

# CHECK VALVE SERIES 止回阀系列

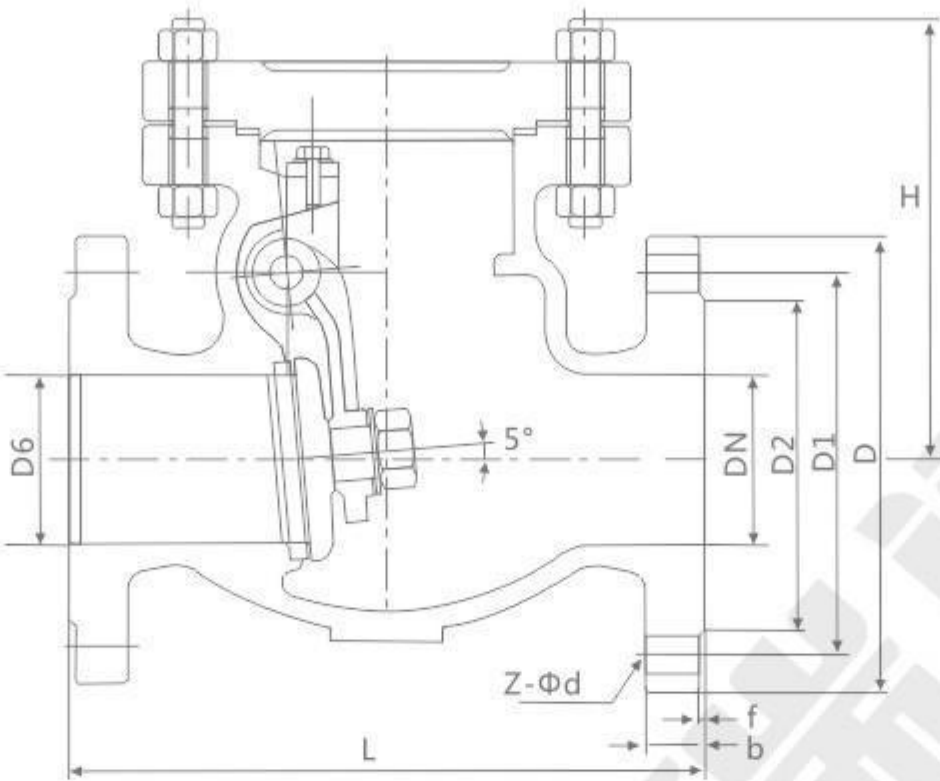


GB

SWING CHECK VALVE

国标旋启式止回阀

H44<sup>H</sup><sub>W</sub>-16C/P/R



标准  
设计与制造按GB/T12236  
结构长度按GB/T12221  
法兰连接尺寸按JB/T79  
检验按JB/T9092

Standards  
Design and manufacture as GB/T12236  
Face to face dimensions as GB/T12221  
End flange dimension as JB/T79  
Pressure test as JB/T9092

试验压力 Test Pressure

| 试验项目<br>Test Item                   |      | 壳体试验<br>Shell Test | 密封试验<br>Seal Test | 上密封试验<br>Back Seal Test | 气密封试验<br>Air Seal Test |
|-------------------------------------|------|--------------------|-------------------|-------------------------|------------------------|
| 介质 Medium                           |      | 水 Water            |                   |                         | 气 Air                  |
| 单位 Unit                             |      | MPa                | MPa               | MPa                     | MPa                    |
| 公称压力<br>Nominal Pressure<br>PN(MPa) | 1.6  | 2.4                | 1.8               | 1.8                     | 0.5~0.7                |
|                                     | 2.5  | 3.8                | 2.8               | 2.8                     |                        |
|                                     | 4.0  | 6.0                | 4.4               | 4.4                     |                        |
|                                     | 6.4  | 9.6                | 7.0               | 7.0                     |                        |
|                                     | 10.0 | 15.0               | 11.0              | 11.0                    |                        |
|                                     | 16.0 | 24.0               | 18.0              | 18.0                    |                        |

主要零件材料 Materials for Main Parts

| 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 |
| 垫片 Gasket         | PTFF                |     |      |      | 石墨 Graphite |     |     |     |    |
| 螺栓 Bolt           | 不锈钢 Stainless Steel |     |      |      | 35CrMoA     |     |     |     |    |
| 螺母 Nut            | 不锈钢 Stainless Steel |     |      |      | 45、35CrMoA  |     |     |     |    |

GB  
SWING CHECK VALVE  
国标旋启式止回阀

主要连接尺寸 Main Connection Dimensions

| 型号<br>Type        | 公称通径<br>DN(mm) | 尺寸 Dimension(mm) |     |     |     |     |      |        |     |
|-------------------|----------------|------------------|-----|-----|-----|-----|------|--------|-----|
|                   |                | L                | D   | D1  | D2  | D6  | b-f  | z-Φd   | H   |
| H<br>H44W-16<br>Y | 20             | 150              | 105 | 75  | 55  |     | 14-2 | 4-Φ14  | 100 |
|                   | 25             | 160              | 115 | 85  | 65  |     | 14-2 | 4-Φ14  | 100 |
|                   | 32             | 180              | 135 | 100 | 78  |     | 16-2 | 4-Φ18  | 105 |
|                   | 40             | 200              | 145 | 110 | 85  |     | 16-3 | 4-Φ18  | 115 |
|                   | 50             | 230              | 160 | 125 | 100 |     | 16-3 | 4-Φ18  | 135 |
|                   | 65             | 290              | 180 | 145 | 120 |     | 18-3 | 4-Φ18  | 140 |
|                   | 80             | 310              | 195 | 160 | 135 |     | 20-3 | 8-Φ18  | 145 |
|                   | 100            | 350              | 215 | 180 | 155 |     | 20-3 | 8-Φ18  | 165 |
|                   | 125            | 400              | 245 | 210 | 185 |     | 22-3 | 8-Φ18  | 250 |
|                   | 150            | 480              | 280 | 240 | 210 |     | 24-3 | 8-Φ23  | 295 |
|                   | 200            | 550              | 335 | 295 | 265 |     | 26-3 | 12-Φ23 | 315 |
|                   | 250            | 650              | 405 | 355 | 320 |     | 30-3 | 12-Φ25 | 430 |
|                   | 300            | 750              | 460 | 410 | 375 |     | 30-4 | 12-Φ25 | 480 |
|                   | 350            | 850              | 520 | 470 | 435 |     | 34-4 | 16-Φ25 | 500 |
|                   | 400            | 950              | 580 | 525 | 485 |     | 36-4 | 16-Φ30 | 520 |
|                   | 450            | 1050             | 640 | 585 | 545 |     | 40-4 | 20-Φ30 | 580 |
|                   | 500            | 1150             | 705 | 650 | 608 |     | 44-4 | 20-Φ34 | 630 |
|                   | 600            | 1350             | 840 | 770 | 718 |     | 48-5 | 20-Φ41 | 780 |
| H<br>H44W-25<br>Y | 20             | 150              | 105 | 75  | 55  |     | 16-2 | 4-Φ14  | 100 |
|                   | 25             | 160              | 115 | 85  | 65  |     | 16-2 | 4-Φ14  | 100 |
|                   | 32             | 180              | 135 | 100 | 78  |     | 18-2 | 4-Φ18  | 105 |
|                   | 40             | 200              | 145 | 110 | 85  |     | 18-3 | 4-Φ18  | 115 |
|                   | 50             | 230              | 160 | 125 | 100 |     | 20-3 | 4-Φ18  | 135 |
|                   | 65             | 290              | 180 | 145 | 120 |     | 22-3 | 8-Φ18  | 140 |
|                   | 80             | 310              | 195 | 160 | 135 |     | 22-3 | 8-Φ18  | 145 |
|                   | 100            | 350              | 230 | 190 | 160 |     | 24-3 | 8-Φ23  | 165 |
|                   | 125            | 400              | 270 | 220 | 188 |     | 28-3 | 8-Φ25  | 250 |
|                   | 150            | 480              | 300 | 250 | 218 |     | 30-3 | 8-Φ25  | 295 |
|                   | 200            | 550              | 360 | 310 | 278 |     | 34-3 | 12-Φ25 | 315 |
|                   | 250            | 650              | 425 | 370 | 332 |     | 36-3 | 12-Φ30 | 430 |
|                   | 300            | 750              | 485 | 430 | 390 |     | 40-4 | 16-Φ30 | 480 |
|                   | 350            | 850              | 550 | 490 | 448 |     | 44-4 | 16-Φ34 | 500 |
|                   | 400            | 950              | 610 | 550 | 505 |     | 48-4 | 16-Φ34 | 520 |
|                   | 450            | 1050             | 660 | 600 | 555 |     | 50-4 | 20-Φ34 | 580 |
|                   | 500            | 1150             | 730 | 660 | 610 |     | 52-4 | 20-Φ41 | 630 |
|                   | 600            | 1350             | 840 | 770 | 718 |     | 56-5 | 20-Φ41 | 780 |
| H<br>H44W-40<br>Y | 20             | 150              | 105 | 75  | 55  | 51  | 16-2 | 4-Φ14  | 100 |
|                   | 25             | 160              | 115 | 85  | 65  | 58  | 16-2 | 4-Φ14  | 100 |
|                   | 32             | 180              | 135 | 100 | 78  | 66  | 18-2 | 4-Φ18  | 105 |
|                   | 40             | 200              | 145 | 110 | 85  | 76  | 18-3 | 4-Φ18  | 115 |
|                   | 50             | 230              | 160 | 125 | 100 | 88  | 20-3 | 4-Φ18  | 135 |
|                   | 65             | 290              | 180 | 145 | 120 | 110 | 22-3 | 8-Φ18  | 140 |
|                   | 80             | 310              | 195 | 160 | 135 | 121 | 22-3 | 8-Φ18  | 145 |
|                   | 100            | 350              | 230 | 190 | 160 | 150 | 24-3 | 8-Φ23  | 165 |
|                   | 125            | 400              | 270 | 220 | 188 | 176 | 28-3 | 8-Φ25  | 250 |
|                   | 150            | 480              | 300 | 250 | 218 | 204 | 30-3 | 8-Φ25  | 295 |
|                   | 200            | 550              | 375 | 320 | 282 | 260 | 38-3 | 12-Φ30 | 315 |
|                   | 250            | 650              | 445 | 385 | 345 | 313 | 42-3 | 12-Φ34 | 430 |
|                   | 300            | 750              | 510 | 450 | 408 | 364 | 46-4 | 16-Φ34 | 480 |
|                   | 350            | 850              | 570 | 510 | 465 | 422 | 52-4 | 16-Φ34 | 500 |
|                   | 400            | 950              | 655 | 585 | 535 | 474 | 58-4 | 16-Φ41 | 520 |
|                   | 450            | 1050             | 680 | 610 | 560 | 524 | 60-4 | 20-Φ41 | 580 |
|                   | 500            | 1150             | 755 | 670 | 612 | 576 | 62-4 | 20-Φ48 | 630 |
|                   | 600            | 1350             | 890 | 795 | 730 | 678 | 62-5 | 20-Φ54 | 780 |

GB

SWING CHECK VALVE

国标旋启式止回阀

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

JB/T79.2

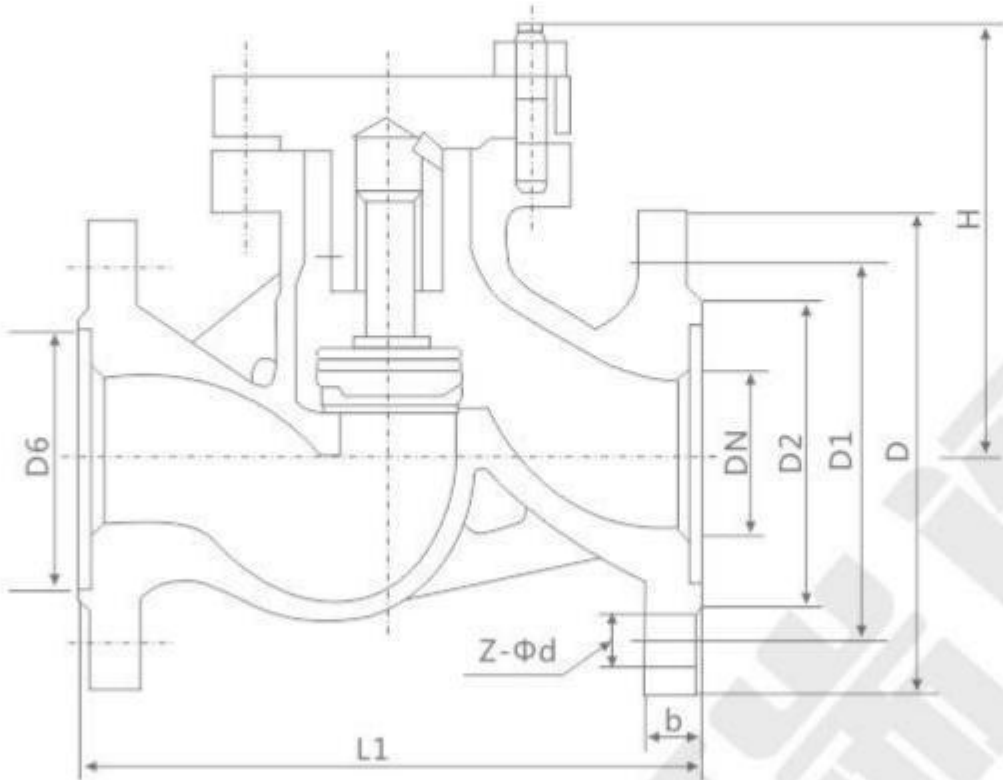
| 公称压力<br>PN(MPa) | 公称通径<br>DN(mm) | 尺寸Size(mm) |     |     |     |     |       |     |       |     | 重量<br>Weight<br>( Kg ) |
|-----------------|----------------|------------|-----|-----|-----|-----|-------|-----|-------|-----|------------------------|
|                 |                | L          | D   | D1  | D2  | D6  | b-f   | F2  | Z-Φd  | H   |                        |
| 6.3             | 50             | 300        | 175 | 135 | 105 | 88  | 26-3  | 4   | 4-23  | 192 | 30                     |
|                 | 65             | 340        | 200 | 160 | 130 | 110 | 28-3  | 4   | 8-23  | 207 | 41                     |
|                 | 80             | 380        | 210 | 170 | 140 | 121 | 30-3  | 4   | 8-23  | 207 | 48                     |
|                 | 100            | 430        | 250 | 200 | 168 | 150 | 32-3  | 4.5 | 8-25  | 235 | 72                     |
|                 | 125            | 500        | 295 | 240 | 202 | 176 | 36-3  | 4.5 | 8-30  | 265 | 108                    |
|                 | 150            | 550        | 340 | 280 | 240 | 204 | 38-3  | 4.5 | 8-34  | 297 | 155                    |
|                 | 200            | 650        | 405 | 345 | 300 | 260 | 44-3  | 4.5 | 12-34 | 357 | 217                    |
|                 | 250            | 775        | 470 | 400 | 352 | 313 | 48-3  | 4.5 | 12-41 | 405 | 341                    |
|                 | 300            | 900        | 530 | 460 | 412 | 364 | 54-4  | 4.5 | 16-41 | 465 | 472                    |
|                 | 350            | 1025       | 595 | 525 | 475 | 422 | 60-4  | 5   | 16-41 | 514 | 627                    |
|                 | 400            | 1150       | 670 | 585 | 525 | 474 | 66-4  | 5   | 16-48 | 568 | 882                    |
|                 | 500            | 1400       | 800 | 705 | 640 | 576 | 70-4  | 5   | 20-54 | 620 | 1027                   |
| 10.0            | 50             | 300        | 195 | 145 | 112 | 88  | 28-3  | 4   | 4-25  | 192 | 41                     |
|                 | 65             | 340        | 220 | 170 | 138 | 110 | 32-3  | 4   | 8-25  | 207 | 48                     |
|                 | 80             | 380        | 230 | 180 | 148 | 121 | 34-3  | 4   | 8-25  | 235 | 72                     |
|                 | 100            | 430        | 265 | 210 | 172 | 150 | 38-3  | 4.5 | 8-30  | 265 | 108                    |
|                 | 125            | 500        | 310 | 250 | 210 | 176 | 42-3  | 4.5 | 8-34  | 313 | 130                    |
|                 | 150            | 550        | 350 | 290 | 250 | 204 | 46-3  | 4.5 | 12-34 | 360 | 217                    |
|                 | 200            | 650        | 430 | 360 | 312 | 260 | 54-3  | 4.5 | 12-41 | 420 | 341                    |
|                 | 250            | 775        | 500 | 430 | 382 | 313 | 60-3  | 4.5 | 12-41 | 480 | 472                    |
|                 | 300            | 900        | 585 | 500 | 442 | 364 | 70-4  | 4.5 | 16-48 | 520 | 520                    |
|                 | 350            | 1025       | 655 | 560 | 498 | 422 | 76-4  | 5   | 16-54 | 584 | 830                    |
|                 | 400            | 1150       | 715 | 620 | 558 | 474 | 80-4  | 5   | 16-54 | 625 | 1060                   |
|                 |                |            |     |     |     |     |       |     |       |     |                        |
| 16.0            | 50             | 300        | 215 | 165 | 132 | 88  | 36-3  | 4   | 8-25  | 251 | 49                     |
|                 | 65             | 340        | 245 | 190 | 152 | 110 | 44-3  | 4   | 8-30  | 282 | 58                     |
|                 | 80             | 380        | 260 | 205 | 168 | 121 | 46-3  | 4   | 8-30  | 320 | 110                    |
|                 | 100            | 430        | 300 | 240 | 200 | 150 | 48-3  | 4.5 | 8-34  | 356 | 162                    |
|                 | 125            | 500        | 355 | 285 | 238 | 176 | 60-3  | 4.5 | 8-41  | 393 | 214                    |
|                 | 150            | 550        | 390 | 318 | 270 | 204 | 66-3  | 4.5 | 12-41 | 430 | 267                    |
|                 | 200            | 650        | 480 | 400 | 345 | 260 | 78-3  | 4.5 | 12-48 | 470 | 443                    |
|                 | 250            | 750        | 580 | 485 | 425 | 313 | 88-3  | 4.5 | 12-54 | 514 | 610                    |
|                 | 300            | 900        | 665 | 570 | 510 | 364 | 100-4 | 4.5 | 16-54 | 570 | 685                    |
|                 |                |            |     |     |     |     |       |     |       |     |                        |
| 25.0            | 50             | 368        | 210 | 160 | 128 | 70  | 40-3  | 5   | 8-25  | 310 | 63                     |
|                 | 65             | 419        | 260 | 203 | 165 | 97  | 48-3  | 5   | 8-30  | 346 | 78                     |
|                 | 80             | 470        | 290 | 230 | 190 | 116 | 54-3  | 5   | 8-34  | 385 | 140                    |
|                 | 100            | 546        | 360 | 292 | 245 | 138 | 66-3  | 6   | 8-41  | 406 | 210                    |
|                 | 125            | 673        | 385 | 318 | 270 | 170 | 76-3  | 6   | 12-41 | 534 | 280                    |
|                 | 150            | 705        | 440 | 360 | 305 | 190 | 82-3  | 66  | 12-45 | 560 | 347                    |
|                 | 200            | 832        | 535 | 440 | 380 | 245 | 92-3  | 6   | 12-51 | 318 | 575                    |
|                 | 250            | 991        | 670 | 572 | 508 | 319 | 110-3 | 6   | 16-55 | 673 | 790                    |

GB

LIFT CHECK VALVE

国标升降式止回阀

H41<sup>H</sup><sub>W</sub>-16C/P/R



**标准**  
设计与制造按GB/T12235  
结构长度按GB/T12221  
法兰连接尺寸按JB/T79  
检验按JB/T9092

**Standards**  
Design and manufacture as GB/T12235  
Face to face dimensions as GB/T12221  
End flange dimension as JB/T79  
Pressure test as JB/T9092

试验压力 Test Pressure

| 试验项目<br>Test Item                   |      | 壳体试验<br>Shell Test | 密封试验<br>Seal Test | 上密封试验<br>Back Seal Test | 气密封试验<br>Air Seal Test |
|-------------------------------------|------|--------------------|-------------------|-------------------------|------------------------|
| 介质 Medium                           |      | 水 Water            |                   |                         | 气 Air                  |
| 单位 Unit                             |      | MPa                | MPa               | MPa                     | MPa                    |
| 公称压力<br>Nominal Pressure<br>PN(MPa) | 1.6  | 2.4                | 1.8               | 1.8                     | 0.5~0.7                |
|                                     | 2.5  | 3.8                | 2.8               | 2.8                     |                        |
|                                     | 4.0  | 6.0                | 4.4               | 4.4                     |                        |
|                                     | 6.4  | 9.6                | 7.0               | 7.0                     |                        |
|                                     | 10.0 | 15.0               | 11.0              | 11.0                    |                        |
|                                     | 16.0 | 24.0               | 18.0              | 18.0                    |                        |

主要零件材料 Materials for Main Parts

| 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 |
| 垫片 Gasket         | PTFF                |     |      |      | 石墨 Graphite |     |     |     |    |
| 螺栓 Bolt           | 不锈钢 Stainless Steel |     |      |      | 35CrMoA     |     |     |     |    |
| 螺母 Nut            | 不锈钢 Stainless Steel |     |      |      | 45、 35CrMoA |     |     |     |    |

GB

LIFT CHECK VALVE

国标升降式止回阀

主要连接尺寸 Main Connection Dimensions

| 型号<br>Type        | 公称通径<br>DN(mm) | 尺寸 Dimension(mm) |     |     |     |     |      |     |        |     |
|-------------------|----------------|------------------|-----|-----|-----|-----|------|-----|--------|-----|
|                   |                | L                | D   | D1  | D2  | D6  | b-f  | f1  | z-Φd   | H   |
| H<br>H41W-16<br>Y | 15             | 130              | 95  | 65  | 45  |     | 14-2 |     | 4-Φ14  | 90  |
|                   | 20             | 150              | 105 | 75  | 55  |     | 14-2 |     | 4-Φ14  | 105 |
|                   | 25             | 160              | 115 | 85  | 65  |     | 14-2 |     | 4-Φ14  | 115 |
|                   | 32             | 180              | 135 | 100 | 78  |     | 16-2 |     | 4-Φ18  | 120 |
|                   | 40             | 200              | 145 | 110 | 85  |     | 16-3 |     | 4-Φ18  | 130 |
|                   | 50             | 230              | 160 | 125 | 100 |     | 16-3 |     | 4-Φ18  | 140 |
|                   | 65             | 290              | 180 | 145 | 120 |     | 18-3 |     | 4-Φ18  | 150 |
|                   | 80             | 310              | 195 | 160 | 135 |     | 20-3 |     | 8-Φ18  | 170 |
|                   | 100            | 350              | 215 | 180 | 155 |     | 20-3 |     | 8-Φ18  | 185 |
|                   | 125            | 400              | 245 | 210 | 185 |     | 22-3 |     | 8-Φ18  | 195 |
|                   | 150            | 480              | 280 | 240 | 210 |     | 24-3 |     | 8-Φ23  | 225 |
|                   | 200            | 600              | 335 | 295 | 265 |     | 26-3 |     | 12-Φ23 | 250 |
|                   | 250            | 650              | 405 | 355 | 320 |     | 30-3 |     | 12-Φ25 | 270 |
|                   | 300            | 750              | 460 | 410 | 375 |     | 30-3 |     | 12-Φ25 | 300 |
|                   |                |                  |     |     |     |     |      |     |        |     |
| H<br>H41W-25<br>Y | 15             | 130              | 95  | 65  | 45  |     | 16-2 |     | 4-Φ14  | 90  |
|                   | 20             | 150              | 105 | 75  | 55  |     | 16-2 |     | 4-Φ14  | 105 |
|                   | 25             | 160              | 115 | 85  | 65  |     | 16-2 |     | 4-Φ14  | 115 |
|                   | 32             | 180              | 135 | 100 | 78  |     | 18-2 |     | 4-Φ18  | 120 |
|                   | 40             | 200              | 145 | 110 | 85  |     | 18-3 |     | 4-Φ18  | 130 |
|                   | 50             | 230              | 160 | 125 | 100 |     | 20-3 |     | 4-Φ18  | 140 |
|                   | 65             | 290              | 180 | 145 | 120 |     | 22-3 |     | 8-Φ18  | 150 |
|                   | 80             | 310              | 195 | 160 | 135 |     | 22-3 |     | 8-Φ18  | 170 |
|                   | 100            | 350              | 230 | 190 | 160 |     | 24-3 |     | 8-Φ23  | 185 |
|                   | 125            | 400              | 270 | 220 | 188 |     | 28-3 |     | 8-Φ25  | 195 |
|                   | 150            | 480              | 300 | 250 | 218 |     | 30-3 |     | 8-Φ25  | 225 |
|                   | 200            | 600              | 360 | 310 | 278 |     | 34-3 |     | 12-Φ25 | 250 |
|                   | 250            | 650              | 425 | 370 | 335 |     | 36-3 |     | 12-Φ30 | 270 |
|                   | 300            | 750              | 485 | 430 | 390 |     | 40-4 |     | 16-Φ30 | 300 |
|                   |                |                  |     |     |     |     |      |     |        |     |
| H<br>H41W-40<br>Y | 25             | 160              | 115 | 85  | 65  | 58  | 16-2 | 4   | 4-Φ14  | 115 |
|                   | 32             | 180              | 135 | 100 | 78  | 66  | 18-2 | 4   | 4-Φ18  | 120 |
|                   | 40             | 200              | 145 | 110 | 85  | 76  | 18-3 | 4   | 4-Φ18  | 130 |
|                   | 50             | 230              | 160 | 125 | 100 | 88  | 20-3 | 4   | 4-Φ18  | 140 |
|                   | 65             | 290              | 180 | 145 | 120 | 110 | 22-3 | 4   | 8-Φ18  | 150 |
|                   | 80             | 310              | 195 | 160 | 135 | 121 | 22-3 | 4   | 8-Φ18  | 170 |
|                   | 100            | 350              | 230 | 190 | 160 | 150 | 24-3 | 4.5 | 8-Φ23  | 185 |
|                   | 125            | 400              | 270 | 220 | 188 | 176 | 28-3 | 4.5 | 8-Φ25  | 195 |
|                   | 150            | 480              | 300 | 250 | 218 | 204 | 30-3 | 4.5 | 8-Φ25  | 225 |
|                   | 200            | 600              | 375 | 320 | 282 | 260 | 38-3 | 4.5 | 12-Φ30 | 250 |
|                   |                |                  |     |     |     |     |      |     |        |     |
| H<br>H41W-64<br>Y | 15             | 170              | 105 | 75  | 55  | 40  | 18-2 | 4   | 4-Φ14  | 110 |
|                   | 20             | 190              | 125 | 90  | 68  | 51  | 20-2 | 4   | 4-Φ18  | 125 |
|                   | 25             | 210              | 135 | 100 | 78  | 58  | 22-2 | 4   | 4-Φ18  | 152 |
|                   | 32             | 230              | 150 | 110 | 82  | 66  | 24-2 | 4   | 4-Φ23  | 168 |
|                   | 40             | 260              | 165 | 125 | 95  | 76  | 24-3 | 4   | 4-Φ23  | 170 |
|                   | 50             | 300              | 175 | 135 | 105 | 88  | 26-3 | 4   | 4-Φ23  | 188 |
|                   | 65             | 340              | 200 | 160 | 130 | 110 | 28-3 | 4   | 8-Φ23  | 205 |
|                   | 80             | 380              | 210 | 170 | 140 | 121 | 30-3 | 4   | 8-Φ23  | 230 |
|                   | 100            | 430              | 250 | 200 | 168 | 150 | 32-3 | 4.5 | 8-Φ25  | 280 |
|                   | 125            | 500              | 295 | 240 | 202 | 176 | 36-3 | 4.5 | 8-Φ30  | 300 |
|                   | 150            | 550              | 340 | 280 | 240 | 204 | 38-3 | 4.5 | 8-Φ34  | 350 |
|                   | 200            | 650              | 405 | 345 | 300 | 260 | 44-3 | 4.5 | 12-Φ34 | 400 |
|                   |                |                  |     |     |     |     |      |     |        |     |
|                   |                |                  |     |     |     |     |      |     |        |     |

GB  
VERTICAL CHECK VALVE  
国标立式止回阀

16  
H42H-25C、P、R  
40

用途 Purpose

本阀门用于工业管道上作阻止介质逆流的装置。

性能规范 The performance specification

试验压力：公称压力（MPa）1.6/2.5/4.0；

壳体试验：2.4/3.8/6.0；

密封试验：1.8/2.8/4.4；

阀体材料：WCB(C)/CF8(P)/CF 8M (R)/WC6/WC9；

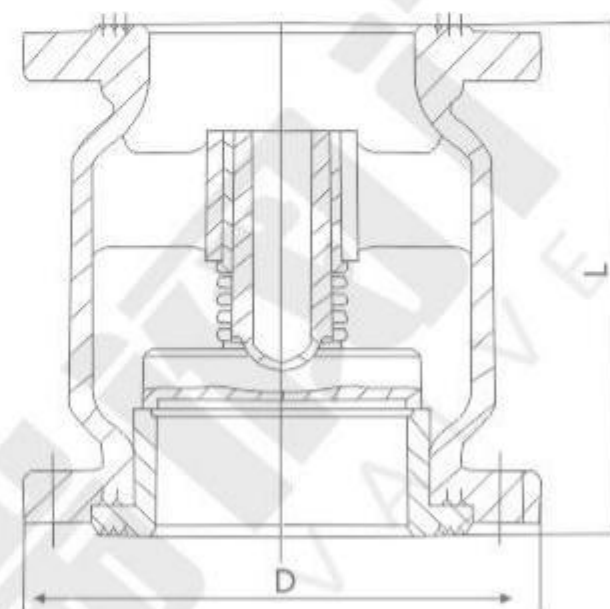
工作温度：≤425/≤100/≤100/≤550/≤550；

适用介质：水、蒸汽、油品、硝酸类、醋酸类、

执行标准：设计制造：GB12235 结构长度：GB12221

连接法兰：JB/T79-1994

试验与检验：JB/T9092-1999



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

H42H-16C、P、R

| 公称通径<br>DN(mm) | Dimension(mm) |     |     |     |      |        |
|----------------|---------------|-----|-----|-----|------|--------|
|                | L             | D   | D1  | D2  | b-f  | z-Φd   |
| 15             | 80            | 95  | 65  | 45  | 14-2 | 4-Φ14  |
| 20             | 95            | 105 | 75  | 55  | 14-2 | 4-Φ14  |
| 25             | 105           | 115 | 85  | 65  | 14-2 | 4-Φ14  |
| 32             | 150           | 135 | 100 | 78  | 16-2 | 4-Φ18  |
| 40             | 160           | 145 | 110 | 85  | 16-3 | 4-Φ18  |
| 50             | 170           | 160 | 125 | 100 | 16-3 | 4-Φ18  |
| 65             | 180           | 180 | 145 | 120 | 18-3 | 4-Φ18  |
| 80             | 200           | 195 | 160 | 135 | 20-3 | 8-Φ18  |
| 100            | 210           | 215 | 180 | 155 | 20-3 | 8-Φ18  |
| 125            | 275           | 245 | 210 | 185 | 22-3 | 8-Φ18  |
| 150            | 300           | 280 | 240 | 210 | 24-3 | 8-Φ23  |
| 200            | 380           | 335 | 295 | 265 | 26-3 | 12-Φ23 |
| 250            | 450           | 405 | 355 | 320 | 30-3 | 12-Φ25 |

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

H42H-25C、P、R

| 公称通径<br>DN(mm) | Dimension(mm) |     |     |     |      |        |
|----------------|---------------|-----|-----|-----|------|--------|
|                | L             | D   | D1  | D2  | b-f  | z-Φd   |
| 15             | 80            | 95  | 65  | 45  | 16-2 | 4-Φ14  |
| 20             | 95            | 105 | 75  | 55  | 16-2 | 4-Φ14  |
| 25             | 105           | 115 | 85  | 65  | 16-2 | 4-Φ14  |
| 32             | 150           | 135 | 100 | 78  | 18-2 | 4-Φ18  |
| 40             | 160           | 145 | 110 | 85  | 18-2 | 4-Φ18  |
| 50             | 170           | 160 | 125 | 100 | 20-3 | 4-Φ18  |
| 65             | 180           | 180 | 145 | 120 | 22-3 | 8-Φ18  |
| 80             | 200           | 195 | 160 | 135 | 22-3 | 8-Φ18  |
| 100            | 210           | 230 | 190 | 160 | 24-3 | 8-Φ23  |
| 125            | 275           | 270 | 220 | 188 | 28-3 | 8-Φ25  |
| 150            | 300           | 300 | 250 | 218 | 30-3 | 8-Φ25  |
| 200            | 380           | 360 | 310 | 278 | 34-3 | 12-Φ25 |
| 250            | 450           | 425 | 370 | 335 | 36-3 | 12-Φ30 |

API

SWING CHECK VALVE

美标旋启式止回阀

概述 Overview

我公司生产的美标止回阀，完全按照美国标准设计制造，结构美观、先进。美标止回阀是指依靠介质本身流动而自动开、闭阀瓣，用来防止介质倒流的阀门，又称逆止阀、单向阀、逆流阀。止回阀属于一种自动阀门，其主要作用是防止介质倒流、防止泵及驱动电动机反转，以及容器介质的泄放。

性能参数 Performance parameter

| 序号 | 项目名称                                                    | 项目名称                                                                         |         |         |         |          |          |
|----|---------------------------------------------------------|------------------------------------------------------------------------------|---------|---------|---------|----------|----------|
|    |                                                         | 150(Lb)                                                                      | 300(Lb) | 600(Lb) | 900(Lb) | 1500(Lb) | 2500(Lb) |
| 1  | 公称压力PN ( MPa)                                           | 2.0                                                                          | 5.0     | 10.0    | 15.0    | 25.0     | 42.0     |
| 2  | 壳体强度试验压力<br>Shell strength test pressure ( MPa )        | 常温下公称压力的1.5倍<br>1.5 Times the nominal pressure at room temperature           |         |         |         |          |          |
| 3  | 高压密封试验压力<br>High-pressure sealing test pressure ( MPa ) | 常温下工作压力的1.1倍<br>1.1Times the nominal pressure at room temperature            |         |         |         |          |          |
| 4  | 常温下工作压力Nominal pressure at room temperature ( MPa )     | 按ASME B16.34 压力温度额定值<br>According to ASME B16.34 pressure temperature rating |         |         |         |          |          |

产品规范 Product specification

| 设计标准<br>Design              | 结构长度<br>Structure Length | 法兰连接尺寸<br>Connection flange  | 试验与检验<br>Test and Inspection | 压力与温度基准<br>ASME B16.34 |
|-----------------------------|--------------------------|------------------------------|------------------------------|------------------------|
| BS1868/API6D<br>ASME B16.34 | ASME B16.10              | ASME B16.5<br>ASME B16.47A系列 | API 598/API 6D               | ASME B16.34            |

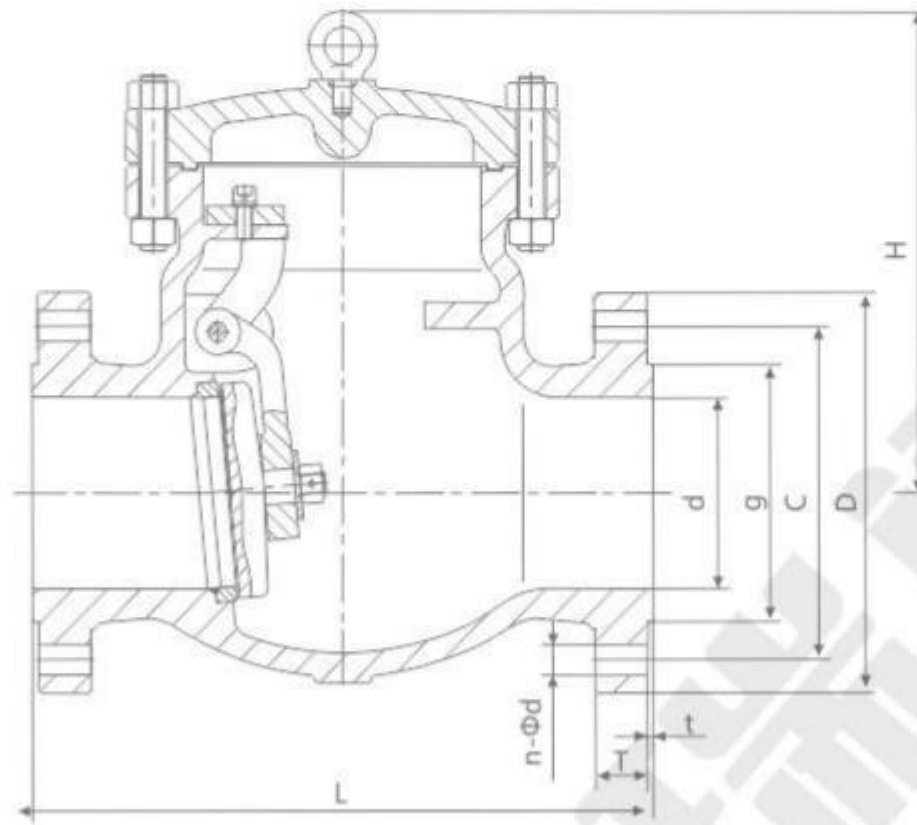
主要零件材料 Main components material

| 零件名称<br>Part Name | 材料名称 Material name |               |               |              |                 |                 |
|-------------------|--------------------|---------------|---------------|--------------|-----------------|-----------------|
| 阀体Body            | A216 WCB           | A217 WC6      | A351 CF8      | A351 CF8M    | A351 CF3        | A351 CF3M       |
| 阀盖Valve cover     | A216 WCB           | A217 WC6      | A351 CF8      | A351 CF8M    | A351 CF3        | A351 CF3M       |
| 阀板valve plate     | A216 WCB           | A217 WC6      | A351 Cf8      | A351 CF8M    | A351 CF3        | A351 CF3M       |
| 密封面sealing face   | 13Cr/STL           | STL           | 本体/STL        | 本体/STL       | 本体/STL          | 本体/STL          |
| 阀轴                | A182 F6a           | A182 F11      | A182 F304     | A182 F316    | A182 F304L      | A182 F316L      |
| 垫片                | 304+柔性石墨/软铁        | 304+柔性石墨/F304 | 304+柔性石墨/F304 | 316+柔性石墨F316 | 304L+柔性石墨/F304L | 316L+柔性石墨/F316L |
| 螺栓                | A193 B7            | A193 B16      | A193 B8       | A193 B8M     | A193 B8         | A193 B8M        |
| 螺母                | A194 2H            | A194 4        | A194 8        | A194 8M      | A194 8          | A194 8M         |
| 使用温度              | -29~425℃           | -29~540℃      | -46~425℃      | -46~425℃     | -46~425℃        | -46~425℃        |
| 适用介质              | 水、蒸汽、油品等           | 水、蒸汽等         | 硝酸类弱腐蚀介质      | 硝酸类弱腐蚀介质     | 硝酸类弱腐蚀介质        | 硝酸类弱腐蚀介质        |

# API SWING CHECK VALVE

## 美标旋启式止回阀

H44<sup>H</sup><sub>W</sub>-150Lb<sup>Y</sup>



主要尺寸 Dimensions of Flanged end

| 公称压力<br>Nominal pressure | Dimensions(mm) |     |      |     |       |     |    |     |     |       |
|--------------------------|----------------|-----|------|-----|-------|-----|----|-----|-----|-------|
|                          | in             | d   | L    | D   | C     | g   | T  | t   | H   | n-Φ   |
| Class<br>150Lb           | 1/2"           | 15  | 108  | 89  | 60.5  | 35  | 12 | 1.6 | -   | 4-15  |
|                          | 3/4"           | 20  | 117  | 98  | 70.0  | 43  | 12 | 1.6 | -   | 4-15  |
|                          | 1"             | 25  | 127  | 108 | 79.5  | 51  | 12 | 1.6 | -   | 4-15  |
|                          | 1-1/4"         | 32  | 140  | 117 | 89    | 64  | 13 | 1.6 | -   | 4-15  |
|                          | 1-1/2"         | 40  | 165  | 127 | 98.5  | 73  | 15 | 1.6 | -   | 4-15  |
|                          | 2"             | 50  | 203  | 152 | 120.5 | 92  | 16 | 1.6 | 161 | 4-19  |
|                          | 2-1/2"         | 65  | 216  | 178 | 139.5 | 105 | 18 | 1.6 | 180 | 4-19  |
|                          | 3"             | 80  | 241  | 190 | 152.5 | 127 | 19 | 1.6 | 190 | 4-19  |
|                          | 4"             | 100 | 292  | 229 | 190.5 | 157 | 24 | 1.6 | 203 | 8-19  |
|                          | 5"             | 125 | 330  | 254 | 216   | 186 | 24 | 1.6 | 229 | 8-22  |
|                          | 6"             | 150 | 356  | 279 | 241.5 | 216 | 26 | 1.6 | 257 | 8-22  |
|                          | 8"             | 200 | 495  | 343 | 298.5 | 270 | 29 | 1.6 | 292 | 8-22  |
|                          | 10"            | 250 | 622  | 406 | 362   | 324 | 31 | 1.6 | 355 | 12-25 |
|                          | 12"            | 300 | 698  | 483 | 432   | 381 | 32 | 1.6 | 396 | 12-25 |
|                          | 14"            | 350 | 787  | 533 | 476   | 413 | 35 | 1.6 | 445 | 12-29 |
|                          | 16"            | 400 | 864  | 597 | 540   | 470 | 37 | 1.6 | 490 | 16-29 |
|                          | 18"            | 450 | 978  | 635 | 578   | 533 | 40 | 1.6 | 520 | 16-32 |
|                          | 20"            | 500 | 978  | 698 | 635   | 584 | 43 | 1.6 | 546 | 20-32 |
|                          | 24"            | 600 | 1295 | 813 | 749.5 | 692 | 49 | 1.6 | 880 | 20-35 |
|                          | 26"            | 650 | 1295 | 786 | 744.5 | 711 | 41 | 1.6 | 910 | 36-22 |
|                          | 28"            | 700 | 1448 | 837 | 795.5 | 762 | 44 | 1.6 | 935 | 40-22 |
|                          | 30"            | 750 | 1524 | 887 | 846.0 | 813 | 44 | 1.6 | 970 | 44-22 |

# API SWING CHECK VALVE

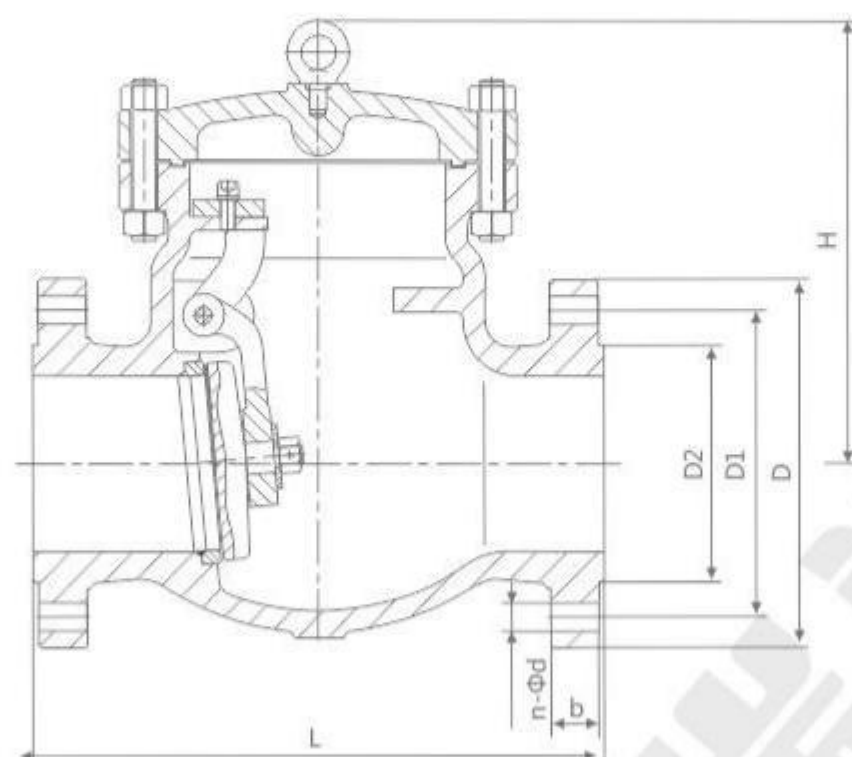
## 美标旋启式止回阀

主要尺寸 Dimensions of Flanged end

| 公称压力<br>Nominal pressure | Dimensions(mm) |     |      |     |       |     |    |     |     |       |
|--------------------------|----------------|-----|------|-----|-------|-----|----|-----|-----|-------|
|                          | in             | d   | L    | D   | C     | g   | T  | t   | H   | n-Φ   |
| Class<br>300Lb           | 1/2"           | 15  | 152  | 95  | 66.5  | 35  | 15 | 1.6 | -   | 4-15  |
|                          | 3/4"           | 20  | 178  | 117 | 82.5  | 43  | 16 | 1.6 | -   | 4-19  |
|                          | 1"             | 25  | 203  | 124 | 89    | 51  | 18 | 1.6 | -   | 4-19  |
|                          | 1-1/4"         | 32  | 216  | 133 | 98.5  | 63  | 19 | 1.6 | -   | 4-19  |
|                          | 1-1/2"         | 40  | 229  | 156 | 114.5 | 73  | 21 | 1.6 | -   | 4-22  |
|                          | 2"             | 50  | 267  | 165 | 127   | 92  | 22 | 1.6 | 178 | 8-19  |
|                          | 2-1/2"         | 65  | 292  | 190 | 149   | 105 | 25 | 1.6 | 190 | 8-22  |
|                          | 3"             | 80  | 318  | 210 | 168   | 127 | 29 | 1.6 | 216 | 8-22  |
|                          | 4"             | 100 | 356  | 254 | 200   | 157 | 32 | 1.6 | 241 | 8-22  |
|                          | 5"             | 125 | 400  | 279 | 235   | 186 | 35 | 1.6 | 267 | 8-22  |
|                          | 6"             | 150 | 444  | 318 | 270   | 216 | 37 | 1.6 | 305 | 12-22 |
|                          | 8"             | 200 | 533  | 381 | 330   | 270 | 41 | 1.6 | 368 | 12-25 |
|                          | 10"            | 250 | 622  | 444 | 387.5 | 324 | 48 | 1.6 | 394 | 16-29 |
|                          | 12"            | 300 | 711  | 521 | 451   | 381 | 51 | 1.6 | 445 | 16-32 |
|                          | 14"            | 350 | 838  | 584 | 514.5 | 413 | 54 | 1.6 | 470 | 20-32 |
|                          | 16"            | 400 | 864  | 648 | 571.5 | 470 | 57 | 1.6 | 533 | 20-35 |
|                          | 18"            | 450 | 978  | 711 | 628.5 | 533 | 60 | 1.6 | 584 | 24-35 |
|                          | 20"            | 500 | 1016 | 775 | 686   | 584 | 64 | 1.6 | 610 | 24-35 |
|                          | 24"            | 600 | 1346 | 914 | 813   | 692 | 70 | 1.6 | 900 | 24-41 |
| Class<br>600Lb           | 2"             | 50  | 292  | 165 | 127   | 92  | 33 | 6.4 | 203 | 8-19  |
|                          | 2-1/2"         | 65  | 330  | 190 | 149   | 105 | 36 | 6.4 | 229 | 8-22  |
|                          | 3"             | 80  | 356  | 210 | 168   | 127 | 39 | 6.4 | 235 | 8-22  |
|                          | 4"             | 100 | 432  | 273 | 216   | 157 | 45 | 6.4 | 286 | 8-25  |
|                          | 5"             | 125 | 508  | 330 | 266.5 | 186 | 52 | 6.4 | 292 | 8-29  |
|                          | 6"             | 150 | 559  | 356 | 292   | 216 | 55 | 6.4 | 330 | 12-29 |
|                          | 8"             | 200 | 660  | 419 | 349   | 270 | 63 | 6.4 | 381 | 12-32 |
|                          | 10"            | 250 | 787  | 508 | 432   | 324 | 71 | 6.4 | 457 | 16-35 |
|                          | 12"            | 300 | 838  | 559 | 489   | 381 | 74 | 6.4 | 584 | 20-35 |
|                          | 14"            | 350 | 889  | 603 | 527   | 413 | 77 | 6.4 | 635 | 20-38 |
|                          | 16"            | 400 | 991  | 686 | 603   | 470 | 84 | 6.4 | 684 | 20-41 |
|                          | 18"            | 450 | 1092 | 743 | 654   | 533 | 90 | 6.4 | 752 | 20-44 |
|                          | 20"            | 500 | 1194 | 813 | 724   | 584 | 96 | 6.4 | 975 | 24-44 |

# JIS SWING CHECK VALVE

## 日标旋启式止回阀



### 产品规范 Product specification

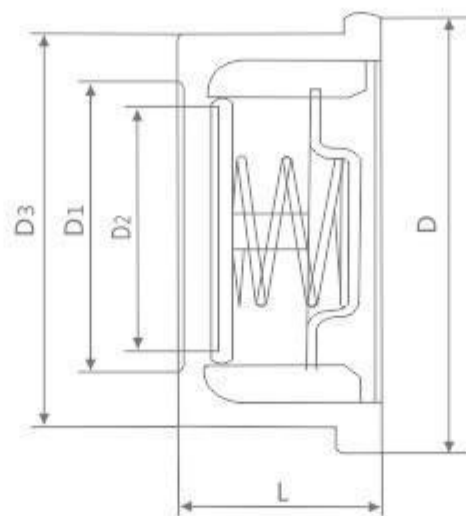
| 设计标准<br>Design  | 结构长度<br>Structure Length | 法兰连接尺寸<br>Connection flange | 压力-温度<br>Pressure-temperature | 试验与检验<br>Test and Inspection |
|-----------------|--------------------------|-----------------------------|-------------------------------|------------------------------|
| JIS B2074 B2084 | JIS B2002                | JIS B2212 B2214             | JIS B2074 B2084               | JIS B2003                    |

### 主要尺寸 Dimensions of Flanged end

| DN  |        | 10K |     |     |     |    |       |     |
|-----|--------|-----|-----|-----|-----|----|-------|-----|
| mm  | in     | L   | D   | D1  | D2  | b  | n-Φd  | H   |
| 50  | 2"     | 203 | 155 | 120 | 100 | 16 | 4-19  | 165 |
| 65  | 2 1/2" | 216 | 175 | 140 | 120 | 18 | 4-19  | 175 |
| 80  | 3"     | 241 | 185 | 150 | 130 | 18 | 8-19  | 190 |
| 100 | 4"     | 292 | 210 | 175 | 155 | 18 | 8-19  | 215 |
| 150 | 6"     | 406 | 280 | 240 | 215 | 22 | 8-23  | 265 |
| 200 | 8"     | 495 | 330 | 290 | 265 | 22 | 12-23 | 320 |
| 250 | 10"    | 622 | 400 | 355 | 325 | 24 | 12-25 | 365 |
| 300 | 12"    | 698 | 445 | 400 | 370 | 24 | 16-25 | 415 |
| 350 | 14"    | 787 | 490 | 445 | 415 | 26 | 16-25 | 460 |

CLAMP TYPE  
STAINLESS STEEL CHECK VALVE

H71 型对夹式不锈钢止回阀

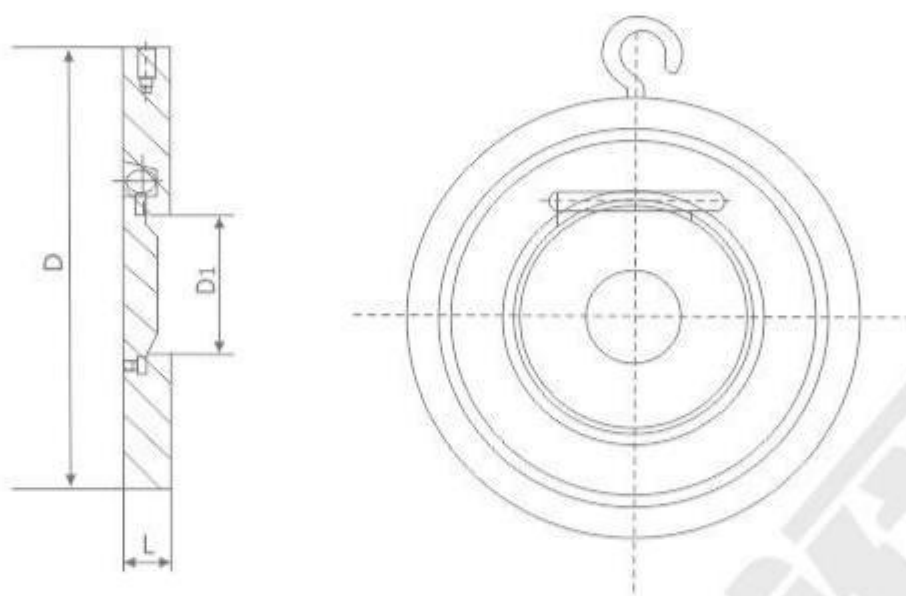


主要尺寸及重量 Main dimensions and weight

| 公称压力<br>PN(MPa) | 公称通径<br>DN(mm) | 尺寸(mm) |     |     | 重量(kg) | 配管法兰 (供参考)     |      |       |        |
|-----------------|----------------|--------|-----|-----|--------|----------------|------|-------|--------|
|                 |                | L      | d   | A   |        | 螺栓孔中心<br>圆直径D1 | 螺栓数量 | 螺栓直径D | 螺栓长度L1 |
| 1.0<br>1.6      | 15             | 16     | 45  | 18  | 0.12   | 65             | 4    | M12   | 75     |
|                 | 20             | 19     | 55  | 25  | 0.24   | 75             | 4    | M12   | 90     |
|                 | 25             | 22     | 65  | 32  | 0.34   | 85             | 4    | M12   | 90     |
|                 | 32             | 28     | 78  | 38  | 0.53   | 100            | 4    | M16   | 100    |
|                 | 40             | 32     | 85  | 45  | 0.80   | 110            | 4    | M16   | 105    |
|                 | 50             | 40     | 100 | 57  | 1.2    | 125            | 4    | M16   | 125    |
|                 | 65             | 46     | 120 | 73  | 2.2    | 145            | 4    | M16   | 130    |
|                 | 80             | 50     | 135 | 89  | 3.1    | 160            | 8    | M16   | 135    |
|                 | 100            | 60     | 155 | 108 | 5.7    | 180            | 8    | M16   | 150    |
|                 | 125            | 90     | 185 | 133 | 10     | 210            | 8    | M16   | 180    |
|                 | 150            | 106    | 210 | 159 | 14     | 240            | 8    | M20   | 210    |
|                 | 200            | 140    | 265 | 219 | 24     | 295            | 12   | M20   | 240    |
|                 | 250            | 160    | 320 | 273 | 35     | 355            | 12   | M20   | 260    |
| 2.5             | 15             | 16     | 45  | 18  | 0.12   | 65             | 4    | M12   | 80     |
|                 | 20             | 19     | 55  | 25  | 0.24   | 75             | 4    | M12   | 90     |
|                 | 25             | 22     | 65  | 32  | 0.34   | 85             | 4    | M12   | 90     |
|                 | 32             | 28     | 78  | 38  | 0.53   | 100            | 4    | M16   | 110    |
|                 | 40             | 32     | 85  | 45  | 0.80   | 110            | 4    | M16   | 115    |
|                 | 50             | 40     | 100 | 57  | 1.2    | 125            | 4    | M16   | 125    |
|                 | 65             | 46     | 120 | 73  | 2.2    | 145            | 8    | M16   | 135    |
|                 | 80             | 50     | 135 | 89  | 3.1    | 160            | 8    | M16   | 145    |
|                 | 100            | 60     | 160 | 108 | 7.0    | 190            | 8    | M20   | 160    |
|                 | 125            | 90     | 188 | 133 | 12     | 220            | 8    | M22   | 205    |
|                 | 150            | 106    | 218 | 159 | 15     | 250            | 8    | M22   | 225    |
|                 | 200            | 140    | 278 | 219 | 26     | 310            | 12   | M22   | 260    |
|                 | 250            | 160    | 332 | 273 | 40     | 370            | 12   | M27   | 280    |
| 4.0             | 15             | 16     | 45  | 18  | 15     | 65             | 4    | M12   | 80     |
|                 | 20             | 19     | 55  | 25  | 19     | 75             | 4    | M12   | 90     |
|                 | 25             | 22     | 65  | 32  | 24     | 85             | 4    | M12   | 90     |
|                 | 32             | 28     | 78  | 38  | 31     | 100            | 4    | M16   | 110    |
|                 | 40             | 32     | 85  | 45  | 39     | 110            | 4    | M16   | 115    |
|                 | 50             | 40     | 100 | 57  | 48     | 125            | 4    | M16   | 125    |
|                 | 65             | 46     | 120 | 73  | 63     | 145            | 8    | M16   | 135    |
|                 | 80             | 50     | 135 | 89  | 78     | 160            | 8    | M16   | 145    |
|                 | 100            | 60     | 160 | 108 | 98     | 190            | 8    | M20   | 160    |
|                 | 125            | 90     | 188 | 133 | 123    | 220            | 8    | M22   | 205    |
|                 | 150            | 106    | 218 | 159 | 148    | 250            | 8    | M22   | 225    |
|                 | 200            | 140    | 282 | 219 | 248    | 320            | 12   | M27   | 275    |
|                 | 250            | 160    | 345 | 273 | 198    | 385            | 12   | M30   | 295    |

# CLAMP TYPE STAINLESS STEEL CHECK VALVE

## H74型对夹式不锈钢止回阀

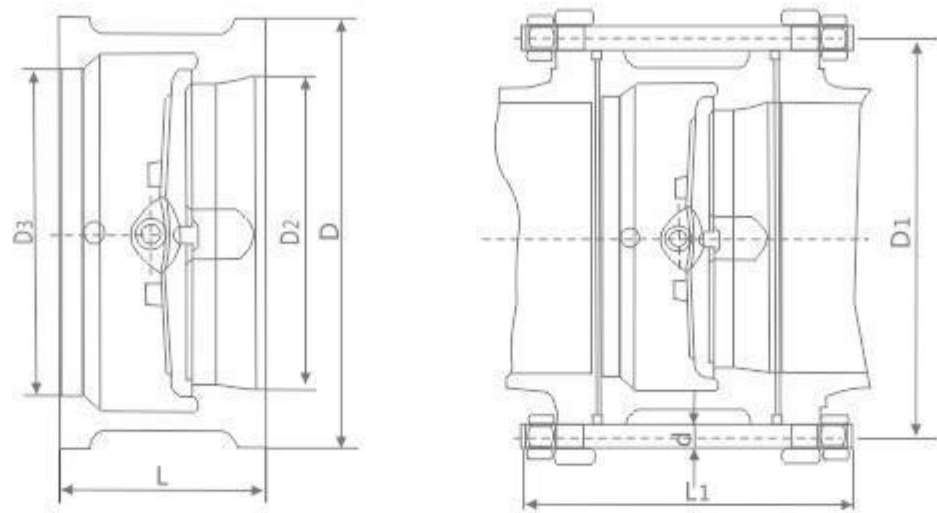


主要尺寸及重量 Main dimensions and weight

| 公称压力PN(MPa) | 公称通径DN(mm) | 尺寸 (mm) |     |      | 配管法兰 (供参考) |      |       |
|-------------|------------|---------|-----|------|------------|------|-------|
|             |            | L       | d   | D1   | 螺栓孔中心圆直径D1 | 螺栓数量 | 螺栓直径D |
| 1.0         | 50         | 14.5    | 100 | 25   | 125        | 4    | M16   |
|             | 60         | 14.5    | 120 | 38   | 145        | 4    | M16   |
|             | 80         | 14.5    | 135 | 46   | 160        | 4    | M16   |
|             | 100        | 14.5    | 155 | 71.5 | 180        | 8    | M16   |
|             | 125        | 16      | 185 | 95   | 210        | 8    | M16   |
|             | 150        | 19      | 210 | 114  | 240        | 8    | M20   |
|             | 200        | 29      | 265 | 140  | 295        | 8    | M20   |
|             | 250        | 29      | 320 | 188  | 350        | 12   | M20   |
|             | 300        | 38      | 368 | 216  | 400        | 12   | M20   |
|             | 350        | 41      | 428 | 263  | 460        | 16   | M20   |
|             | 400        | 51      | 482 | 305  | 515        | 16   | M24   |
|             | 450        | 51      | 532 | 356  | 565        | 20   | M24   |
|             | 500        | 65      | 585 | 406  | 620        | 20   | M24   |
|             | 600        | 70      | 685 | 482  | 725        | 20   | M27   |
| 1.6         | 50         | 14.5    | 100 | 25   | 125        | 4    | M16   |
|             | 60         | 14.5    | 120 | 38   | 145        | 4    | M16   |
|             | 80         | 14.5    | 135 | 46   | 160        | 8    | M16   |
|             | 100        | 14.5    | 155 | 71.5 | 180        | 8    | M16   |
|             | 125        | 16      | 185 | 95   | 210        | 8    | M16   |
|             | 150        | 19      | 210 | 114  | 240        | 8    | M20   |
|             | 200        | 29      | 265 | 140  | 295        | 12   | M20   |
|             | 250        | 29      | 320 | 188  | 355        | 12   | M24   |
|             | 300        | 38      | 375 | 216  | 410        | 12   | M24   |
|             | 350        | 41      | 435 | 263  | 470        | 16   | M24   |
|             | 400        | 51      | 485 | 305  | 525        | 16   | M27   |
|             | 450        | 51      | 545 | 356  | 585        | 20   | M27   |
|             | 500        | 65      | 608 | 406  | 650        | 20   | M30   |
|             | 600        | 70      | 718 | 482  | 770        | 20   | M33   |
| 2.5         | 50         | 14.5    | 100 | 25   | 125        | 4    | M16   |
|             | 60         | 14.5    | 120 | 38   | 145        | 8    | M16   |
|             | 80         | 14.5    | 135 | 46   | 160        | 8    | M16   |
|             | 100        | 14.5    | 160 | 71.5 | 190        | 8    | M20   |
|             | 125        | 16      | 188 | 95   | 220        | 8    | M24   |
|             | 150        | 19      | 218 | 114  | 250        | 8    | M24   |
|             | 200        | 29      | 278 | 140  | 310        | 12   | M24   |
|             | 250        | 29      | 332 | 188  | 370        | 12   | M27   |
|             | 300        | 38      | 390 | 216  | 430        | 16   | M27   |
|             | 350        | 41      | 448 | 263  | 490        | 16   | M30   |
|             | 400        | 51      | 505 | 305  | 550        | 16   | M33   |
|             | 450        | 51      | 555 | 356  | 600        | 20   | M33   |
|             | 500        | 65      | 610 | 406  | 660        | 20   | M33   |
|             | 600        | 70      | 718 | 482  | 770        | 20   | M36   |
| 4.0         | 50         | 14.5    | 100 | 51   | 125        | 4    | M16   |
|             | 60         | 14.5    | 120 | 65   | 145        | 8    | M16   |
|             | 80         | 14.5    | 135 | 80   | 160        | 8    | M16   |
|             | 100        | 14.5    | 160 | 105  | 190        | 8    | M20   |
|             | 125        | 16      | 188 | 127  | 220        | 8    | M24   |
|             | 150        | 19      | 218 | 152  | 250        | 8    | M24   |
|             | 200        | 29      | 282 | 203  | 320        | 12   | M27   |
|             | 250        | 29      | 345 | 254  | 385        | 12   | M30   |
|             | 300        | 38      | 408 | 305  | 405        | 16   | M30   |
|             | 350        | 41      | 465 | 350  | 510        | 16   | M33   |
|             | 400        | 51      | 535 | 400  | 585        | 16   | M36   |
|             | 450        | 51      | 560 | 450  | 610        | 20   | M36   |
|             | 500        | 65      | 612 | 500  | 670        | 20   | M39   |
|             | 600        | 70      | 750 | 600  | 795        | 20   | M45   |

CLAMP TYPE  
STAINLESS STEEL CHECK VALVE

H76型对夹式不锈钢止回阀

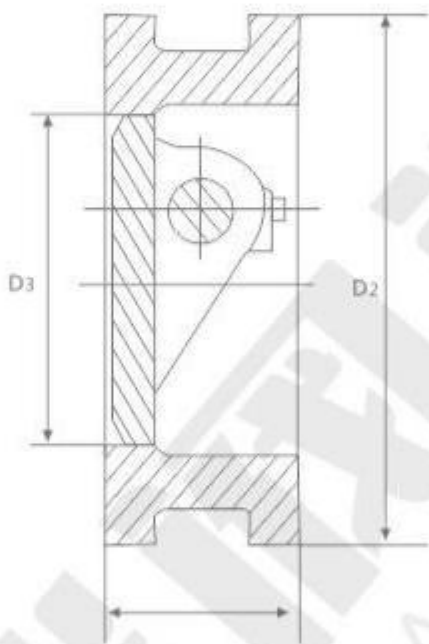
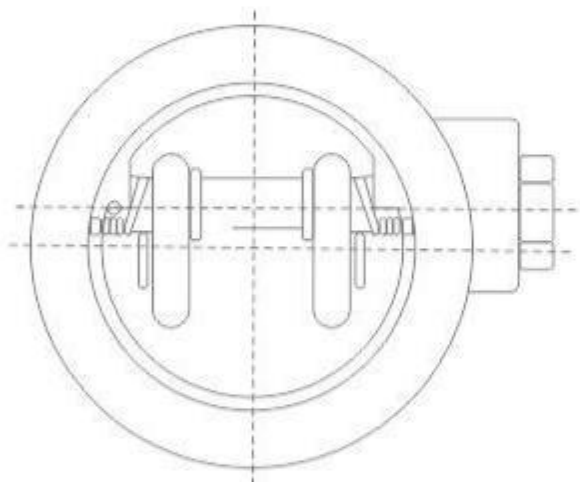


主要尺寸及重量 Main dimensions and weight

| 公称压力<br>PN(MPa) | 公称通径<br>DN(mm) | 尺寸 ( mm ) |      |      |      | 重量(kg) | 配管法兰 ( 供参考 ) |      |       |        |
|-----------------|----------------|-----------|------|------|------|--------|--------------|------|-------|--------|
|                 |                | L         | d    | D3   | D2   |        | 螺栓孔中心圆直径D1   | 螺栓数量 | 螺栓直径D | 螺栓长度L1 |
| 10              | 40             | 60        | 96   | 46   | 41   | 2      | 110          | 4    | M16   | 150    |
|                 | 50             | 60        | 109  | 56   | 51   | 2      | 125          | 4    | M16   | 150    |
|                 | 65             | 67        | 129  | 73   | 65   | 3      | 145          | 4    | M16   | 155    |
|                 | 80             | 73        | 144  | 88   | 80   | 4      | 160          | 8    | M16   | 160    |
|                 | 100            | 73        | 164  | 108  | 102  | 6      | 180          | 8    | M16   | 165    |
|                 | 125            | 83        | 194  | 132  | 127  | 8      | 210          | 8    | M16   | 180    |
|                 | 150            | 98        | 220  | 160  | 152  | 12     | 240          | 8    | M20   | 205    |
|                 | 200            | 127       | 275  | 210  | 203  | 24     | 295          | 8    | M20   | 235    |
|                 | 250            | 146       | 330  | 266  | 254  | 35     | 350          | 12   | M20   | 255    |
|                 | 300            | 181       | 380  | 310  | 305  | 48     | 400          | 12   | M20   | 290    |
|                 | 350            | 184       | 440  | 355  | 350  | 78     | 460          | 16   | M20   | 295    |
|                 | 400            | 198       | 493  | 405  | 400  | 106    | 515          | 16   | M24   | 310    |
|                 | 450            | 203       | 543  | 455  | 450  | 135    | 565          | 20   | M24   | 325    |
|                 | 500            | 219       | 598  | 505  | 500  | 165    | 620          | 20   | M24   | 345    |
|                 | 600            | 222       | 698  | 605  | 600  | 260    | 725          | 20   | M24   | 355    |
|                 | 700            | 305       | 811  | 700  | 695  | 360    | 840          | 24   | M27   | 440    |
|                 | 800            | 305       | 918  | 800  | 796  | 540    | 950          | 24   | M30   | 450    |
| 1.6             | 900            | 368       | 1018 | 903  | 898  | 620    | 1050         | 28   | M30   | 520    |
|                 | 1000           | 432       | 1124 | 1055 | 1050 | 880    | 1160         | 28   | M33   | 590    |
|                 | 1200           | 524       | 1340 | 1205 | 1200 | 1380   | 1380         | 32   | M36   | 695    |
|                 | 40             | 60        | 96   | 46   | 41   | 2      | 110          | 4    | M16   | 150    |
|                 | 50             | 60        | 109  | 56   | 51   | 2      | 125          | 4    | M16   | 150    |
|                 | 65             | 67        | 129  | 73   | 65   | 3      | 145          | 4    | M16   | 155    |
|                 | 80             | 73        | 144  | 88   | 80   | 4      | 160          | 8    | M16   | 160    |
|                 | 100            | 73        | 164  | 108  | 102  | 6      | 180          | 8    | M16   | 165    |
|                 | 125            | 83        | 194  | 132  | 127  | 8      | 210          | 8    | M16   | 180    |
|                 | 150            | 98        | 220  | 160  | 152  | 13     | 240          | 8    | M20   | 205    |
|                 | 200            | 127       | 275  | 210  | 203  | 24     | 295          | 12   | M20   | 235    |
|                 | 250            | 146       | 333  | 266  | 254  | 37     | 355          | 12   | M24   | 265    |
|                 | 300            | 181       | 288  | 310  | 305  | 50     | 410          | 12   | M24   | 305    |
|                 | 350            | 184       | 448  | 355  | 350  | 80     | 470          | 16   | M24   | 310    |
|                 | 400            | 198       | 498  | 405  | 400  | 110    | 525          | 16   | M27   | 330    |
|                 | 450            | 203       | 558  | 455  | 450  | 145    | 585          | 20   | M27   | 345    |
|                 | 500            | 219       | 630  | 505  | 500  | 180    | 650          | 20   | M30   | 370    |
| 2.5             | 600            | 222       | 734  | 605  | 600  | 280    | 770          | 20   | M33   | 380    |
|                 | 700            | 305       | 802  | 700  | 695  | 380    | 840          | 24   | M33   | 470    |
|                 | 800            | 305       | 912  | 800  | 796  | 560    | 950          | 24   | M36   | 475    |
|                 | 900            | 368       | 1012 | 903  | 898  | 640    | 1050         | 28   | M36   | 545    |
|                 | 1000           | 432       | 1126 | 1055 | 1050 | 900    | 1170         | 28   | M39   | 620    |
|                 | 1200           | 524       | 1340 | 1205 | 1200 | 1400   | 1390         | 32   | M45   | 735    |
|                 | 40             | 60        | 96   | 46   | 41   | 2      | 110          | 4    | M16   | 150    |
|                 | 50             | 60        | 109  | 56   | 51   | 2      | 125          | 4    | M16   | 150    |
|                 | 65             | 67        | 129  | 73   | 65   | 3      | 145          | 4    | M16   | 160    |
|                 | 80             | 73        | 144  | 88   | 80   | 4      | 160          | 8    | M16   | 170    |
|                 | 100            | 73        | 170  | 108  | 102  | 6      | 190          | 8    | M20   | 180    |
|                 | 125            | 83        | 198  | 132  | 127  | 8      | 220          | 8    | M24   | 205    |
|                 | 150            | 98        | 228  | 160  | 152  | 14     | 250          | 8    | M24   | 220    |
|                 | 200            | 127       | 288  | 210  | 203  | 27     | 310          | 12   | M24   | 255    |
|                 | 250            | 146       | 343  | 266  | 254  | 42     | 370          | 12   | M27   | 285    |
|                 | 300            | 181       | 403  | 310  | 305  | 54     | 430          | 12   | M27   | 325    |
|                 | 350            | 184       | 460  | 355  | 350  | 86     | 490          | 16   | M30   | 340    |
|                 | 400            | 198       | 520  | 405  | 400  | 120    | 550          | 16   | M33   | 360    |
|                 | 450            | 203       | 565  | 455  | 450  | 150    | 600          | 20   | M33   | 375    |
|                 | 500            | 219       | 622  | 505  | 500  | 200    | 660          | 20   | M33   | 395    |
|                 | 600            | 222       | 732  | 605  | 600  | 340    | 770          | 20   | M36   | 410    |
|                 | 700            | 305       | 831  | 700  | 695  | 400    | 875          | 24   | M39   | 500    |
|                 | 800            | 305       | 942  | 800  | 796  | 580    | 990          | 24   | M45   | 520    |
|                 | 900            | 368       | 1040 | 903  | 898  | 660    | 1090         | 28   | M45   | 590    |
|                 | 1000           | 432       | 1155 | 1055 | 1050 | 960    | 1210         | 28   | M52   | 675    |
|                 | 1200           | 524       | 1365 | 1205 | 1200 | 1440   | 1420         | 32   | M52   | 790    |

CLAMP CHECK VALVE

H77X/H对夹式止回阀



主要技术参数 Main technique parameter

| 型号<br>Model                  | 公称压力<br>PN(MPa) | 试验压力PS(MPa)                                                        |                                                                    | 工作温度<br>Working temperature<br>(℃)                         | 适用介质<br>Applicable medium                         |
|------------------------------|-----------------|--------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------|
|                              |                 | 壳体Case                                                             | 密封Seal                                                             |                                                            |                                                   |
| H77X<br>H77H<br>H77Y<br>H77W | 1.0             | 常温下公称压力的1.5倍<br>1.5 Times the nominal pressure at room temperature | 常温下公称压力的1.1倍<br>1.1 Times the nominal pressure at room temperature | 软密封：< 80<br>硬密封：< 450<br>Soft seal: <80<br>Hard seal: <450 | 水、气体、油品、硝酸等<br>Water, gas, oil, nitric acid, etc. |
|                              | 1.6             |                                                                    |                                                                    |                                                            |                                                   |
|                              | 2.5             |                                                                    |                                                                    |                                                            |                                                   |
|                              | 4.0             |                                                                    |                                                                    |                                                            |                                                   |
|                              | 6.4             |                                                                    |                                                                    |                                                            |                                                   |

主要零件材料 Main parts material

| 零件名称<br>Part name   | 材料Material       |                                       |                                       |                   |                    |
|---------------------|------------------|---------------------------------------|---------------------------------------|-------------------|--------------------|
|                     | H77X-10C、2516、40 | H77H-16C、4025、64                      | H77Y-25140I 64I                       | H77W-16C、2525C、40 | H7W-10P、25P16P、40P |
| 阀体、蝶板Body, disc     | 铸钢Cast steel WCB |                                       | 铬钼钢<br>Cr-Mo steel                    | 铸钢Cast steel WCB  | 0Cr18Ni90          |
| 阀杆Stem              | 2Cr13            | 0Cr18Ni9                              |                                       | 2Cr13             |                    |
| 阀体密封圈Body Seal      | -                | 堆焊合金焊<br>Built-up welding alloy welds | 堆焊合金焊<br>Built-up welding alloy welds | -                 | -                  |
| 助关弹簧Help off spring | 0Cr18Ni9         | 耐热合金Heat-resistant alloy              |                                       |                   | 0Cr18Ni90          |

主要外形尺寸 Main external dimension

| 公称通径<br>DN(mm) | L   | D2  | D3   |                      | 公称通径<br>DN(mm) | L   | D2   | D3   |                      |
|----------------|-----|-----|------|----------------------|----------------|-----|------|------|----------------------|
|                |     |     | H77X | H77H<br>H77Y<br>H77W |                |     |      | H77X | H77H<br>H77Y<br>H77W |
| 50             | 43  | 100 | 43   | 46                   | 400            | 140 | 485  | 376  | 390                  |
| 80             | 64  | 135 | 71   | 80                   | 450            | 152 | 545  | 427  | 427                  |
| 100            | 64  | 155 | 91.5 | 94                   | 500            | 152 | 608  | 479  | 490                  |
| 125            | 70  | 185 | 115  | 118                  | 600            | 178 | 718  | 579  | 588                  |
| 150            | 76  | 210 | 141  | 145                  | 700            | 229 | 800  | 675  | 686                  |
| 200            | 89  | 265 | 191  | 200                  | 800            | 241 | 905  | 774  | 784                  |
| 250            | 114 | 320 | 230  | 250                  | 900            | 241 | 1005 | 875  | -                    |
| 300            | 114 | 375 | 290  | 300                  | 1000           | 300 | 1115 | 974  | -                    |
| 350            | 127 | 435 | 340  | 340                  | 1200           | 350 | 1325 | 1164 | -                    |

LOW TEMPERATURE  
CHECK VALVE

DH41F-40P低温止回阀

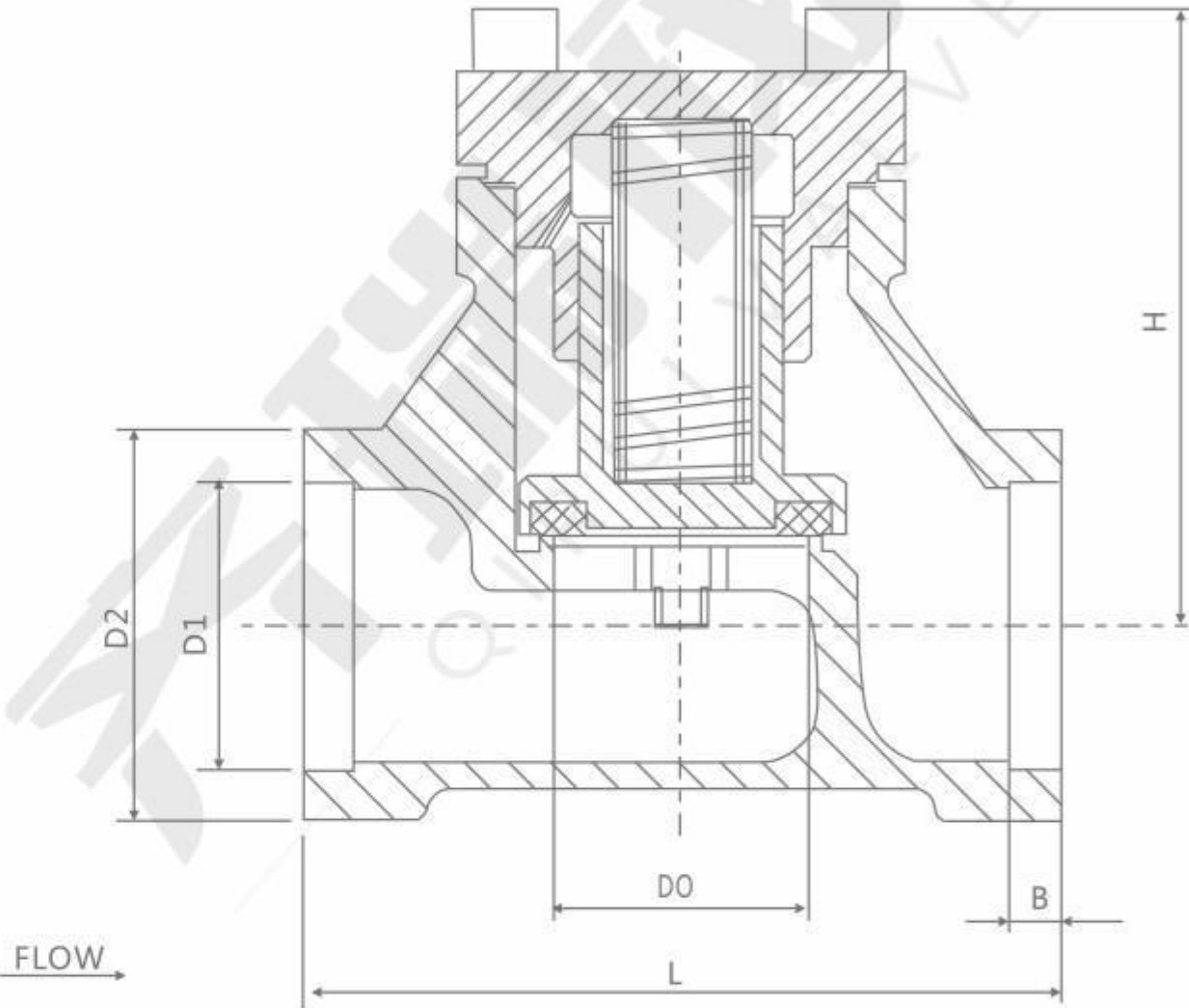
DH41F-40P

产品规范

公称压力: 4.0Mpa  
设计温度: -196℃ ~ +80℃  
适用介质: LNG、LO2、LN2、LAr、CO2  
连接方式: 承插焊

Product specification

Nominal pressure: 4.0 Mpa  
Design temperature: -196 °C ~ + 80 °C  
Applicable medium: LNG, LO2, LN2, LAr, CO2  
Connection mode: socket welding



| 型号<br>Type | 主要外形连接尺寸(mm ) Major Overall & Connection Dimensions |     |     |       |       |    |
|------------|-----------------------------------------------------|-----|-----|-------|-------|----|
|            | H                                                   | L   | D0  | D1    | D2    | B  |
| DH-10      | 55                                                  | 60  | Φ13 | Φ14.5 | Φ24   | 6  |
| DH-15      | 62                                                  | 65  | Φ15 | Φ18.5 | Φ29.5 | 6  |
| DH-20      | 70                                                  | 80  | Φ20 | Φ25.5 | Φ36   | 8  |
| DH-25      | 77                                                  | 90  | Φ25 | Φ32.5 | Φ43.5 | 8  |
| DH-32      | 89                                                  | 105 | Φ32 | Φ38.5 | Φ53   | 8  |
| DH-40      | 98                                                  | 120 | Φ40 | Φ45.5 | Φ62   | 8  |
| DH-50      | 111                                                 | 140 | Φ50 | Φ57.5 | Φ72   | 10 |