



SPECIAL CHARACTERISTICS

- Lightweight
- Compact
- Economical
- Easily installed
- Tight shut-off (resilient seat)
- Anti-slam
- Complies fully with API 594
- Suitable for all common flanges

| Model | 717 | 727 | 747 |
|------------------|-----------|------------|----------|
| Body | Bronze | Steel | 316 S.S. |
| Plates | Bronze | 316 S.S. | 316 S.S. |
| Pins | Monel | 316 S.S. | 316 S.S. |
| Retainers | Monel | 316 S.S. | 316 S.S. |
| Spring | Inconel-X | Suffix 'X' | |
| Seat | Metal | Suffix 'M' | |
| | Viton | Suffix 'V' | |
| | Buna. N | Suffix 'B' | |

Principle Dimensions

| | | | | | | | | | | | | | | | |
|-----------------------------------|---------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Nominal size 'DN' (mm) | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
| Outlet bore 'DI' (mm) | 50 | 60 | 73 | 89 | 114 | 141 | 168 | 219 | 273 | 324 | 356 | 406 | 457 | 508 | 610 |
| Length 'L' (mm) (ANSI 150) | 60 | 60 | 67 | 73 | 73 | 86 | 98 | 127 | 146 | 181 | 184 | 191 | 203 | 219 | 222 |
| (ANSI 300) | 60 | 60 | 67 | 73 | 73 | 86 | 98 | 127 | 146 | 181 | 222 | 232 | 269 | 292 | 318 |
| Outside diameter 'DO' (mm) | See table on page 3 | | | | | | | | | | | | | | |
| Weight (Kg) | 2 | 3 | 4 | 5 | 7 | 14 | 15 | 30 | 50 | 85 | 100 | 165 | 185 | 250 | 400 |

Working temperatures up to 593°C
 Working pressures up to 50 Bar
 Higher pressures on request

Lugged style on request
 Larger sizes on request

Abacus Wafer Check Valves

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NOTES

- Wafer pattern design offers significant space and weight reduction compared with traditional flanged valve design
- Superior by design
- 24 hour quotation turn around
- Comprehensive stocks
- Worldwide distribution
- Technical assistance and advice always available