



MODEL	417	427	437	447	457	467	477	487
Body	Bronze	Steel	LTCS	316 S.S.	Monel	Titanium	Hastelloy	Duplex SS
Pin Carriers	Bronze	316 S.S.	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	Duplex SS
Plates	Bronze	316 S.S.	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	Duplex SS
Pins	316 S.S.	316 S.S.	316 S.S.	316 S.S.	Monel	Titanium	Hastelloy	Duplex SS
Spring				Inconel (I)				
				Inconel-X (X)				
				Titanium (T)				
				Hastelloy (H)				
Ret. Clip				316 S.S.				
Lug Bearings				316 S.S.				
Seat				Metal (M)				
				Viton (V)				
				Buna (B)				

### SPECIAL CHARACTERISTICS

- Lightweight
- Compact & Economical
- No leakpath to atmosphere
- Easily Installed
- Tight Shut-off (Resilient Seal)
- Anti-Slam
- Complies fully with API594
- Suitable for all common flanges

### Principal Dimensions

Nominal Size 'DN' (mm)		50	65	80	100	125	150	200	250	300	350	400	450	500	600
Outlet Bore 'DI' (mm)		60	73	89	114	141	168	219	273	324	356	406	457	508	610
Face to Face 'L' (mm)	(CL 150)	60	67	73	73	86	98	127	146	181	184	191	203	219	222
	(CL 300)	60	67	73	73	86	98	127	146	181	222	232	269	292	318
Outside Diameter 'DO' (mm)		see table on page 3													
Approx Mass (kg)		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  
 Larger sizes and specials on request

Higher pressures on request  
 Double flanged option available  
 Solid lugged option available

### Abacus Valves International Ltd

t: +44(0)1505 681 777  
 F: +44(0)1505 683 999  
 E: sales@abacusvalves.com  
 W: www.abacusvalves.com

Block 4, Riverside Road  
 Paddockholm Ind. Est.  
 Kilbirnie  
 Ayrshire KA25 7EW

### NOTES

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