



### SPECIAL CHARACTERISTICS

- Lightweight
- Compact
- Economical
- Easily installed
- Anti slam
- Tight shut-off (resilient seat)
- Low maintenance
- One piece disc and shaft for maximum strength
- Complies with API 594
- Suitable for all common flanges
- One moving part

Model	517	527	547	557	567	577	587
<b>Body</b>	Bronze	Steel	316 S.S.	Monel	Titanium	Hastelloy	D.S.S.
<b>Seat Carrier</b>	Bronze	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	D.S.S.
<b>Disc</b>	Bronze	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	D.S.S.
<b>Pin</b>	Monel	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	D.S.S.

<b>Seat</b>	Metal	Suffix 'M'
	Viton	Suffix 'V'
	P.T.F.E.	Suffix 'P'

### Principle Dimensions

<b>Nominal size 'DN' (mm)</b>	40	50	65	80	100	125	150	200	250	300
<b>Inlet bore 'DI' (mm)</b>	26	35	46	57	80	102	125	166	208	250
<b>Length 'L' (mm)</b>	60	60	67	73	73	86	98	127	146	181
<b>Outside diameter 'DO' (mm)</b>	See table on page 3									
<b>Weight (Kg)</b>	2	3	4	5	7	14	15	30	50	90

Working temperatures up to 600°C  
 Working pressures up to 100 Bar  
 Lugged style on request  
 Larger sizes on request  
 Higher pressures 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