

VP -460 Ball Check Value (볼 체크 밸브) -470 Ball Foot Value (볼 후트 밸브)

- Pressure rating : 1/2"~2-1/2" 150 PSI, 3"~4" 100 PSI
- Minimum flow pressure : 2~4 PSI
- Vertically installed, the arrow should be upward.
- Ball sealing design to be able to seal hermetically.
- 사용압력 : 1/2"~2-1/2" 150 PSI, 3"~4" 100 PSI
- 최저개폐압력 : 2~4 PSI
- 유체의 방향과 화살표의 방향이 수직이 되도록 설치.
- 역류방지설계 및 우수한 밀폐성.

| Type | Size | Standard | Material | Seal | End type |
|--------|---------|----------------|----------|----------------|------------------|
| VP-460 | 1/2"~4" | ANSI, JIS, DIN | PVC | EPDM, FPM, NBR | Socket, Threaded |
| VP-461 | 1/2"~4" | ANSI, JIS, DIN | CPVC | EPDM, FPM, NBR | Socket, Threaded |
| VP-463 | 1/2"~4" | ANSI, JIS, DIN | PVDF | EPDM, FPM, NBR | Socket, Threaded |
| VP-464 | 1/2"~4" | ANSI, JIS, DIN | PP | EPDM, FPM, NBR | Socket, Threaded |
| VP-470 | 1/2"~4" | ANSI, JIS, DIN | PVC | EPDM, FPM, NBR | Socket, Threaded |



| Nom. | SIZE | 15mm (1/2") | 20mm (3/4") | 25mm (1") | 32mm (1-1/4") | 40mm (1-1/2") | 50mm (2") | 65mm (2-1/2") | 80mm (3") | 100mm (4") |
|--------|------|-------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|------------|
| | JIS | d1 | 22,30 | 26,30 | 32,33 | 38,6 | 48,46 | 60,56 | 76,60 | 89,6 |
| | d2 | 21,70 | 25,70 | 31,67 | 37,67 | 47,54 | 59,44 | 75,87 | 88,83 | 113,98 |
| | l | 22,22 | 25,4 | 28,6 | 31,75 | 34,9 | 38,1 | 61 | 63 | 69 |
| ANSI | d1 | 21,54 | 26,87 | 33,65 | 42,42 | 48,56 | 60,63 | 73,38 | 89,31 | 114,76 |
| | d2 | 21,23 | 26,57 | 33,27 | 42,04 | 48,11 | 60,17 | 72,85 | 88,7 | 114,07 |
| | l | 22,22 | 25,40 | 28,58 | 31,75 | 34,93 | 38,10 | 44,45 | 47,63 | 57,15 |
| DIN | d1 | 20,3 | 25,3 | 32,3 | 40,3 | 50,3 | 63,3 | 75,3 | 90,3 | 110,4 |
| | d2 | 19,9 | 24,9 | 31,9 | 39,9 | 49,9 | 62,9 | 74,9 | 89,9 | 109,9 |
| | l | 16 | 19 | 22 | 26 | 31 | 38 | 44 | 51 | 61 |
| thd/in | NPT | 14 | 14 | 11,5 | 11,5 | 11,5 | 11,5 | 8 | 8 | 8 |
| | BSPT | 14 | 14 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | D | 50 | 62 | 72 | 97 | 97 | 107 | 163 | 163 | 225 |
| | d | 13 | 20 | 25 | 36 | 40 | 50 | 70 | 77 | 102 |
| | H | 93 | 109 | 122 | 155 | 155 | 178 | 262 | 262 | 321 |

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|------|------|-------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|------------|
| | JIS | D | 95,5 | 100 | 124,5 | 134,5 | 140,5 | 155 | 175 | 184,5 |
| | D1 | 70 | 75 | 90 | 100 | 105 | 120 | 140 | 150 | 175 |
| | n-Øe | 4-15 | 4-15 | 4-19 | 4-19 | 4-19 | 4-19 | 4-19 | 8-19 | 8-19 |
| | H | 111 | 138 | 152 | 190 | 190 | 219 | 307 | 308 | 364 |
| ANSI | D | 89 | 98 | 108 | 117 | 127 | 155 | 178,5 | 190,5 | 230 |
| | D1 | 60 | 70 | 79 | 89 | 98 | 121 | 140 | 152 | 191 |
| | n-Øe | 4-16 | 4-16 | 4-16 | 4-16 | 4-16 | 4-19 | 4-19 | 4-19 | 8-19 |
| | H | 105 | 132 | 149 | 184 | 188 | 219 | 307 | 309 | 369 |
| DIN | D | 95,5 | 100 | 124,5 | 134,5 | 140,5 | 155 | 175 | 184,5 | 209,5 |
| | D1 | 65 | 75 | 85 | 100 | 110 | 125 | 145 | 160 | 180 |
| | n-Øe | 4-15 | 4-15 | 4-15 | 4-19 | 4-19 | 4-19 | 4-19 | 8-19 | 8-19 |
| | H | 111 | 138 | 150 | 190 | 190 | 219 | 307 | 308 | 364 |

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| | d2 | 21,70 | 25,70 | 31,67 | 37,67 | 47,54 | 59,44 | 75,87 | 88,83 | 113,98 |
| | l | 22,22 | 25,4 | 28,6 | 31,75 | 34,9 | 38,1 | 61 | 63 | 69 |
| ANSI | d1 | 21,54 | 26,87 | 33,65 | 42,42 | 48,56 | 60,63 | 73,38 | 89,31 | 114,76 |
| | d2 | 21,23 | 26,57 | 33,27 | 42,04 | 48,11 | 60,17 | 72,85 | 88,7 | 114,07 |
| | l | 22,22 | 25,40 | 28,58 | 31,75 | 34,93 | 38,10 | 44,45 | 47,63 | 57,15 |
| DIN | d1 | 20,3 | 25,3 | 32,3 | 40,3 | 50,3 | 63,3 | 75,3 | 90,3 | 110,4 |
| | d2 | 19,9 | 24,9 | 31,9 | 39,9 | 49,9 | 62,9 | 74,9 | 89,9 | 109,9 |
| | l | 16 | 19 | 22 | 26 | 31 | 38 | 44 | 51 | 61 |
| thd/in | NPT | 14 | 14 | 11,5 | 11,5 | 11,5 | 11,5 | 8 | 8 | 8 |
| | BSPT | 14 | 14 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | D | 61 | 71 | 83 | 111 | 111 | 124 | 163 | 163 | 225 |
| | d | 13 | 20 | 25 | 36 | 40 | 50 | 70 | 77 | 102 |
| | H | 137 | 154 | 169 | 204 | 204 | 241 | 321 | 321 | 392 |

| NO. | PART | MATERIAL | Q'TY |
|-----|-----------|----------------------|------|
| 1 | BODY | UPVC, CPVC, PP, PVDF | 1 |
| 2 | UNION NUT | UPVC, CPVC, PP, PVDF | 1 |
| 3 | CONNECTOR | UPVC, CPVC, PP, PVDF | 1 |
| 4 | BALL | UPVC, CPVC, PP, PVDF | 1 |
| 5 | GLAND | UPVC, CPVC, PP, PVDF | 1 |
| 6 | SEAL | EPDM, FPM, NBR | 1 |
| 7 | FLANGE | UPVC, CPVC, PP, PVDF | 2 |
| 8 | FILTER | UPVC, CPVC, PP, PVDF | 1 |

