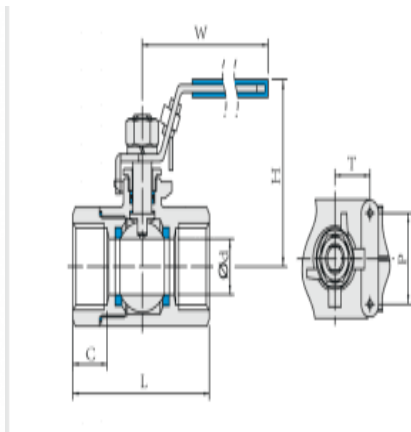


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## 2-PC BALL VALVE REDUCE PORT 2000WOG PN120



TYPE:TR-205

### PRODUCTS STANDARD

- Blow-Out Proof Stem 防爆阀杆
- Investment Casting Body 精密铸造阀体
- Reduce Port 缩径设计
- 2000PSI,PN120
- Pressure Blance Hole In Ball Solt 球槽减压孔
- All Kinds Of Thread Available 各种螺纹标准
- Locking Device Handle Available 手柄锁定装置选配
- Design Acc:ASME B16.34 设计标准：ANSI B16.34
- Thread Acc:ANSI B1.20.1 螺纹标准：ANSIB1.20.1

BS 21/2799

DIN 259/2999

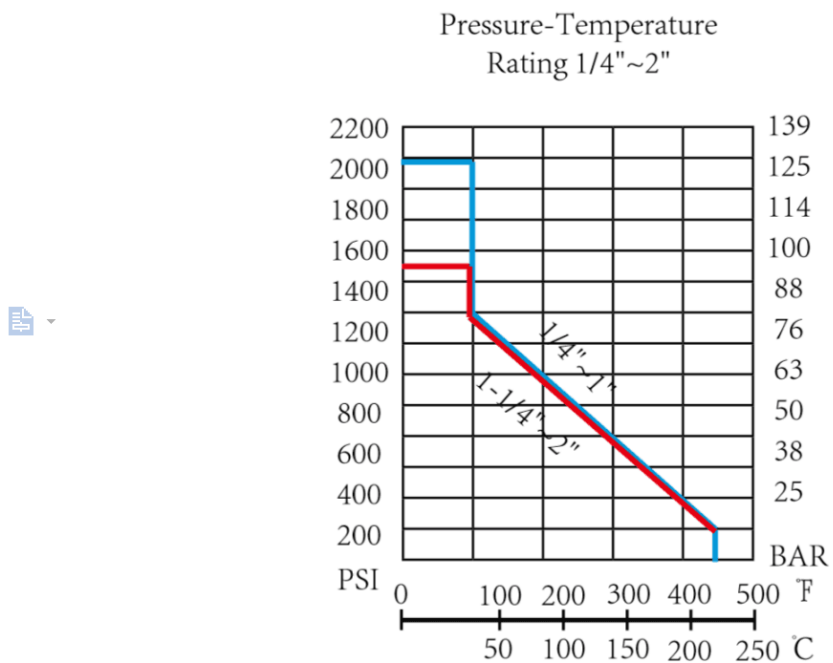
ISO 228

- Inspection & Testing Acc:API598 检测标准：API598

Specifications :

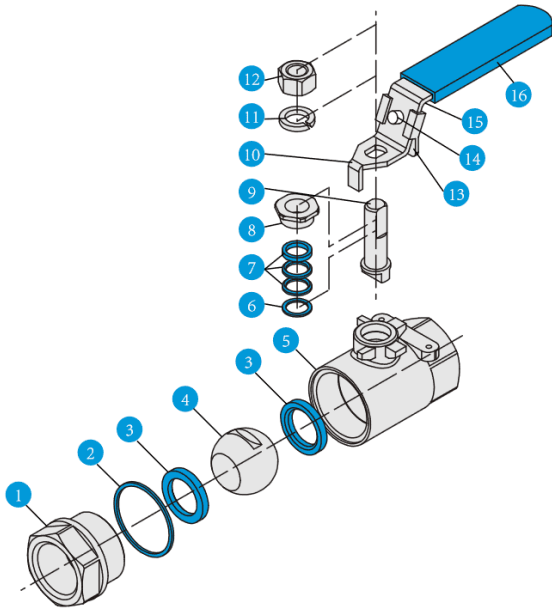
| SIZE   | $\phi$ d | L   | H   | T    | P    | W   | TORQUE<br>N.M | END                                    |
|--------|----------|-----|-----|------|------|-----|---------------|----------------------------------------|
| 1/4"   | 10.5     | 58  | 58  | 12.7 | 28.5 | 100 | 4             | BSP<br>BSPT<br>NPT<br>PT<br>DIN<br>... |
| 3/8"   | 10.5     | 58  | 58  | 12.7 | 28.5 | 100 | 4             |                                        |
| 1/2"   | 12       | 62  | 58  | 12.7 | 28.5 | 110 | 5             |                                        |
| 3/4"   | 15       | 70  | 62  | 22.4 | 36   | 130 | 7             |                                        |
| 1"     | 20       | 80  | 67  | 22.4 | 36   | 135 | 9             |                                        |
| 1-1/4" | 25       | 90  | 80  | 22.4 | 36   | 160 | 16            |                                        |
| 1-1/2" | 32       | 105 | 86  | 25.4 | 38.1 | 160 | 23            |                                        |
| 2"     | 38       | 115 | 102 | 25.4 | 38.1 | 180 | 26            |                                        |

### Pressure -Temperature Rating 1/4"~4"



### Part drawing

## PART DRAWING



| ITEM NO | PART NAME           | MATERIAL |     |        |
|---------|---------------------|----------|-----|--------|
| 1       | Cap 阀盖              | CF8M     | CF8 | WCB    |
| 2       | Body Gasket 垫圈      | PTFE     |     |        |
| 3       | Ball Seat 阀座        | PTFE     |     | R-PTFE |
| 4       | Ball 阀球             | SS316    |     | SS304  |
| 5       | Body 阀体             | CF8M     | CF8 | WCB    |
| 6       | Thrust Washer 垫圈    | PTFE     |     |        |
| 7       | Stem Packing 填料密封   | PTFE     |     |        |
| 8       | Stop Nut 止动螺母       | SS304    |     |        |
| 9       | Stem 阀杆             | SS316    |     | SS316  |
| 10      | Handle 手柄           | SS304    |     |        |
| 11      | Spring Washer 弹簧垫圈  | SS304    |     |        |
| 12      | Stem Nut 阀杆螺母       | SS304    |     |        |
| 13      | Locking Device 锁定装置 | SS301    |     |        |
| 14      | Pin 插销              | Plastic  |     |        |
| 15      | Handle 手柄           | SS04     |     |        |
| 16      | Handle Cover 手柄皮套   | Plastic  |     |        |

## Chemical Compositions :

| 元素, %<br>(除给出范围外, 其余均为最大含量) | 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   |

Here is one of workshops.



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Here is one of workshops.



Chemical Composition Check



Packing:



Wooden Box packaging



For more information, welcome to make an inquiry.

Product link : <https://www.triround-inox.com/2-pc-ball-valve-reduce-port-2000wog-pn120.html>