

H46型双法兰双瓣式止回阀
H46 Dual-plate Double-flange Check Valve



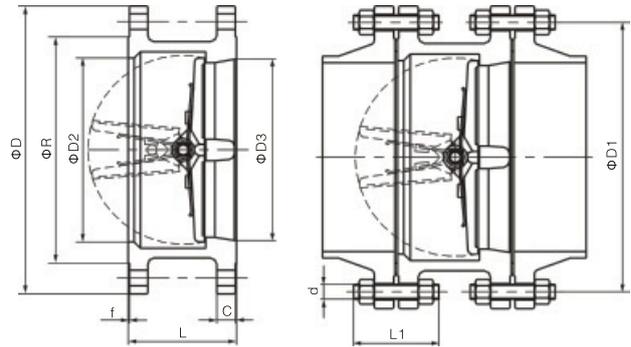
对夹止回阀

Wafer Type Check Valves



H46H型双法兰双瓣式止回阀 (美标) API Dual-plate Double-flange Check Valve

ASME B16.5/ASME B16.47 A



尺寸及重量 (Dimensions & Weights)

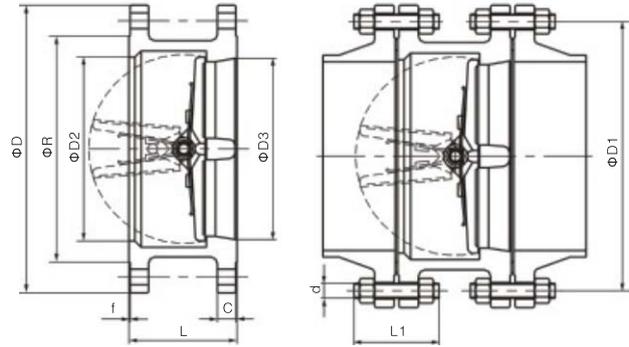
| 口径 Size | 压力等级 Pressure Rating | 连接端 End facing | 尺寸 Dimensions | | | | | | | 配管法兰 Pipe Flange | | | | 重量 Weight (Kg) | |
|---------------|----------------------------|-------------------|---------------|-------|-------|-----|-----|-----|--------|------------------|--------------------------|------------------------|---------|----------------------|-----------------------|
| | | | L | D | C | R | f | D3 | D2 | D1 | 螺栓数量 Stud Quantity | 螺栓直径d Stud Diameter | | | 螺栓长度L1 Stud Length |
| | | | mm | | | | | | | | | in | mm | | |
| 8" (200) | 150 | RF | 127 | 345 | 27 | 270 | 2 | 203 | 210 | 298.5 | 8 | 3/4 | M20 | 140 | 42 |
| 10" (250) | 150 | RF | 146 | 405 | 28.6 | 324 | 2 | 254 | 265 | 362 | 12 | 7/8 | M24 | 145 | 65 |
| | 600 | RF/RTJ-53 | 213 | 510 | 63.5 | 324 | 7 | 254 | 265 | 431.8 | 16 | 1 1/4 | M33 | 240/245 | 185 |
| 12" (300) | 900 | RF/RTJ-53 | 241 | 545 | 69.9 | 324 | 7 | 250 | 265 | 469.9 | 16 | 1 3/8 | M36X3 | 260/265 | 210 |
| | 150 | RF | 181 | 485 | 30.2 | 381 | 2 | 305 | 310 | 431.8 | 12 | 7/8 | M24 | 150 | 100 |
| | 300 | RF | 181 | 520 | 49.3 | 381 | 2 | 305 | 310 | 450.8 | 16 | 1 1/8 | M30 | 205 | 155 |
| 14" (350) | 600 | RF/RTJ-57 | 229 | 560 | 66.7 | 381 | 7 | 305 | 310 | 489 | 20 | 1 1/4 | M33 | 250/255 | 240 |
| | 900 | RF/RTJ-57 | 292 | 610 | 79.4 | 381 | 7 | 305 | 310 | 533.4 | 20 | 1 3/8 | M36X3 | 275/285 | 350 |
| | 150 | RF | 184 | 535 | 33.4 | 413 | 2 | 350 | 355 | 476.3 | 12 | 1 | M27 | 160 | 135 |
| 16" (400) | 300 | RF | 222 | 585 | 52.4 | 413 | 2 | 350 | 355 | 514.4 | 20 | 1 1/8 | M30 | 210 | 210 |
| | 600 | RF/RTJ-61 | 273 | 605 | 69.9 | 413 | 7 | 340 | 350 | 527 | 20 | 1 3/8 | M36X3 | 260/265 | 380 |
| | 900 | RF/RTJ-62 | 356 | 640 | 85.8 | 413 | 7 | 340 | 350 | 558.8 | 20 | 1 1/2 | M39X3 | 300/310 | 470 |
| 18" (450) | 150 | RF | 191 | 595 | 35 | 470 | 2 | 400 | 405 | 539.8 | 16 | 1 | M27 | 170 | 168 |
| | 300 | RF | 232 | 650 | 55.6 | 470 | 2 | 400 | 405 | 571.5 | 20 | 1 1/4 | M33 | 205 | 310 |
| | 600 | RF/RTJ-65 | 305 | 685 | 76.2 | 470 | 7 | 390 | 400 | 603.2 | 20 | 1 1/2 | M39X3 | 280/285 | 500 |
| 20" (500) | 900 | RF/RTJ-66 | 384 | 705 | 88.9 | 470 | 7 | 380 | 400 | 616 | 20 | 1 5/8 | M42X3 | 310/320 | 630 |
| | 150 | RF | 203 | 635 | 38.1 | 533 | 2 | 450 | 455 | 577.9 | 16 | 1 1/8 | M30 | 175 | 205 |
| | 300 | RF | 264 | 710 | 58.8 | 533 | 2 | 450 | 455 | 628.6 | 24 | 1 1/4 | M33 | 225 | 380 |
| 24" (600) | 600 | RF/RTJ-69 | 362 | 745 | 82.6 | 533 | 7 | 440 | 450 | 654 | 20 | 1 5/8 | M42X3 | 300/305 | 620 |
| | 900 | RF/RTJ-70 | 451 | 785 | 101.6 | 533 | 7 | 430 | 440 | 685.8 | 20 | 1 7/8 | M48X3 | 350/365 | 880 |
| | 150 | RF | 219 | 700 | 41.3 | 587 | 2 | 500 | 505 | 635 | 20 | 1 1/8 | M30 | 180 | 260 |
| 28" (700) | 300 | RF | 292 | 775 | 62 | 587 | 2 | 500 | 505 | 685.8 | 24 | 1 1/4 | M33 | 220 | 450 |
| | 600 | RF/RTJ-73 | 368 | 815 | 88.9 | 587 | 7 | 490 | 500 | 723.9 | 24 | 1 5/8 | M42X3 | 310/320 | 780 |
| | 900 | RF/RTJ-74 | 451 | 855 | 108 | 587 | 7 | 490 | 500 | 749.3 | 20 | 2 | M52X3 | 370/385 | 1800 |
| | 150 | RF | 222 | 815 | 46.1 | 692 | 2 | 600 | 605 | 749.3 | 20 | 1 1/4 | M33 | 195 | 370 |
| 32" (800) | 300 | RF | 318 | 915 | 68.3 | 692 | 2 | 600 | 605 | 812.8 | 24 | 1 1/2 | M39X3 | 260 | 720 |
| | 600 | RF/RTJ-77 | 438 | 940 | 101.6 | 692 | 7 | 590 | 600 | 838.2 | 24 | 1 7/8 | M48X3 | 355/365 | 1120 |
| | 900 | RF/RTJ-78 | 495 | 1040 | 139.7 | 692 | 7 | 580 | 590 | 901.7 | 20 | 2 1/2 | M64X3 | 470/485 | 1800 |
| 36" (900) | 150 | RF | 305 | 985 | 73.1 | 857 | 2 | 735 | 740 | 914.4 | 28 | 1 1/4 | M33 | 255 | 760 |
| | 300 | RF | 368 | 1090 | 90.5 | 857 | 2 | 735 | 740 | 997 | 28 | 1 3/4 | M45X3 | 320 | ** |
| | 600 | RF/RTJ-95 | 505 | 1130 | 114.3 | 857 | 7 | 735 | 740 | 1022.4 | 28 | 2 | M52X3 | 390/400 | ** |
| | 900 | RF/RTJ-102 | 635 | 1230 | 149.3 | 857 | 7 | 715 | 730 | 1085.9 | 20 | 3 | M76X3 | 530/540 | ** |
| 40" (1000) | 150 | RF | 305 | 1060 | 79.4 | 914 | 2 | 785 | 790 | 977.9 | 28 | 1 1/2 | M39X3 | 280 | 990 |
| | 300 | RF | 368 | 1150 | 96.9 | 914 | 2 | 785 | 790 | 1054.1 | 32 | 1 1/2 | M39X3 | 340 | ** |
| | 600 | RF/RTJ-96 | 533 | 1195 | 117.5 | 914 | 7 | 780 | 790 | 1079.5 | 28 | 2 1/4 | M56X3 | 415/425 | ** |
| 900 | RF/RTJ-103 | 660 | 1315 | 158.8 | 914 | 7 | 760 | 780 | 1155.7 | 20 | 3 1/4 | M84X3 | 555/570 | ** | |

对夹止回阀

Wafer Type Check Valves



H46H型双法兰双瓣式止回阀 (美标) API Dual-plate Double-flange Check Valve ASME B16.47 A



尺寸及重量 (Dimensions & Weights)

| 口径 Size | 压力等级 Pressure Rating | 连接端 End facing | 尺寸 Dimensions | | | | | | | 配管法兰 Pipe Flange | | | | 重量 Weight (Kg) | |
|-----------------|----------------------------|-------------------|---------------|------|-------|------|---|------|------|------------------|--------------------------|------------------------|-------|----------------------|-----------------------|
| | | | L | D | C | R | f | D3 | D2 | D1 | 螺栓数量 Stud Quantity | 螺栓直径d Stud Diameter | | | 螺栓长度L1 Stud Length |
| | | | mm | | | | | | | | | in | mm | | |
| 36" (900) | 150 | RF | 368 | 1710 | 89.9 | 1022 | 2 | 885 | 890 | 1085.9 | 32 | 1 1/2 | M39X3 | 300 | ** |
| | 300 | RF | 483 | 1270 | 103.2 | 1022 | 2 | 885 | 890 | 1168.4 | 32 | 2 | M54X3 | 355 | ** |
| | 600 | RF/RTJ-98 | 635 | 1315 | 123.9 | 1022 | 7 | 875 | 880 | 1193.8 | 28 | 2 1/2 | M64X3 | 440/450 | ** |
| | 900 | RF/RTJ-105 | 718 | 1460 | 171.5 | 1022 | 7 | 855 | 865 | 1289.1 | 20 | 3 1/2 | M90X3 | 600/610 | ** |
| 40" (1000) | 150 | RF | 432 | 1290 | 89.9 | 1124 | 2 | 980 | 990 | 1200.7 | 36 | 1 1/2 | M39X3 | 300 | ** |
| | 300 | RF | 546 | 1240 | 112.8 | 1086 | 2 | 980 | 990 | 1155.7 | 32 | 1 5/8 | M42X3 | 350 | ** |
| | 600 | RF | 660 | 1320 | 158.8 | 1111 | 7 | 980 | 985 | 1212.9 | 32 | 2 1/4 | M56X3 | 480 | ** |
| 42" (1050) | 150 | RF | 762 | 1510 | 196.9 | 1162 | 7 | 950 | 965 | 1339.9 | 24 | 3 1/2 | M90X3 | 620 | ** |
| | 300 | RF | 432 | 1345 | 95.3 | 1194 | 2 | 1020 | 1040 | 1257.3 | 36 | 1 1/2 | M39X3 | 310 | ** |
| | 600 | RF | 568 | 1290 | 117.5 | 1137 | 2 | 1020 | 1040 | 1206.5 | 32 | 1 5/8 | M42X3 | 360 | ** |
| 48" (1200) | 150 | RF | 524 | 1510 | 106.4 | 1359 | 2 | 1170 | 1190 | 1422.4 | 44 | 1 1/2 | M39X3 | 330 | ** |
| | 300 | RF | 629 | 1465 | 131.8 | 1302 | 2 | 1170 | 1180 | 1371.6 | 32 | 1 7/8 | M48X3 | 400 | ** |
| | 600 | RF | 787 | 1595 | 189 | 1334 | 7 | 1170 | 1170 | 1460.5 | 32 | 2 3/4 | M70X3 | 570 | ** |
| 54" (1350) | 150 | RF | 591 | 1685 | 119.1 | 1511 | 2 | 1315 | 1330 | 1593.9 | 44 | 1 3/4 | M45X3 | 370 | ** |
| | 300 | RF | 718 | 1660 | 150.9 | 1467 | 2 | 1315 | 1330 | 1549.4 | 28 | 2 1/4 | M56X3 | 460 | ** |
| 60" (1500) | 150 | RF | 660 | 1855 | 130.2 | 1676 | 2 | 1460 | 1470 | 1759 | 52 | 1 3/4 | M45X3 | 390 | ** |
| | 300 | RF | 838 | 1810 | 162 | 1626 | 2 | 1460 | 1470 | 1701.8 | 32 | 2 1/4 | M56X3 | 480 | ** |

尺寸及重量 (Dimensions & Weights)

ASME B16.47 B

| 口径 Size | 压力等级 Pressure Rating | 连接端 End facing | 尺寸 Dimensions | | | | | | | 配管法兰 Pipe Flange | | | | 重量 Weight (Kg) | |
|-----------------|----------------------------|-------------------|---------------|------|-------|------|---|------|------|------------------|--------------------------|------------------------|-------|----------------------|-----------------------|
| | | | L | D | C | R | f | D3 | D2 | D1 | 螺栓数量 Stud Quantity | 螺栓直径d Stud Diameter | | | 螺栓长度L1 Stud Length |
| | | | mm | | | | | | | | | in | mm | | |
| 28" (700) | 150 | RF | 305 | 835 | 43 | 762 | 2 | 685 | 690 | 795.2 | 40 | 3/4 | M20 | 170 | ** |
| | 300 | RF | 368 | 920 | 87.4 | 787 | 2 | 685 | 690 | 857.2 | 36 | 1 1/4 | M33 | 280 | ** |
| | 600 | RF/RTJ-94 | 483 | 784 | 115.9 | 784 | 7 | 685 | 690 | 863.6 | 28 | 1 3/4 | M45X3 | 380/392 | ** |
| | 900 | RF/RTJ-101 | 572 | 819 | 147.7 | 819 | 7 | 670 | 680 | 971.6 | 20 | 3 | M76X3 | 500/510 | ** |
| 30" (750) | 150 | RF | 305 | 885 | 43 | 813 | 2 | 740 | 740 | 846.1 | 44 | 3/4 | M20 | 170 | ** |
| | 300 | RF | 368 | 990 | 92.1 | 845 | 2 | 735 | 740 | 920.8 | 36 | 1 3/4 | M45X3 | 310 | ** |
| | 600 | RF/RTJ-95 | 505 | 841 | 127 | 841 | 7 | 735 | 740 | 927.1 | 28 | 1 7/8 | M48X3 | 400/410 | ** |
| 32" (800) | 150 | RF | 635 | 876 | 155.6 | 876 | 7 | 715 | 730 | 1032.5 | 20 | 3 | M76X3 | 530/540 | ** |
| | 300 | RF | 368 | 1055 | 101.6 | 902 | 2 | 790 | 790 | 977.9 | 32 | 1 1/2 | M39X3 | 320 | ** |
| | 600 | RF/RTJ-96 | 533 | 895 | 130.2 | 895 | 7 | 780 | 790 | 984.3 | 28 | 2 | M52X3 | 420/430 | ** |
| 36" (900) | 150 | RF | 660 | 927 | 160.4 | 927 | 7 | 760 | 780 | 1092.2 | 20 | 3 | M76X3 | 540/550 | ** |
| | 300 | RF | 368 | 1055 | 50.9 | 972 | 2 | 885 | 890 | 1009.7 | 44 | 7/8 | M24 | 190 | ** |
| | 600 | RF | 483 | 1170 | 101.6 | 1010 | 2 | 880 | 890 | 1089 | 32 | 1 5/8 | M42X3 | 330 | ** |
| 40" (1000) | 150 | RF | 635 | 1010 | 146.1 | 1010 | 7 | 875 | 880 | 1104.9 | 28 | 2 1/4 | M56X3 | 460/470 | ** |
| | 300 | RF | 718 | 1029 | 173.1 | 1029 | 7 | 855 | 865 | 1200.2 | 24 | 3 | M76X3 | 570/580 | ** |
| | 600 | RF/RTJ-105 | 718 | 1029 | 173.1 | 1029 | 7 | 855 | 865 | 1200.2 | 24 | 3 | M76X3 | 570/580 | ** |
| 42" (1050) | 150 | RF | 432 | 1175 | 54.1 | 1080 | 2 | 990 | 990 | 1120.6 | 44 | 1 | M27 | 205 | ** |
| | 300 | RF | 546 | 1275 | 114.3 | 1114 | 2 | 980 | 990 | 1190.8 | 40 | 1 5/8 | M42X3 | 360 | ** |
| 48" (1200) | 150 | RF | 432 | 1225 | 59.3 | 1130 | 2 | 1020 | 1080 | 1171.4 | 48 | 1 | M27 | 210 | ** |
| | 300 | RF | 568 | 1335 | 117.5 | 1168 | 2 | 1020 | 1080 | 1244.6 | 36 | 1 3/4 | M45X3 | 370 | ** |
| 54" (1350) | 150 | RF | 524 | 1390 | 65.6 | 1289 | 2 | 1170 | 1190 | 1335 | 44 | 1 1/8 | M30 | 230 | ** |
| | 300 | RF | 629 | 1510 | 127 | 1327 | 2 | 1170 | 1180 | 1416.1 | 40 | 1 7/8 | M48X3 | 390 | ** |
| 60" (1500) | 150 | RF | 591 | 1550 | 72 | 1441 | 2 | 1315 | 1330 | 1492.3 | 56 | 1 1/8 | M30 | 24 | ** |
| | 300 | RF | 718 | 1675 | 135 | 1480 | 2 | 1315 | 1330 | 1577.8 | 48 | 1 7/8 | M48X3 | 410 | ** |
| | 150 | RF | 660 | 1725 | 76.7 | 1600 | 2 | 1460 | 1470 | 1662.2 | 52 | 1 1/4 | M33 | 260 | ** |
| | 300 | RF | 838 | 1880 | 149.3 | 1651 | 2 | 1460 | 1470 | 1737.7 | 40 | 2 1/4 | M56X3 | 460 | ** |

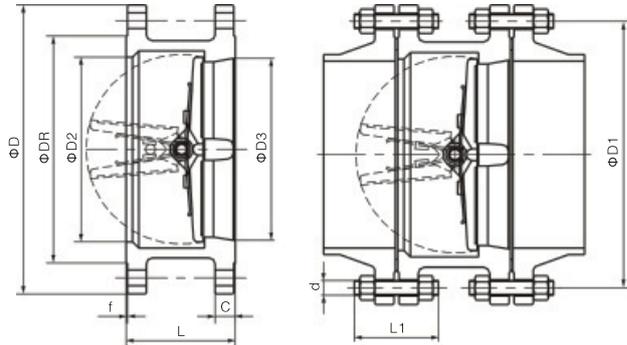
对夹止回阀

Wafer Type Check Valves



H46H型双法兰双瓣式止回阀 (国标) GB Dual-plate Double-flange Check Valve

GB/T 9113



尺寸及重量 (Dimensions & Weights)

| 口径 Size | 压力等级 Pressure Rating | 连接端 End facing | 尺寸 Dimensions | | | | | | | | 配管法兰 Pipe Flange | | | | 重量 Weight (Kg) |
|------------|----------------------------|-------------------|---------------|------|------|------|------|------|------|------|--------------------------|------------------------|-------|-----------------------|----------------------|
| | | | L | D | C | R | f | D3 | D2 | D1 | 螺栓数量 Stud Quantity | 螺栓直径d Stud Diameter | | 螺栓长度L1 Stud Length | |
| | | | mm | | | | | | | | | in | mm | mm | |
| DN200 | PN10 | RF | 127 | 340 | 24 | 266 | 2 | 203 | 210 | 295 | 12 | ** | M20 | 110 | 34 |
| | PN16 | RF | 127 | 340 | 24 | 266 | 2 | 203 | 210 | 295 | 12 | ** | M20 | 115 | 34 |
| | PN25 | RF | 127 | 360 | 30 | 274 | 2 | 203 | 210 | 310 | 12 | ** | M24 | 150 | 40 |
| DN250 | PN10 | RF | 146 | 395 | 26 | 319 | 2 | 254 | 265 | 350 | 12 | ** | M24 | 115 | 55 |
| | PN16 | RF | 146 | 405 | 26 | 319 | 2 | 254 | 265 | 355 | 12 | ** | M24 | 130 | 60 |
| | PN25 | RF | 146 | 425 | 32 | 330 | 2 | 254 | 265 | 370 | 12 | ** | M27 | 150 | 65 |
| DN300 | PN40 | RF | 146 | 450 | 38 | 345 | 2 | 254 | 265 | 385 | 12 | ** | M30 | 175 | 76 |
| | PN10 | RF | 181 | 445 | 26 | 370 | 2 | 305 | 310 | 400 | 12 | ** | M20 | 120 | 72 |
| | PN16 | RF | 181 | 460 | 28 | 370 | 2 | 305 | 310 | 410 | 12 | ** | M24 | 130 | 80 |
| DN350 | PN25 | RF | 181 | 485 | 34 | 389 | 2 | 305 | 310 | 430 | 16 | ** | M27 | 155 | 88 |
| | PN40 | RF | 181 | 515 | 42 | 409 | 2 | 305 | 310 | 450 | 16 | ** | M30 | 180 | 100 |
| | PN10 | RF | 184 | 505 | 26 | 429 | 2 | 350 | 355 | 460 | 16 | ** | M20 | 120 | 104 |
| DN400 | PN16 | RF | 184 | 520 | 30 | 429 | 2 | 350 | 355 | 470 | 16 | ** | M24 | 140 | 115 |
| | PN25 | RF | 184 | 555 | 38 | 448 | 2 | 350 | 355 | 490 | 16 | ** | M30 | 175 | 132 |
| | PN40 | RF | 222 | 580 | 46 | 465 | 2 | 350 | 355 | 510 | 20 | ** | M33X3 | 195 | 148 |
| DN450 | PN10 | RF | 191 | 565 | 26 | 480 | 2 | 400 | 405 | 505 | 16 | ** | M24 | 130 | 146 |
| | PN16 | RF | 191 | 580 | 32 | 480 | 2 | 400 | 405 | 505 | 16 | ** | M27 | 150 | 160 |
| | PN25 | RF | 191 | 620 | 40 | 503 | 2 | 400 | 405 | 505 | 16 | ** | M33 | 185 | 190 |
| DN500 | PN40 | RF | 232 | 660 | 50 | 535 | 2 | 400 | 405 | 585 | 16 | ** | M36X3 | 225 | 232 |
| | PN10 | RF | 203 | 615 | 28 | 535 | 2 | 450 | 455 | 565 | 20 | ** | M24 | 130 | 184 |
| | PN16 | RF | 203 | 640 | 40 | 548 | 2 | 450 | 455 | 585 | 20 | ** | M27 | 160 | 200 |
| DN550 | PN25 | RF | 203 | 670 | 46 | 548 | 2 | 450 | 455 | 600 | 20 | ** | M33 | 190 | 230 |
| | PN40 | RF | 264 | 685 | 57 | 560 | 2 | 450 | 455 | 610 | 20 | ** | M36X3 | 230 | 248 |
| | PN10 | RF | 219 | 670 | 28 | 582 | 2 | 500 | 505 | 635 | 20 | ** | M24 | 135 | 223 |
| DN600 | PN16 | RF | 219 | 715 | 44 | 609 | 2 | 500 | 505 | 650 | 20 | ** | M30 | 175 | 248 |
| | PN25 | RF | 219 | 730 | 48 | 609 | 2 | 500 | 510 | 660 | 20 | ** | M33 | 205 | 273 |
| | PN40 | RF | 292 | 755 | 57 | 615 | 2 | 500 | 505 | 670 | 20 | ** | M39X3 | 245 | 317 |
| DN700 | PN10 | RF | 222 | 780 | 34 | 682 | 2 | 600 | 605 | 725 | 20 | ** | M27 | 150 | 350 |
| | PN16 | RF | 222 | 840 | 54 | 720 | 2 | 600 | 605 | 770 | 20 | ** | M33 | 200 | 400 |
| | PN25 | RF | 222 | 845 | 58 | 720 | 2 | 600 | 605 | 770 | 20 | ** | M36X3 | 220 | 434 |
| DN800 | PN40 | RF | 318 | 890 | 72 | 735 | 2 | 600 | 605 | 795 | 20 | ** | M45X3 | 260 | 481 |
| | PN10 | RF | 305 | 895 | 34 | 794 | 5 | 685 | 690 | 840 | 24 | ** | M27 | 140 | 460 |
| | PN16 | RF | 305 | 910 | 40 | 794 | 5 | 685 | 690 | 840 | 24 | ** | M33 | 205 | 490 |
| DN900 | PN25 | RF | 305 | 960 | 50 | 820 | 5 | 685 | 690 | 875 | 24 | ** | M39X3 | 240 | 523 |
| | PN10 | RF | 305 | 1015 | 36 | 901 | 5 | 785 | 790 | 950 | 24 | ** | M30 | 155 | 661 |
| | PN16 | RF | 305 | 1025 | 42 | 901 | 5 | 785 | 790 | 950 | 24 | ** | M36X3 | 210 | 698 |
| DN1000 | PN25 | RF | 305 | 1085 | 54 | 928 | 5 | 785 | 790 | 990 | 24 | ** | M45X3 | 250 | 739 |
| | PN10 | RF | 368 | 1115 | 38 | 1001 | 5 | 885 | 890 | 1050 | 28 | ** | M30 | 160 | 754 |
| | PN16 | RF | 368 | 1125 | 44 | 1001 | 5 | 885 | 890 | 1150 | 28 | ** | M36X3 | 215 | 785 |
| DN1200 | PN25 | RF | 368 | 1185 | 58 | 1028 | 5 | 885 | 890 | 1090 | 28 | ** | M45X3 | 265 | 846 |
| | PN10 | RF | 432 | 1230 | 38 | 1112 | 5 | 980 | 990 | 1160 | 28 | ** | M33 | 160 | 1070 |
| | PN16 | RF | 432 | 1255 | 46 | 1112 | 5 | 980 | 990 | 1170 | 28 | ** | M39X3 | 235 | 1150 |
| DN1200 | PN25 | RF | 432 | 1320 | 62 | 1140 | 5 | 980 | 990 | 1210 | 28 | ** | M52X3 | 285 | 1290 |
| | PN10 | RF | 524 | 1455 | 44 | 1328 | 5 | 1170 | 1180 | 1380 | 32 | ** | M36X3 | 185 | 1626 |
| | PN16 | RF | 524 | 1485 | 52 | 1328 | 5 | 1170 | 1180 | 1390 | 32 | ** | M45X3 | 250 | 1735 |
| PN25 | RF | 524 | 1530 | 70 | 1350 | 5 | 1170 | 1180 | 1420 | 32 | ** | M52X3 | 290 | 1855 | |