



PIPELINE FLUID MULTIPLE
SOLUTIONS PROVIDER
流体控制多重方案解决商

03

止回阀系列

Check valve series

www.cnjnv.com

JIANENG VALVE JNFM

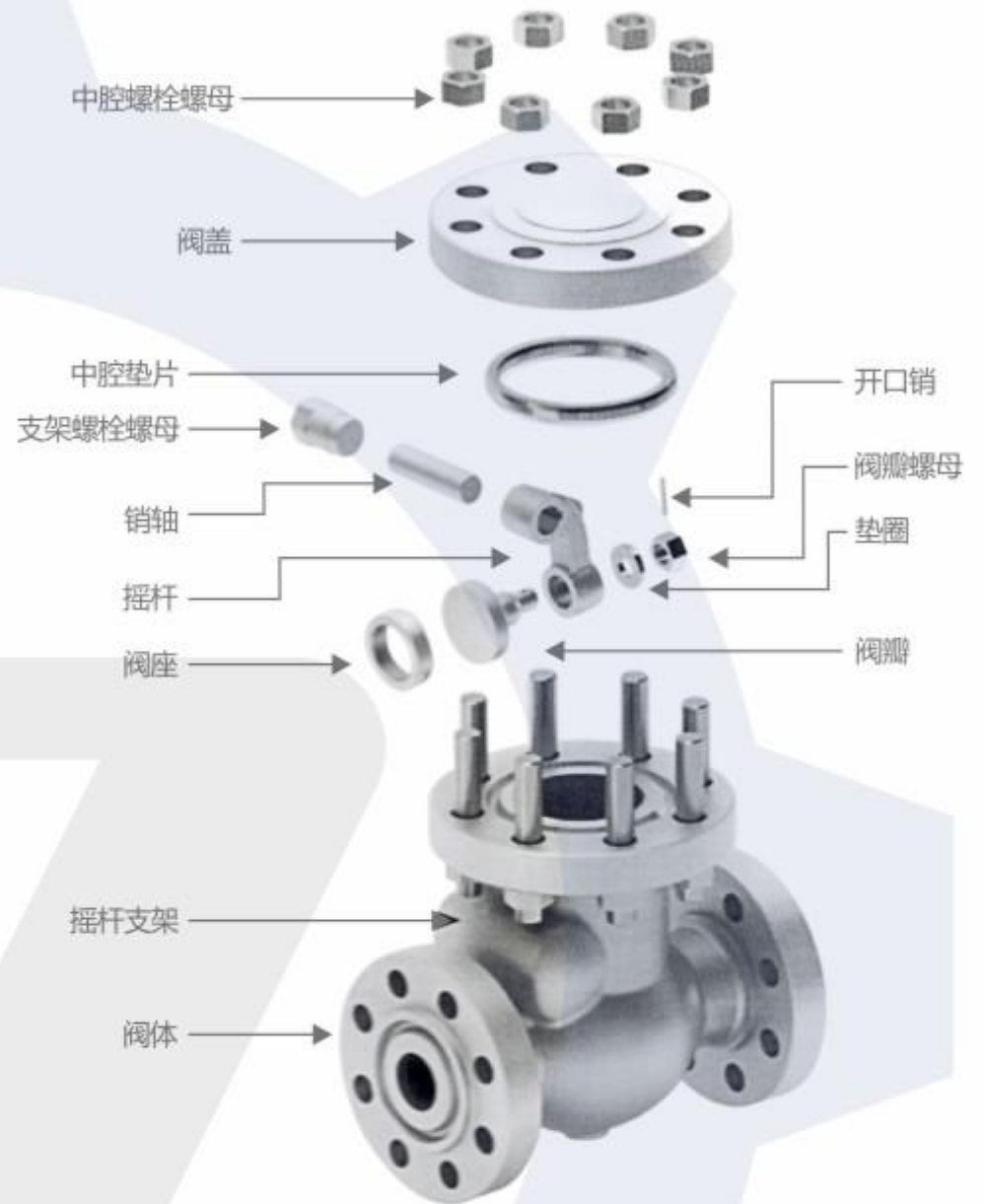


止回阀概述

JIS Gate valves

止回阀服务于一些特殊应用，即只允许介质向一个方向流动，另一个方向无法流通，这对于传统意义上的其他阀门而言是难于实现的。止回阀是一种自动阀门阻止介质回流至系统（防逆流）。现实应用中包括防止介质回流到管路或泵。流体介质立正向作用于阀瓣或球时阀门打开，而当介质停止流动或反向流动时，阀瓣或球复位从而关闭阀门。止回阀可以安装在水平或介质向上流动的管路中。

止回阀系列
CHECK VALVE SERIES



DN15~1000 | 16Mpa~100Mpa
2"-16" | Class 150~Class 2500

材质清单

| 产品规范 Product Specification | 设计规范 Design spec. | 结构长度 Face to Face | 连接法兰 Flange End | 试验与检验 Test & Check | 压力—温度 Pressure-Temp. | 产品标识 Marking | 供货规范 Supply |
|-------------------------------|----------------------|----------------------|--------------------|-----------------------|-------------------------|-----------------|----------------|
| | GB/T 12234 | GB/T 12221 | JB/T 79 | JB/T 9092 | GB/T 9124 | GB/T 12220 | JB/T 7926 |
| | API 600 | ASME B16.10 | ASME B16.5 | API 598 | ASME B16.34 | | |

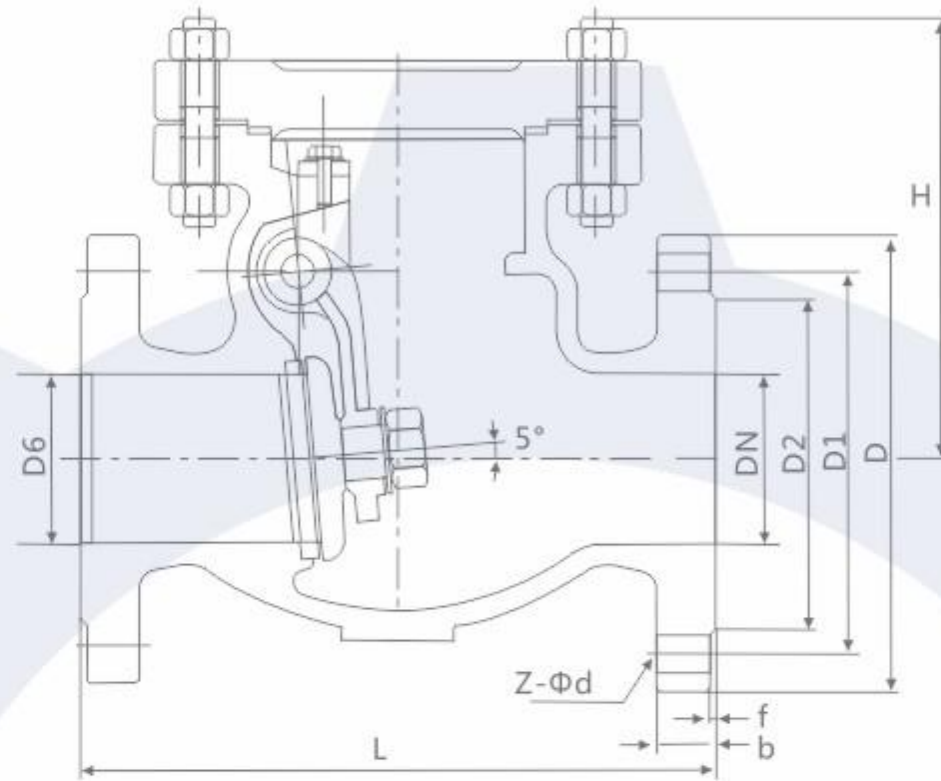
材质清单

| 部件part Name | 国标 /GB | | | 美标 /ASME | | |
|--------------------------|-----------------------------------|----------------------------|--------------------|----------------------------|----------------------------|--------------------|
| 阀体/阀盖Body/Bonnet | WCB | ZGCr5Mo | 304 | A216 WCB | A217 WC6 | A351 CF8 |
| 闸板Wedge | WCB | ZGCr5Mo | 304 | A216 WCB | A217 WC6 | A351 CF8 |
| 阀杆Stem | 13Cr | 25Cr2MoV | 304 | A182 F6a | A217 WC6 | A351 CF8 |
| 填料Packing | 聚四氟乙烯/PTFE 柔性石墨/Flexible Graphite | | | | | |
| 垫片Gasket | 304+柔性石墨/Flexible Graphite | | | | | |
| 螺栓Bolt | 35/35CrMo | 25Cr2MoV | 304 | A193 B7 | A193 B7 | A193 B8 |
| 适用温度Suitable temperature | -29~425°C | -29~550°C | -40~200°C | -29~425°C | -29~540°C | -46~425°C |
| 适用介质Applicable medium | 水、油品、蒸汽 Water,Oil,Steam | 水、油品、蒸汽 Water,Oil,Steam | 硝酸类 Nitric Acid | 水、油品、蒸汽 Water,Oil,Steam | 水、油品、蒸汽 Water,Oil,Steam | 硝酸类 Nitric Acid |



国标旋启式止回阀 GB Swing check valve

H44^H_W-16C/P/R



止回阀系列
CHECK VALVE SERIES

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

国标旋启式止回阀

GB Swing check valve

主要连接尺寸 Main Connection Dimensions

| 型号 Type | 公称通径 DN(mm) | 尺寸 Dimension(mm) | | | | | | | |
|-------------------|----------------|------------------|-----|-----|-----|------|--------|--------|-----|
| | | L | D | D1 | D2 | D6 | b-f | z-Φd | H |
| H H44W-16 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 H44W-25 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 H44W-40 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 | |

止回阀系列
CHECK VALVE SERIES



国标旋启式止回阀 GB Swing check valve

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

JB/T79.2

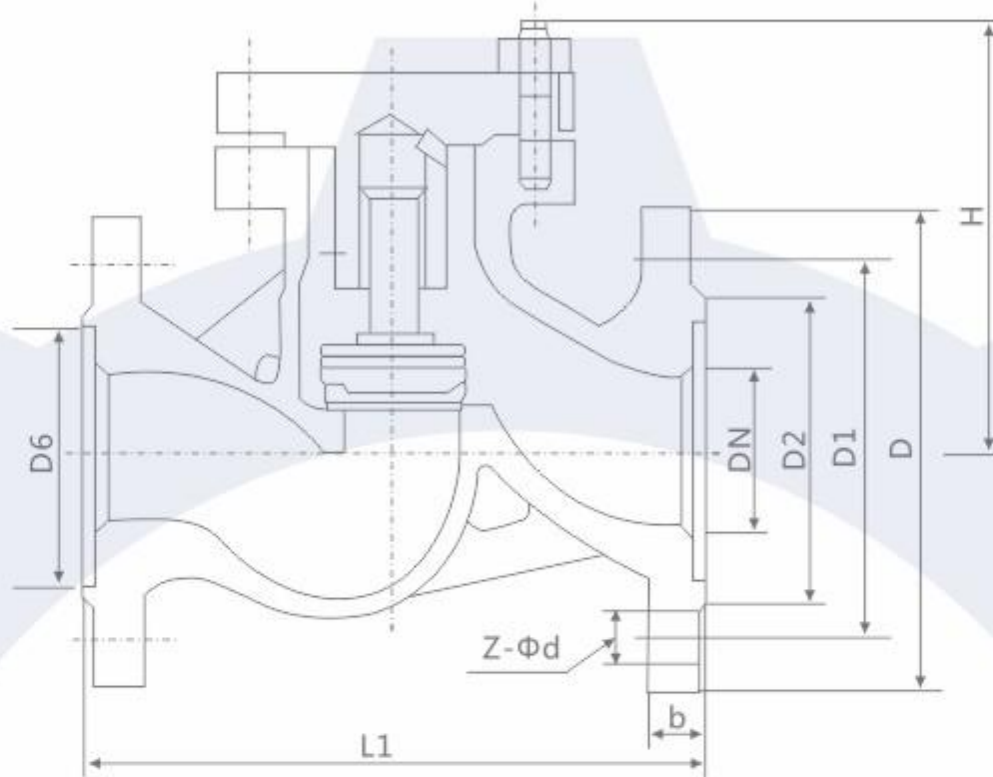
| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸Size(mm) | | | | | | | | | 重量 Weight (Kg) |
|-----------------|----------------|------------|-----|-----|-----|-----|-------|------|-------|------|----------------------|
| | | L | D | D1 | D2 | D6 | b-f | F2 | Z-Φd | H | |
| 6.3 | 50 | 300 | 175 | 135 | 105 | 88 | 26-3 | 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 |
| 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 |
| 400 | | 1150 | 815 | 670 | 590 | 422 | 110-4 | 5 | 16-54 | 625 | 1060 |
| 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 | 6 | 12-45 | 560 | 347 |
| | 200 | 832 | 535 | 440 | 380 | 245 | 92-3 | 6 | 12-51 | 618 | 575 |
| | 250 | 991 | 670 | 572 | 508 | 319 | 110-3 | 6 | 16-55 | 673 | 790 |

止回阀系列
CHECK VALVE SERIES



国标升降式止回阀
GB Lift check valve

H41^H_W-16C/P/R



止回阀系列
CHECK VALVE SERIES

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



国标升降式止回阀 GB Lift check valve

主要连接尺寸 Main Connection Dimensions

| 型号 Type | 公称通径 DN(mm) | 尺寸 Dimension(mm) | | | | | | | | |
|-------------------|----------------|------------------|-----|-----|-----|------|------|--------|--------|-----|
| | | L | D | D1 | D2 | D6 | b-f | f1 | z-Φd | H |
| H H41W-16 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 H41W-25 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 H41W-40 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 H41W-64 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 |

国标立式止回阀

GB Vertical check valve

H42H-¹⁶25C、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 ;

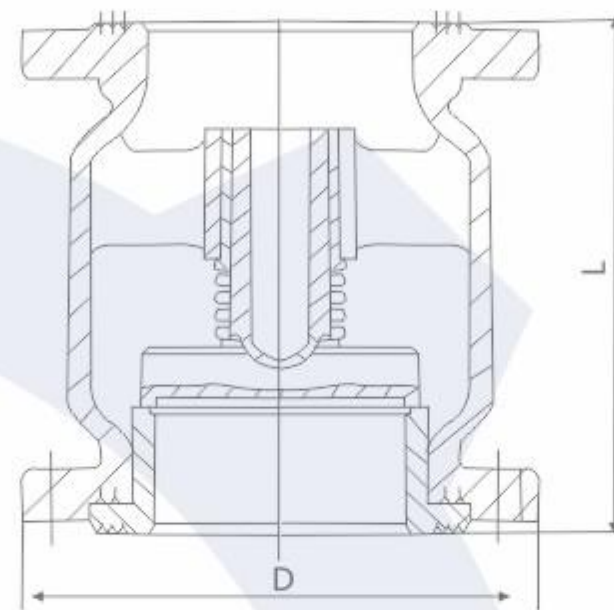
工作温度：≤ 425 / ≤ 100 / ≤ 100 / ≤ 550 / ≤ 550 ;

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 DN(mm) | 尺寸 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 DN(mm) | 尺寸 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 |



美标旋启式止回阀 API Swing check valve

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 Shell strength test pressure (MPa) | 常温下公称压力的1.5倍 1.5 Times the nominal pressure at room temperature | | | | | |
| 3 | 高压密封试验压力 High-pressure sealing test pressure (MPa) | 常温下工作压力的1.1倍 1.1 Times 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 According to ASME B16.34 pressure temperature rating | | | | | |

产品规范 Product specification

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

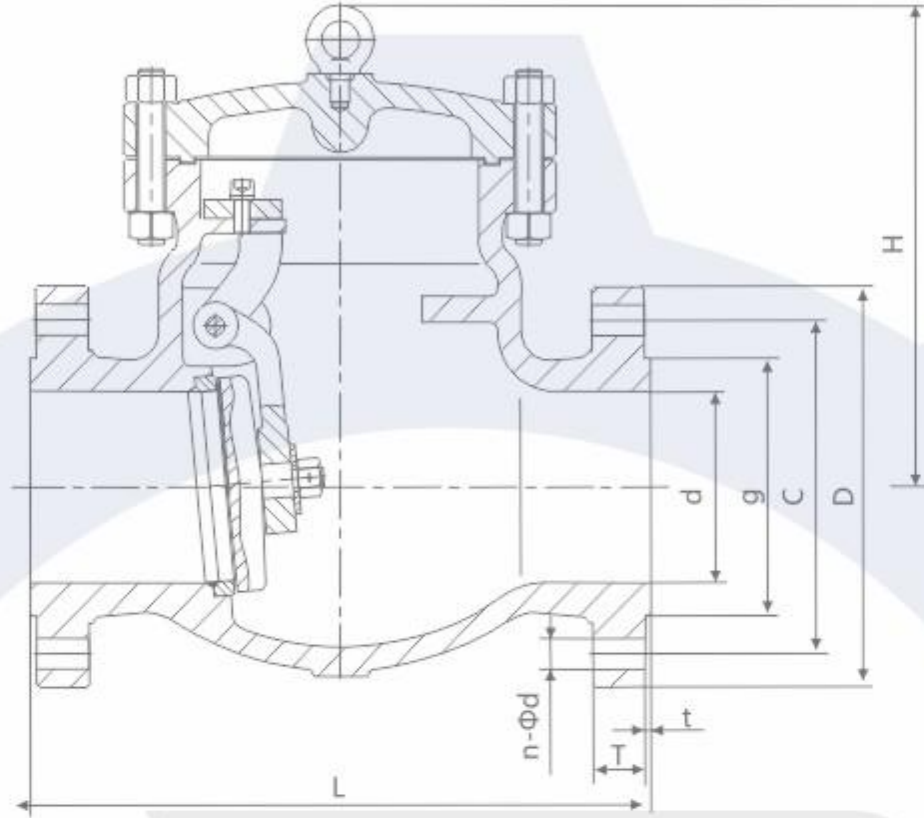
主要零件材料 Main components material

| 零件名称 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°C | -29~540°C | -46~425°C | -46~425°C | -46~425°C | -46~425°C |
| 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 |



美标旋启式止回阀
API Swing check valve

H44^H_W-150Lb



止回阀系列
CHECK VALVE SERIES

主要尺寸 Dimensions of Flanged end

| 公称压力 Nominal pressure | Dimensions(mm) | | | | | | | | | |
|--------------------------|----------------|------|------|-------|-------|-----|-----|-----|-------|-------|
| | in | d | L | D | C | g | T | t | H | n-Φ |
| Class 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 | |



美标旋启式止回阀 API Swing check valve

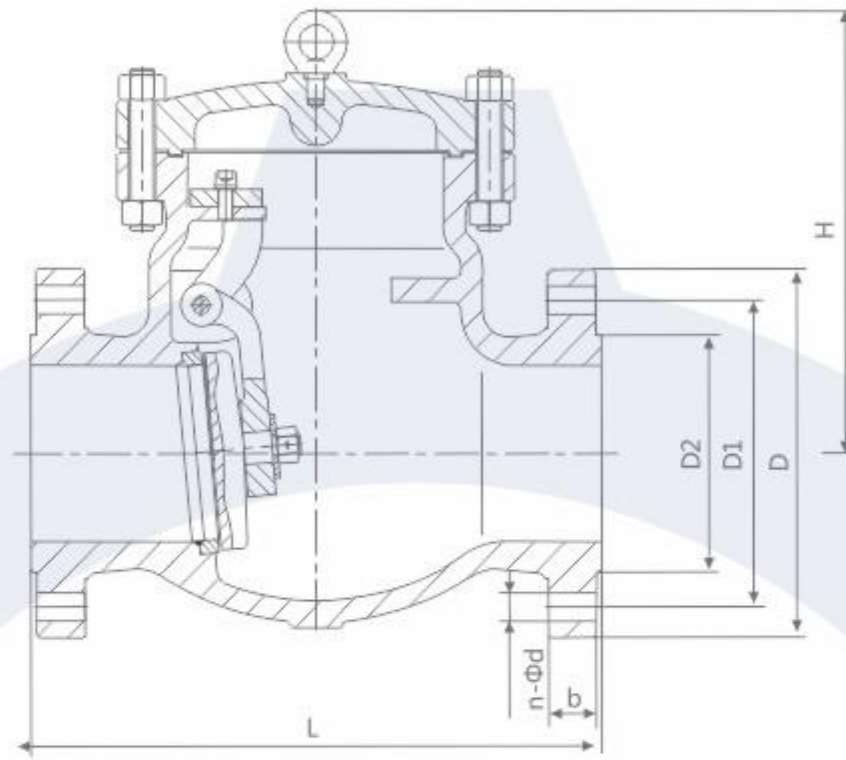
主要尺寸 Dimensions of Flanged end

| 公称压力 Nominal pressure | Dimensions(mm) | | | | | | | | | |
|--------------------------|----------------|------|------|-------|-------|-----|-----|-----|-------|-------|
| | in | d | L | D | C | g | T | t | H | n-Φ |
| Class 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 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 | |

止回阀系列
CHECK VALVE SERIES



日标旋启式止回阀 JIS Swing check valve



止回阀系列
CHECK VALVE SERIES

产品规范 Product specification

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

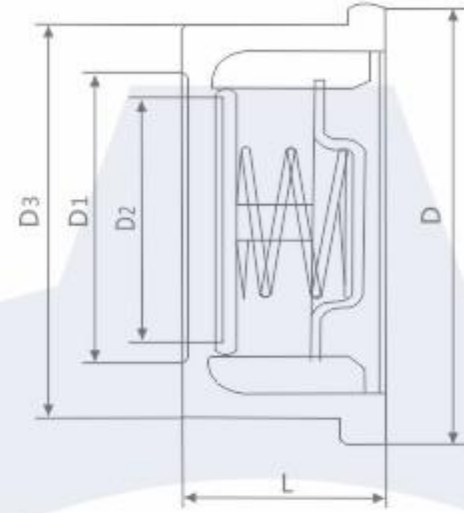
主要尺寸 Dimensions of Flanged end

| 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 |



H71型对夹式不锈钢止回阀

Sandwich stainless steel check valve

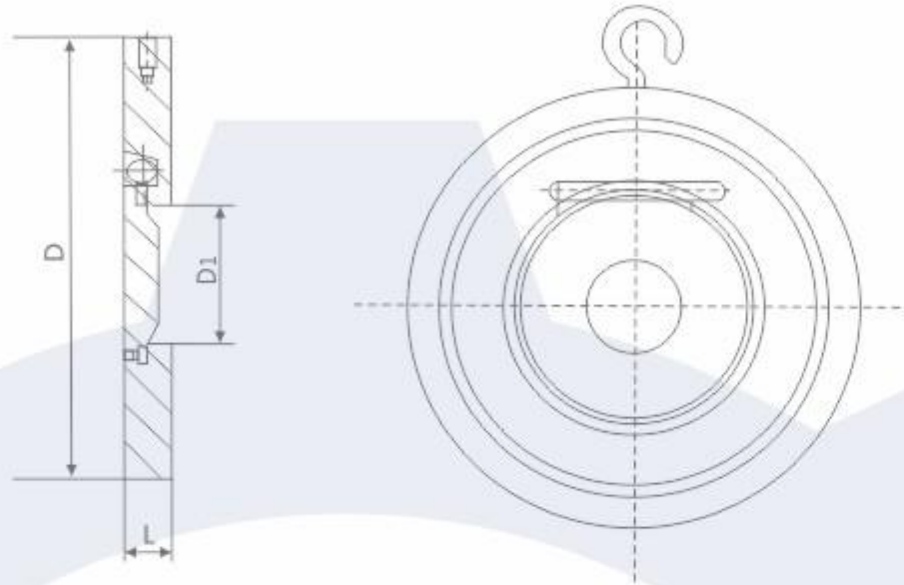


主要尺寸及重量 Main dimensions and weight

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸(mm) | | | 重量(kg) | 配管法兰 (供参考) | | | |
|-----------------|----------------|--------|-----|-----|--------|----------------|------|-------|--------|
| | | L | d | A | | 螺栓孔中心 圆直径D1 | 螺栓数量 | 螺栓直径D | 螺栓长度L1 |
| 1.0 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 | |

H74型对夹式不锈钢止回阀

Sandwich stainless steel check valve

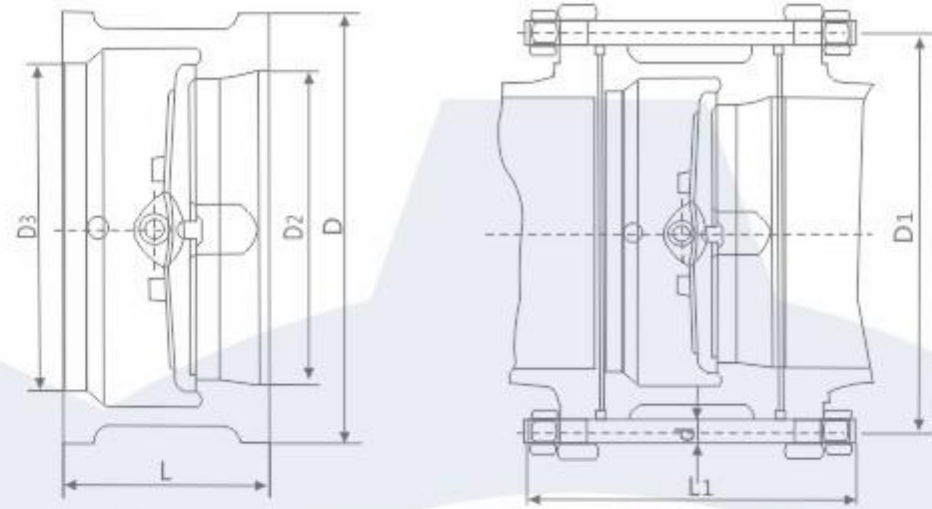


主要尺寸及重量 Main dimensions and weight

| 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 | |



H76型对夹式不锈钢止回阀 Sandwich stainless steel check valve



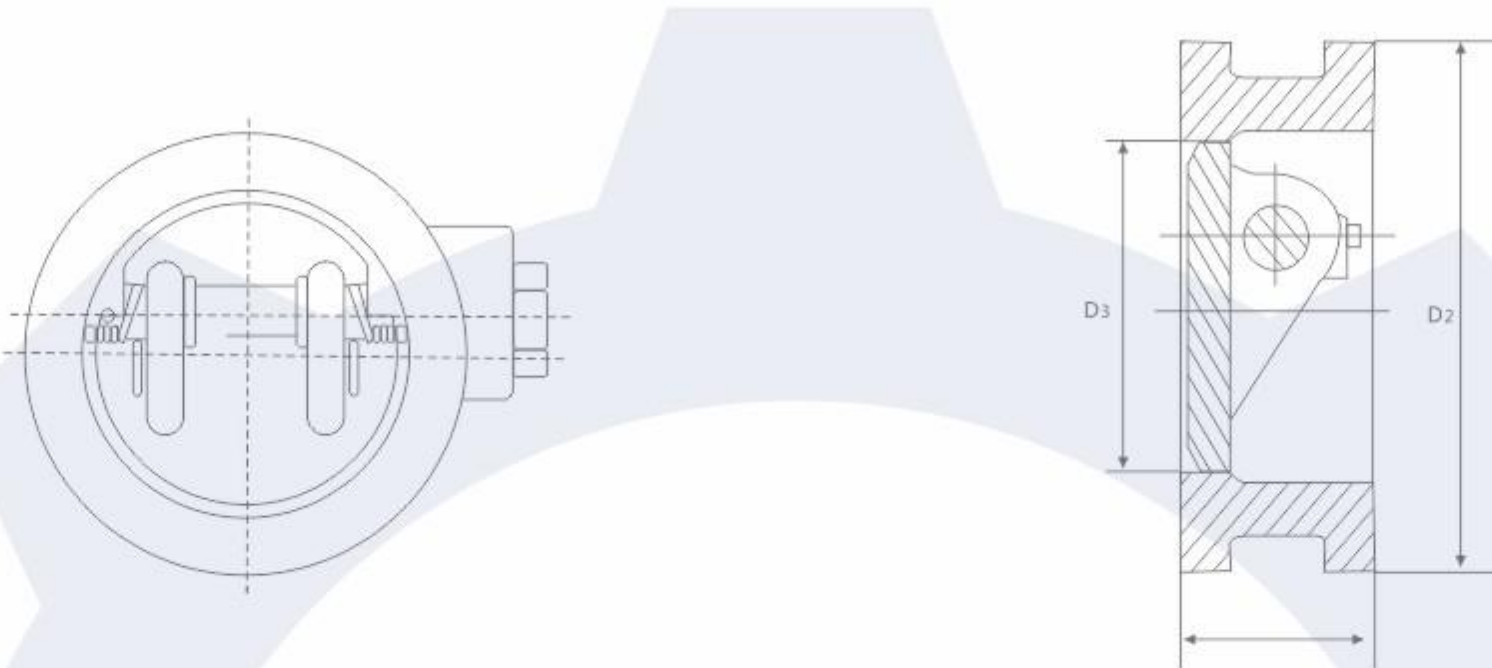
主要尺寸及重量 Main dimensions and weight

| 公称压力 PN(MPa) | 公称通径 DN(mm) | 尺寸 (mm) | | | | 重量(kg) | 配管法兰 (供参考) | | | |
|-----------------|----------------|---------|------|------|------|--------|------------|------|-------|--------|
| | | L | d | D3 | D2 | | 螺栓孔中心圆直径D1 | 螺体数量 | 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 |
| 1.6 | 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 |
| 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 | |
| 2.5 | 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 | |

H77X/H对夹式止回阀

Sandwich check valve

止回阀系列
CHECK VALVE SERIES



主要技术参数 Main technique parameter

| 型号 Model | 公称压力 PN(MPa) | 试验压力PS(MPa) | | 工作温度 Working temperature (°C) | 适用介质 Applicable medium |
|------------------------------|-----------------|--|--|--|---|
| | | 壳体Case | 密封Seal | | |
| H77X H77H H77Y H77W | 1.0 | 常温下公称压力的1.5倍 1.5 Times the nominal pressure at room temperature | 常温下公称压力的1.1倍 1.1 Times the nominal pressure at room temperature | 软密封: < 80 硬密封: < 450 Soft seal: <80 Hard seal: <450 | 水、气体、油品、硝酸等 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 Part name | 材料Material | | | | |
|---------------------|--|--|---|---|--|
| | H77X- ^{10C, 25} / _{16, 40} | H77H- ^{16C, 40} / _{25, 64} | H77Y- ^{25I} / _{40I 64I} | H77W- ^{16C, 25} / _{25C, 40} | H7W- ^{10P, 25P} / _{16P, 40P} |
| 阀体、蝶板Body, disc | 铸钢Cast steel WCB | | 铬钼钢 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 Built-up welding alloy welds | 堆焊合金焊 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 DN(mm) | L | D2 | D3 | | 公称通径 DN(mm) | L | D2 | D3 | |
|----------------|-----|-----|------|----------------------|----------------|-----|------|------|----------------------|
| | | | H77X | H77H H77Y H77W | | | | H77X | H77H H77Y 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 | - |



DH41F-40P低温止回阀

Low temperature check valve

DH41F-40P

产品规范

公称压力: 4.0Mpa

设计温度: -196°C ~ +80°C

适用介质: LNG、LO₂、LN₂、LAr、CO₂

连接方式: 承插焊

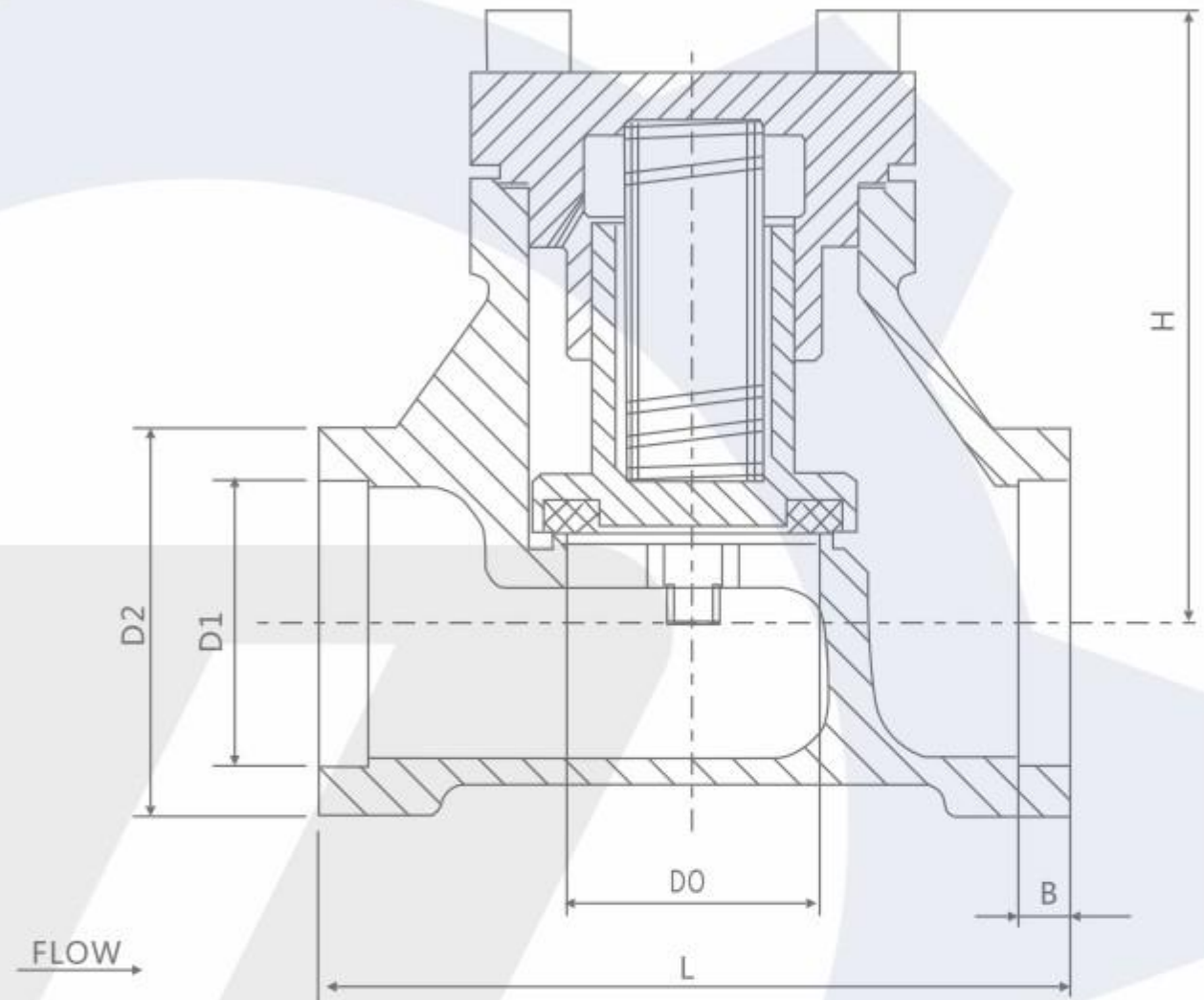
Product specification

Nominal pressure: 4.0 Mpa

Design temperature: -196 °C ~ + 80 °C

Applicable medium: LNG, LO₂, LN₂, LAr, CO₂

Connection mode: socket welding



止回阀系列
CHECK VALVE SERIES

| 型号 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 |