



SPECIAL CHARACTERISTICS

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

Model	919	929	939	949
Body	Bronze	Steel	410 S.S.	316 S.S.
Seat Carrier	Bronze	316 S.S.	410 S.S.	316 S.S.
Plates	Bronze	316 S.S.	410 S.S.	316 S.S.
Pin	316 S.S.	316 S.S.	410 S.S.	316 S.S.

Model	959	969	979	989
Body	Monel	Titanium	Hastelloy	D.S.S.
Seat Carrier	Monel	Titanium	Hastelloy	D.S.S.
Plates	Monel	Titanium	Hastelloy	D.S.S.
Pin	Monel	Titanium	Hastelloy	D.S.S.

Spring	Inconel	Suffix 'I'	Titanium	Suffix 'T'
	Inconel-X	Suffix 'X'	Hastelloy	Suffix 'H'

Seat	Metal	Suffix 'M'
	Viton	Suffix 'V'
	P.T.F.E.	Suffix 'P'

Principle Dimensions										
Nominal size 'DN' (mm)	40	50	65	80	100	125	150	200	250	300
Length 'L' (mm)	60	60	67	73	73	86	98	127	146	181
Outside diameter 'DO' (mm)	See table on page 3									
Weight (Kg)	3	4	5	6	8	15	18	35	55	95

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