  |            |
| YJ41W-40P YJ41W-40T |                                                           |     |     |     |     |    |       |     |      |     |     |            |
| 15                  | 130                                                       | 95  | 65  | 45  | 40  | 16 | 4-14  | 100 | 202  | -   | -   | 5          |
| 20                  | 150                                                       | 105 | 75  | 55  | 51  | 16 | 4-14  | 100 | 225  | -   | -   | 6.5        |
| 25                  | 160                                                       | 115 | 85  | 65  | 58  | 16 | 4-14  | 125 | 236  | -   | -   | 7          |
| 32                  | 180                                                       | 135 | 100 | 78  | 66  | 18 | 4-18  | 180 | 312  | -   | -   | 13.5       |
| 40                  | 200                                                       | 145 | 110 | 85  | 76  | 18 | 4-18  | 160 | 328  | -   | -   | 16         |
| 50                  | 230                                                       | 160 | 125 | 100 | 88  | 20 | 4-18  | 320 | 450  | -   | -   | 32         |
| 65                  | 290                                                       | 180 | 145 | 120 | 110 | 22 | 8-18  | 360 | 530  | -   | -   | 45         |
| 80                  | 310                                                       | 195 | 160 | 135 | 121 | 22 | 8-18  | 400 | 560  | -   | -   | 60         |
| 100                 | 350                                                       | 230 | 190 | 160 | 150 | 24 | 8-23  | 450 | 618  | -   | -   | 80         |
| 125                 | 400                                                       | 270 | 220 | 188 | 176 | 28 | 8-25  | 450 | 675  | -   | -   | 105        |
| 150                 | 480                                                       | 300 | 250 | 218 | 204 | 30 | 8-25  | 560 | 743  | -   | -   | 134        |
| 200                 | 600                                                       | 375 | 320 | 282 | 260 | 38 | 12-30 | 640 | 850  | -   | -   | 266        |
| 250                 | 650                                                       | 445 | 385 | 345 | 313 | 42 | 12-34 | 720 | 975  | 380 | 340 | 491        |
| 300                 | 750                                                       | 510 | 450 | 408 | 364 | 46 | 16-34 | 800 | 1115 | 415 | 340 | 705        |
| 400                 | 950                                                       | 655 | 585 | 535 | 474 | 58 | 16-41 | 900 | 1425 | 465 | 340 | 1234       |



# CRYOGENIC GLOBE VALVE

## DJ41F-16/40P低温截止阀

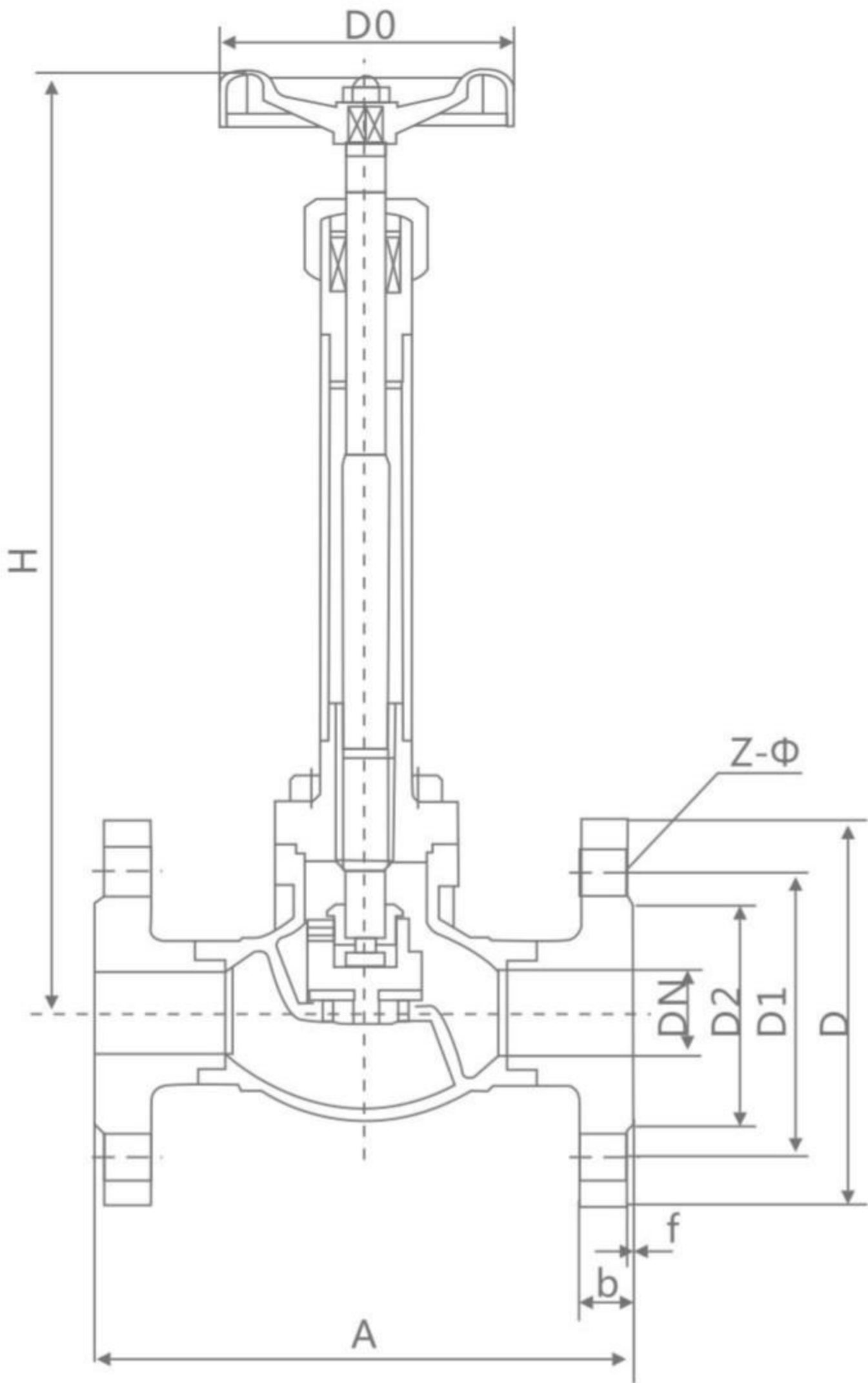
DJ41F-16/40P

产品规范

公称压力：1.6MPa  
公称通径：10mm~200mm  
适用介质：L02、LN2、LAr、LNG、LC2H4等  
适用温度：-196~+80℃  
连接方式：法兰  
介质流向：由阀瓣下面向上流

Product specification

Nominal pressure: 1.6 MPa  
Nominal size: 10 mm to 200 mm  
Applicable medium: L02, LN2, LAr, LNG, LC2H4, etc  
Applicable temperature: 196 ~ + 80 °C  
Connection mode: flange  
Under the medium flow direction: the disc for high



主要外形和连接尺寸 Main external and connection dimension

| 产品代号         | 通径<br>DN<br>( mm ) | 主要连接尺寸Main connecting dimensions |      |     |     |     |     |       |    |   |     | 重量<br>(kg) |
|--------------|--------------------|----------------------------------|------|-----|-----|-----|-----|-------|----|---|-----|------------|
|              |                    | A                                | H1   | H2  | D   | D1  | D2  | Z-Φd  | b  | f | Do  |            |
| 222J10AB2A3  | 10                 | 130                              | 253  | 247 | 90  | 60  | 40  | 4-14  | 16 | 2 | 75  | 3.2        |
| 222J15AB2A3  | 15                 | 130                              | 268  | 260 | 95  | 65  | 45  | 4-14  | 16 | 2 | 75  | 3.8        |
| 222J20AB2A3  | 20                 | 150                              | 307  | 297 | 105 | 75  | 55  | 4-14  | 16 | 2 | 100 | 5.5        |
| 222J25AB2A3  | 25                 | 160                              | 323  | 310 | 115 | 85  | 65  | 4-14  | 16 | 2 | 100 | 5.9        |
| 222J32AB2A3  | 32                 | 180                              | 362  | 346 | 135 | 100 | 78  | 4-18  | 18 | 2 | 120 | 7.1        |
| 222J40AB2A3  | 40                 | 200                              | 380  | 360 | 145 | 110 | 85  | 4-18  | 18 | 2 | 120 | 11.2       |
| 222J50AB2A3  | 50                 | 230                              | 445  | 420 | 160 | 125 | 100 | 4-18  | 20 | 3 | 160 | 17.5       |
| 222J65AB2A3  | 65                 | 290                              | 473  | 440 | 180 | 145 | 120 | 8-18  | 20 | 3 | 200 | 18.4       |
| 222J80AB2A3  | 80                 | 310                              | 510  | 470 | 195 | 160 | 135 | 8-18  | 22 | 3 | 240 | 30.1       |
| 222J100AB2A3 | 100                | 350                              | 589  | 539 | 215 | 180 | 155 | 8-18  | 22 | 3 | 280 | 40.2       |
| 222J125AB2A3 | 125                | 400                              | 665  | 602 | 245 | 210 | 185 | 8-18  | 24 | 3 | 300 | 53.9       |
| 222J150AB2A3 | 150                | 480                              | 713  | 638 | 280 | 240 | 210 | 8-23  | 26 | 3 | 350 | 68.3       |
| 222J200AB2A3 | 200                | 600                              | 805  | 705 | 375 | 295 | 265 | 12-23 | 30 | 3 | 400 | 134.2      |
| 222J250AB2A3 | 250                | 650                              | 985  | 860 | 405 | 355 | 320 | 12-25 | 32 | 3 | 550 | 248.7      |
| 222J300AB2A3 | 300                | 750                              | 1080 | 930 | 460 | 410 | 370 | 12-25 | 34 | 4 | 650 | 334.5      |