



SPECIAL CHARACTERISTICS

- Full bore
- Lightweight
- Compact
- Economical
- Easily installed
- Tight shut-off (resilient seat)
- One piece disc and shaft for maximum strength
- Anti slam

Model	519	529	549	559	569	579	589
Body	Bronze	Steel	316 S.S.	Monel	Titanium	Hastelloy	D.S.S.
Seat Carrier	Bronze	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	D.S.S.
Disc	Bronze	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	D.S.S.
Pin	Monel	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	D.S.S.

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

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

Principle Dimensions

Nominal size 'DN' (mm)	15	20	25	40	50	65	80	100
Length 'L' (mm)	37	44	51	68	78	93	108	130
Outside diameter 'DO' (mm)	See table on page 3							
Weight (Kg)	0.5	0.7	1.0	1.8	2.5	4.0	6.0	8.0

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