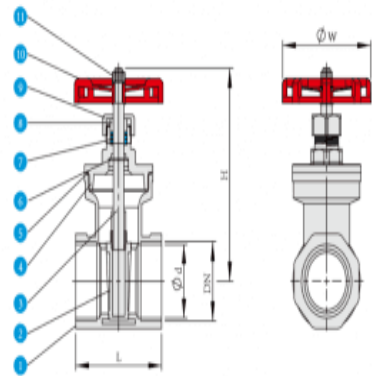


## TG-101 Gate Valve Screw End 200WOG



Products in Triround covers high, middle, low pressure valves with manual and pneumatic actuators, including flanged end ball valve, gate valve, globe valve, Y-strainer, check valve, silk buckled ball valve, quick coupler, sanitary valves and etc. We adopt standards like ANSI, API, JIS, BS, DIN, GB, HG and so on. They are widely applied in industries like petroleum, chemicals, nature gas, light industry, power supply, pharmacy, metallurgy, water supply, and etc.

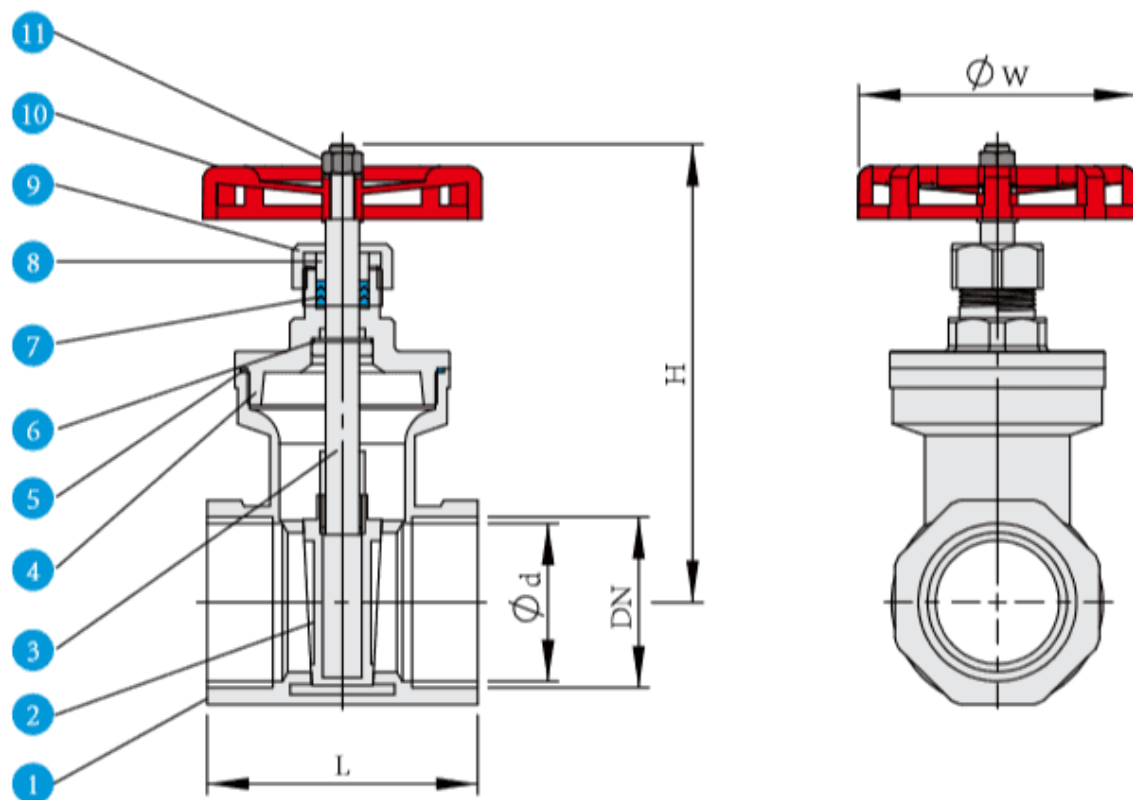
### PRODUCTS STANDARD

- Investment Casting Body 精密铸造阀体
- 200 WOG
- Metal to Metal Sealing 金属密封阀座
- Wheel Handle 手轮操作
- Casting Handle 铸造手柄
- Screw End

Standard: DIN2999/DIN259/BSP/NPT

ISO228-1/BS21/2779

- Design Acc: ASME B16.34 设计标准 : ASME B16.34
- Inspection & Testing Acc: API598 检测标准 : API598



| MATERIAL      |                   |          |       |
|---------------|-------------------|----------|-------|
| I T E M<br>NO | PART NAME         | MATERIAL |       |
| 1             | Body 阀体           | CF8M     | CF8   |
| 2             | Disc 闸板           | CF8M     | CF8   |
| 3             | Stem 阀杆           | SS316    | SS304 |
| 4             | Bonnet 压盖         | CF8M     | CF8   |
| 5             | Gasket 垫圈         | PTFE     |       |
| 6             | Gland 格兰          | SS316    | SS304 |
| 7             | Stem Packing 阀杆密封 | PTFE     |       |
| 8             | Gland 格兰          | SS316    | SS304 |
| 9             | Stop Cap 紧固盖      | CF8M     | CF8   |
| 10            | Handle 手轮         | Aluminum |       |
| 11            | Nut 螺母            | SS04     |       |

Unit:mm

| SIZE   |    | L  | d  | H   | W   |
|--------|----|----|----|-----|-----|
| NPS    | DN |    |    |     |     |
| 1/2"   | 15 | 55 | 15 | 99  | 70  |
| 3/4"   | 20 | 60 | 20 | 105 | 70  |
| 1"     | 25 | 66 | 25 | 115 | 80  |
| 1-1/4" | 32 | 76 | 32 | 130 | 90  |
| 1-1/2" | 40 | 80 | 40 | 147 | 90  |
| 2"     | 50 | 90 | 50 | 168 | 100 |

Chemical Compostions :

| 元素, %<br>(除给出范围外, 其<br>余均为最大含量 ) | CF3<br>CF3A<br>J92700 | CF8<br>CF8A<br>J92600 | CF3M<br>CF3MA<br>J92800 | CF8M<br>J92900    | CF3MN<br>J92804   | CF8C<br>J92710    | CF10<br>J92950    | CF10M<br>J92901   | CH8<br>J93400     | CH10<br>J93401    | CH20<br>J93402    | CK20<br>J94202    | HK30<br>J94203    | HK40<br>J94204    |
|----------------------------------|-----------------------|-----------------------|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 碳 (C)                            | 0.03                  | 0.08                  | 0.03                    | 0.08              | 0.03              | 0.08              | 0.04<br>-<br>0.10 | 0.04<br>-<br>0.10 | 0.08              | 0.04<br>-<br>0.10 | 0.04<br>-<br>0.20 | 0.04<br>-<br>0.20 | 0.25<br>-<br>0.35 | 0.35<br>-<br>0.45 |
| 锰 (Mn)                           | 1.50                  | 1.50                  | 1.50                    | 1.50              | 1.50              | 1.50              | 1.50              | 1.50              | 1.50              | 1.50              | 1.50              | 1.50              | 1.50              | 1.50              |
| 硅 (Si)                           | 2.00                  | 2.00                  | 1.50                    | 1.50              | 1.50              | 2.00              | 2.00              | 1.50              | 1.50              | 2.00              | 2.00              | 1.75              | 1.75              | 1.75              |
| 硫 (S)                            | 0.040                 | 0.040                 | 0.040                   | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             |
| 磷 (P)                            | 0.040                 | 0.040                 | 0.040                   | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             | 0.040             |
| 铬 (Cr)                           | 17.0<br>-<br>21.0     | 18.0<br>-<br>21.0     | 17.0<br>-<br>21.0       | 18.0<br>-<br>21.0 | 17.0<br>-<br>21.0 | 18.0<br>-<br>21.0 | 18.0<br>-<br>21.0 | 18.0<br>-<br>21.0 | 22.0<br>-<br>26.0 | 22.0<br>-<br>26.0 | 22.0<br>-<br>26.0 | 23.0<br>-<br>27.0 | 23.0<br>-<br>27.0 | 23.0<br>-<br>27.0 |
| 镍 (Ni)                           | 8.0<br>-<br>12.0      | 8.0<br>-<br>11.0      | 9.0<br>-<br>13.0        | 9.0<br>-<br>12.0  | 9.0<br>-<br>13.0  | 9.0<br>-<br>12.0  | 8.0<br>-<br>11.0  | 9.0<br>-<br>12.0  | 12.0<br>-<br>15.0 | 12.0<br>-<br>15.0 | 12.0<br>-<br>15.0 | 19.0<br>-<br>22.0 | 19.0<br>-<br>22.0 | 19.0<br>-<br>22.0 |
| 钼 (Mo)                           | 0.50                  | 0.50                  | 2.0<br>-<br>3.0         | 2.0<br>-<br>3.0   | 2.0<br>-<br>3.0   | 0.50              | 0.50              | 2.0<br>-<br>3.0   | 0.50              | 0.50              | 0.50              | 0.50              | 0.50              | 0.50              |

Tensile Requirements:

|                                                    | CF3<br>J92700 | CF3A<br>J92700 | CF8<br>J92600 | CF8A<br>J92600 | CF3M<br>J92800 | CF3MA<br>J92800 | CF8M<br>J92900 | CF3MN<br>J92804 | CF8C<br>J92710 | CF10<br>J92950 | CF10M<br>J92901 | CH8<br>J93400 | CH10<br>J93401 | CH20<br>J93402 | CK20<br>J94202 | HK30<br>J94203 | HK40<br>J94204 |
|----------------------------------------------------|---------------|----------------|---------------|----------------|----------------|-----------------|----------------|-----------------|----------------|----------------|-----------------|---------------|----------------|----------------|----------------|----------------|----------------|
| 抗拉强度, 最小<br>千磅/英寸 <sup>2</sup> (MPa)               | 70<br>(485)   | 77<br>(530)    | 70<br>(485)   | 77<br>(530)    | 70<br>(485)    | 80<br>(550)     | 70<br>(485)    | 75<br>(515)     | 70<br>(485)    | 70<br>(485)    | 70<br>(485)     | 65<br>(450)   | 70<br>(485)    | 70<br>(485)    | 65<br>(450)    | 65<br>(450)    | 62<br>(425)    |
| 屈服强度 <sup>A</sup> , 最小<br>千磅/英寸 <sup>2</sup> (MPa) | 30<br>(205)   | 35<br>(240)    | 30<br>(205)   | 35<br>(240)    | 30<br>(205)    | 37<br>(255)     | 30<br>(205)    | 37<br>(255)     | 30<br>(205)    | 30<br>(205)    | 30<br>(205)     | 28<br>(195)   | 30<br>(205)    | 30<br>(205)    | 28<br>(195)    | 35<br>(240)    | 35<br>(240)    |
| 延伸率, 2 英寸或<br>50mm 标距 <sup>B</sup><br>最小, %        | 35.0          | 35.0           | 35.0          | 35.0           | 30.0           | 30.0            | 30.0           | 35.0            | 30.0           | 35.0           | 30.0            | 30.0          | 30.0           | 30.0           | 30.0           | 10.0           | 10.0           |

HEAT TREATMENT-REQUIREMENTS:

| 钢牌号                                                                         | 最低温度   |        |
|-----------------------------------------------------------------------------|--------|--------|
|                                                                             | °F     | °C     |
| HK30, HK40, HT30, CT15C                                                     | 铸造状态供货 | 铸造状态供货 |
| CF3, CF3A, CF8, CF8A, CF3M<br>CF3MA, CF8M, CF3MN, CG3M, CF10<br>CF10M, CG8M | 1900   | 1040   |
| CF10SMnN, CF8C, CF10MC                                                      | 1950   | 1065   |
| CN7M, CG6MMN, CE8MN                                                         | 2050   | 1120   |
| CK3MCuN, CN3MN, CH8, CH10, CH20, CK20                                       | 2100   | 1150   |
| CE20N <sup>A</sup>                                                          | 2225   | 1220   |

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Chemical Composition Testing:



Packing:





For more informations , welcome to contact with us.

Product link : <https://www.triround-inox.com/tg-101-gate-valve-screw-end-200wog.html>