

## 概述 Overi Vew

- 1、产品的设计制造符合美国国家标准ANSI B16.34, 美国BS1873等国外先进标准要求。
  - 2、阀体外形为桶形或流线形造型美观。流道形状为直通式。流体阻力小。
  - 3、关闭件(闸瓣)与阀座密封面采用锥面密封, 关闭力小, 耐冲刷, 密封可靠。
  - 4、阀座可为更换式阀座, 可任意组合与关闭件密封面材料的配对, 以满足工况的要求, 延长使用寿命。
  - 5、大口径、高压力截止阀根据关闭力的需要阀杆的传动方式采用升降杆, 并配有滚动轴承式采用撞击式手轮以减轻关闭力。
  - 6、主体材料, 内件材料、填料、垫片、紧固件的材料可按用户要求或实际工况条件合理组合。
- 1、Design and manufacture of product according to advanced standard such as ANSI B 16.34, BS 1873etc.
  - 2、Configuration of body as elegant bucket or streamline, through-way port with small liquid resistance.
  - 3、Blow-down part (disc) and facing of seat utilize awl seal, with small strength to blow down scour resistance seal credible.
  - 4、Exchangeble seat, random combine the material of srface of blow down part to meet the requirement of work status, prolong service life.
  - 5、Big size, high pressure globe valve accordance with need of blow up and down strength, driving style of stem use lift style, fix rolling bearing or use knock style hand wheel to reduce blow-down or blow-down-up strength.
  - 6、Material of main body, material of trims, packing, washer, material of fastener can logically combine according to customer's requirement or actual work status.

## 产品执行标准 Production enforce standard

| 设计与制造<br>Desing And<br>Manufacture | 结构长度<br>Face to face/<br>End to end | 法兰尺寸<br>Flange Dimension | 对焊连接尺寸<br>Butt welding<br>dimension | 压力~温度<br>Ptessure<br>Temperature Lating | 试验~检验<br>Inspection and test |
|------------------------------------|-------------------------------------|--------------------------|-------------------------------------|---|------------------------------|
| ASME B16.34、BS1873                 | ASME B16.10                         | ASME B16.5               | ASME B16.11                         | ASME B16.34                             | API 598                      |

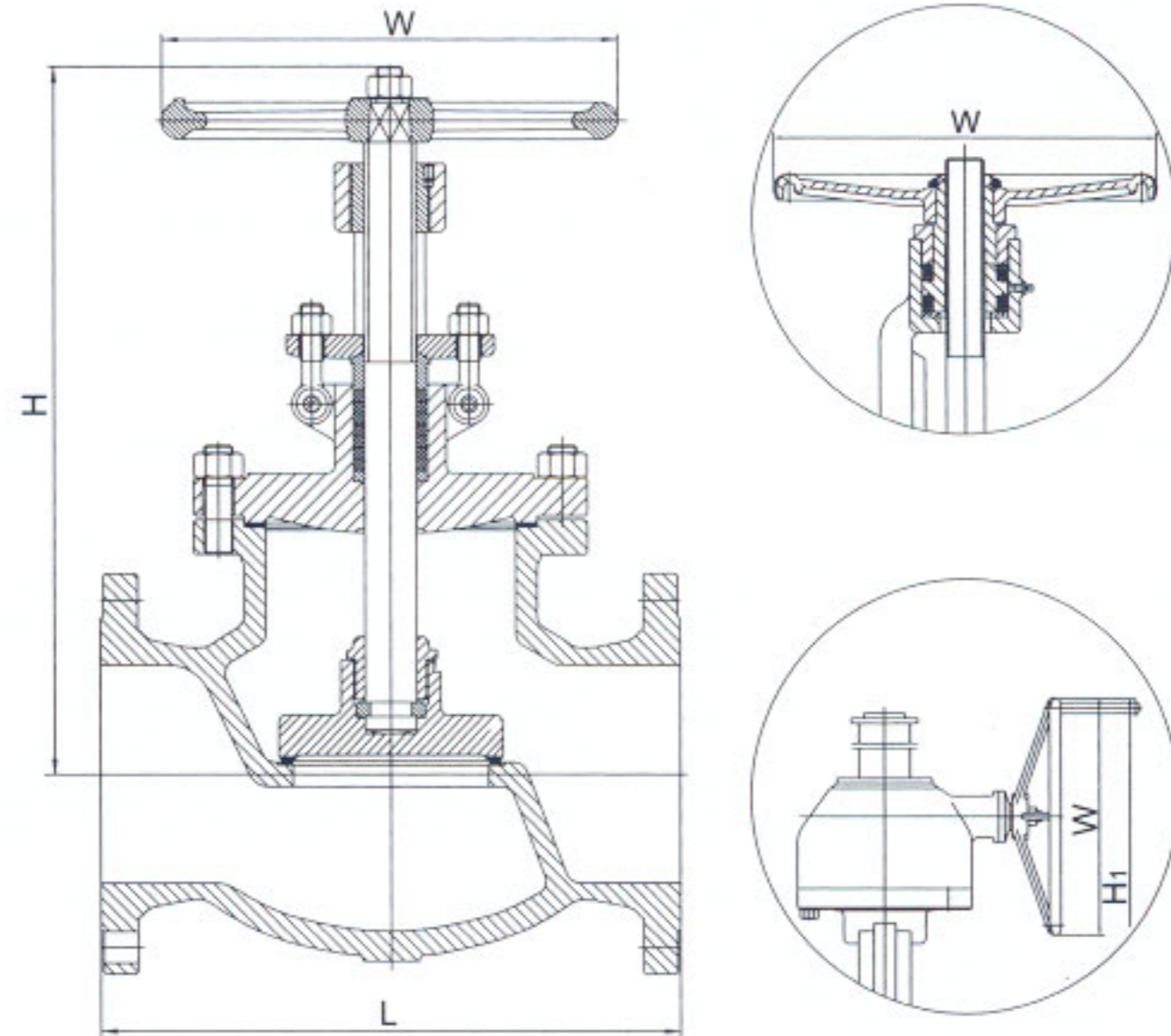
## 产品性能规范 Chief property and specification

| 公称压力 (Lb)<br>Nominal Pressore | 强度试验 Shell test |                     | 水密封试验 Water seal test |                     | 气密封试验 Air seal test |                     |
|-------------------------------|-----------------|---------------------|-----------------------|---------------------|---------------------|---------------------|
|                               | Mpa             | Lbf/in <sup>2</sup> | Mpa                   | Lbf/in <sup>2</sup> | Mpa                 | Lbf/in <sup>2</sup> |
| 150                           | 3.1             | 450                 | 2.2                   | 315                 | 0.5 ~ 0.7           | 60 ~ 100            |
| 300                           | 7.8             | 1125                | 5.6                   | 815                 |                     |                     |
| 600                           | 15.3            | 2225                | 11.2                  | 1630                |                     |                     |
| 900                           | 23.1            | 3350                | 16.8                  | 2240                |                     |                     |
| 1500                          | 38.4            | 5575                | 28.1                  | 4080                |                     |                     |

## 主要零件材料 Material for main parts

| 体、盖、瓣<br>Body Cover disc | 阀杆<br>Stem           | 密封面<br>Sealing Face  | 垫片(环)<br>Sealing shim  | 填料<br>Packing   | 工作温度(°C)<br>Working temperature | 适用介质<br>Suitable medium                            |
|--------------------------|----------------------|--|--|---|---------------------------------|--|
| WCB                      | 2Cr13                | 13Cr<br>STL<br>本体材料<br>With<br>bodymater rial<br>PTFE<br>尼龙<br>Nylon | 增强柔性石墨<br>13Cr/柔性石墨<br>Enhanced<br>Flexible<br>1Cr13/Flexible<br>graphite<br>SFB-2<br>08软钢<br>08Soft steel<br>F304<br>F316<br>F304L<br>F316L | 柔性石墨<br>增强柔性石墨<br>Flesible graphite<br>enhanced<br>flexible<br>graphite<br>SFB/260<br>SFP/260<br>PTFE | ≤425                            | 水、蒸气、油品<br>Water<br>Steam<br>Petroleum<br>Products |
| WC1                      | 38CrMoAl<br>25Cr2Mov |  |  |   | ≤450                            |  |
| WC6                      |                      |  |  |   | ≤540                            |  |
| WC9                      |                      |  |  |   | ≤570                            |  |
| C5 C12                   |                      |  |  |   | ≤540                            |  |
| CF8                      | F304                 |  |  |   | ≤600                            | 硝酸、醋酸、尿素<br>Nitric acid<br>Aceic acid              |
| CF3                      | F316                 |  |  |   |                                 |  |
| CF8M                     | F304L                |  |  |   |                                 |  |
| CF3M                     | F316L                |  |  |   |                                 |  |

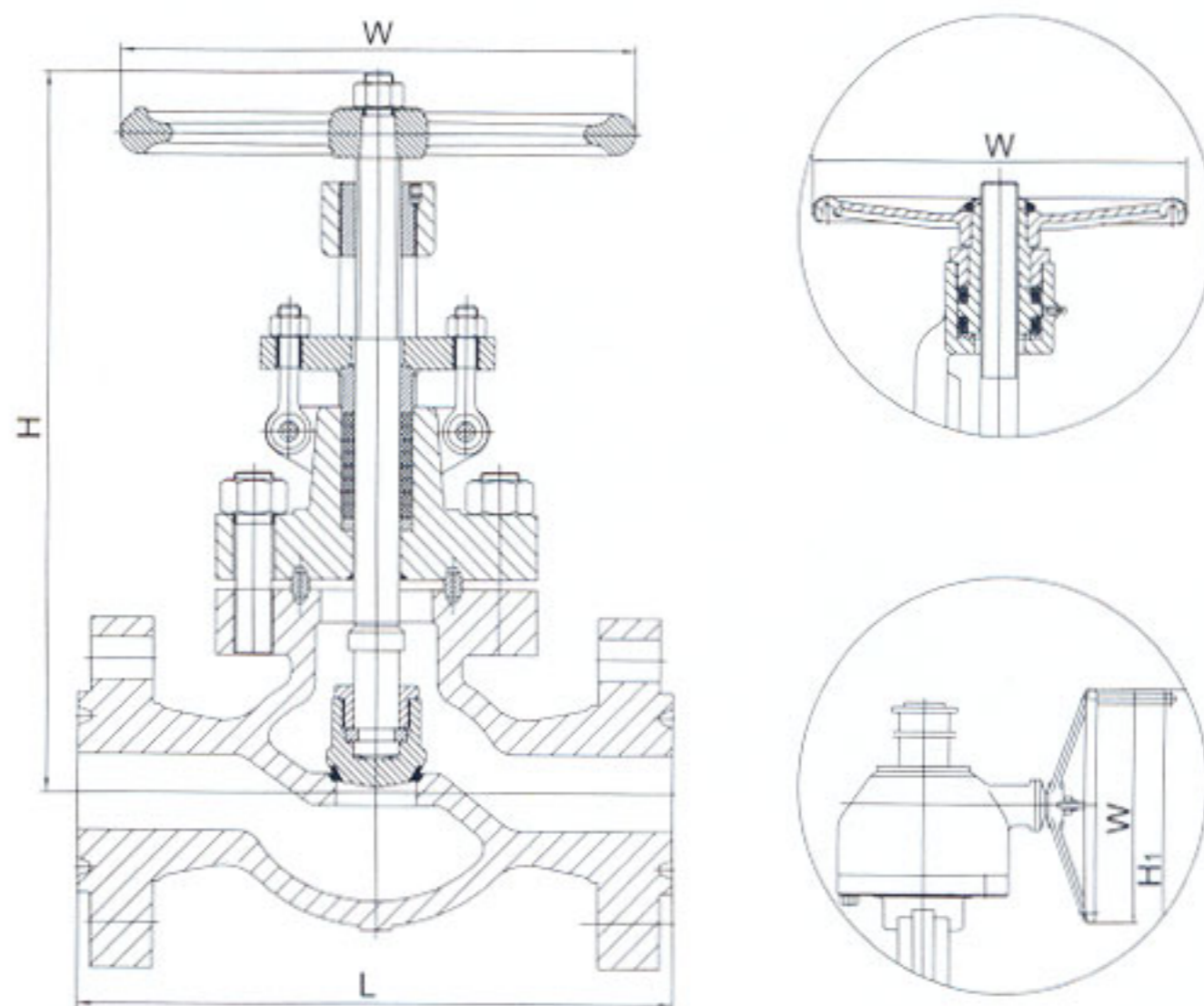




主要外形尺寸和重量 Main Dimensions & Weight

| 压力<br>CLASS | 规格 Size |       | 尺寸 Dimensions |       |       |      |                |      | 重量Weight (kg) |      | Cv值  |
|-------------|---------|-------|---------------|-------|-------|------|----------------|------|---------------|------|------|
|             | mm      | in.   | L(RF)         | L(BW) | L(RJ) | H    | H <sub>1</sub> | W    | RF            | BW   |      |
| 150         | 40      | 1-1/2 | 165           | 165   | 178   | 289  | -              | 200  | 14            | 11   | -    |
|             | 50      | 2     | 203           | 203   | 216   | 343  | -              | 200  | 23            | 19   | -    |
|             | 65      | 2-1/2 | 216           | 216   | 229   | 365  | -              | 250  | 32            | 25   | -    |
|             | 80      | 3     | 241           | 241   | 254   | 375  | -              | 250  | 38            | 31   | 100  |
|             | 100     | 4     | 292           | 292   | 305   | 448  | -              | 250  | 63            | 53   | 185  |
|             | 150     | 6     | 406           | 406   | 419   | 584  | -              | 350  | 108           | 90   | 440  |
|             | 200     | 8     | 495           | 495   | 508   | 660  | -              | 450  | 186           | 164  | 810  |
|             | 250     | 10    | 622           | 622   | 635   | 683  | -              | 450  | 271           | 239  | 1260 |
|             | 300     | 12    | 698           | 698   | 711   | 794  | -              | 610  | 374           | 326  | 1890 |
|             | 350     | 14    | 787           | 787   | 800   | 889  | -              | 610  | 610           | -    | 2441 |
|             | 400     | 16    | 914           | 914   | 927   | -    | 977            | 720  | 880           | -    | 3231 |
|             | 450     | 18    | 977           | 977   | -     | -    | 1066           | 720  | 1150          | -    | 4308 |
|             | 500     | 20    | 977           | 977   | -     | -    | 1117           | 720  | 1650          | -    | 5364 |
| 600         | 24      | 1295  | 1295          | -     | -     | 1295 | 850            | 2200 | -             | 7825 |      |
| 300         | 40      | 1-1/2 | 229           | 229   | 241   | 365  | -              | 200  | 27            | 21   | -    |
|             | 50      | 2     | 267           | 267   | 283   | 435  | -              | 200  | 36            | 30   | -    |
|             | 65      | 2-1/2 | 292           | 292   | 308   | 476  | -              | 250  | 47            | 39   | -    |
|             | 80      | 3     | 318           | 318   | 333   | 479  | -              | 250  | 62            | 50   | 100  |
|             | 100     | 4     | 365           | 365   | 371   | 581  | -              | 350  | 102           | 83   | 185  |
|             | 150     | 6     | 444           | 444   | 460   | 657  | -              | 450  | 176           | 146  | 440  |
|             | 200     | 8     | 559           | 559   | 575   | 724  | -              | 450  | 288           | 244  | 810  |
|             | 250     | 10    | 622           | 622   | 638   | 800  | -              | 860  | 571           | 505  | 1260 |
|             | 300     | 12    | 711           | 711   | 727   | 900  | -              | 860  | 770           | 669  | 1890 |
|             | 350     | 14    | 838           | 838   | -     | 1092 | -              | 860  | 876           | -    | 2441 |
|             | 400     | 16    | 863           | 863   | -     | -    | 1371           | 610  | 1200          | -    | 3235 |
|             | 450     | 18    | 977           | 977   | -     | -    | 1473           | 610  | 1600          | -    | 4183 |
|             | 500     | 20    | 1016          | 1016  | -     | -    | 1574           | 720  | 2100          | -    | 5226 |
| 600         | 24      | 1346  | 1346          | -     | -     | 1803 | 720            | 3150 | -             | 7657 |      |





主要外形尺寸和重量 Main Dimensions & Weight

| 压力<br>CLASS | 规格 Size |       | 阀门尺寸 Valve Main Dimensions |       |       |      |                |     | 重量 Weight (kg) |     | Cv   |
|-------------|---------|-------|----------------------------|-------|-------|------|----------------|-----|----------------|-----|------|
|             | mm      | in.   | L(RF)                      | L(BW) | L(RJ) | H    | H <sub>1</sub> | W   | RF             | BW  |      |
| 600         | 40      | 1-1/2 | 241                        | 241   | 241   | 425  | -              | 200 | 34             | 32  | -    |
|             | 50      | 2     | 292                        | 292   | 295   | 460  | -              | 250 | 52             | 44  | -    |
|             | 65      | 2-1/2 | 330                        | 330   | 333   | 505  | -              | 250 | 63             | 53  | -    |
|             | 80      | 3     | 356                        | 356   | 359   | 556  | -              | 350 | 87             | 75  | 100  |
|             | 100     | 4     | 432                        | 432   | 435   | 670  | -              | 450 | 144            | 123 | 185  |
|             | 150     | 6     | 559                        | 559   | 562   | 905  | -              | 610 | 355            | 298 | 440  |
|             | 200     | 8     | 660                        | 660   | 664   | 1060 | -              | 610 | 555            | 499 | 780  |
|             | 250     | 10    | 787                        | 787   | 791   | -    | 1219           | 610 | 875            | 793 | 1200 |
| 900         | 80      | 3     | 381                        | 381   | 384   | 635  | -              | 350 | 150            | 120 | 90   |
|             | 100     | 4     | 457                        | 457   | 460   | 774  | -              | 500 | 247            | 200 | 170  |
|             | 150     | 6     | 610                        | 610   | 613   | 1041 | -              | 500 | 410            | -   | 400  |
|             | 200     | 8     | 737                        | 737   | 740   | 1333 | -              | 610 | 790            | -   | 710  |
|             | 250     | 10    | 838                        | 838   | 841   | -    | 1625           | 610 | 1400           | -   | 1100 |
| 1500        | 80      | 3     | 470                        | 470   | 473   | 635  | -              | 350 | 122            | -   | 95   |
|             | 100     | 4     | 546                        | 546   | 549   | 736  | -              | 450 | 172            | -   | 170  |
|             | 150     | 6     | 705                        | 705   | 711   | 1092 | -              | 610 | 510            | -   | 395  |
|             | 200     | 8     | 832                        | 832   | 841   | -    | 1482           | 500 | 875            | -   | 695  |
|             | 250     | 10    | 991                        | 991   | 1000  | -    | 1549           | 610 | 1675           | -   | 1085 |