



SECTION X-X

MODEL	414	424	434	444	454	464	474	484
Body	C95800	WCB	LCC	CF8M	M35-1	Titanium	CW12MW	Gr 4A
Pin Carriers	Alloy 400	316 S.S.	316 S.S.	316 S.S.	Alloy 400	Titanium	C-276	F51
Plates	C95800	CF8M	CF8M	CF8M	M35-1	Titanium	CW12MW	Gr 4A
Pins	Alloy 400	316 S.S.	316 S.S.	316 S.S.	Alloy 400	Titanium	C-276	F51
Spring	Inconel 625(I)							
	Inconel-X750 (X)							
	Titanium (T)							
	Hastelloy C-276 (H)							
Bearings	316 S.S.							
Seat	Metal (M)							
	Viton (V)							
	Buna (B)							

Principal Dimensions

Nominal Size 'DN' (mm)		50	80	100	150
Face to Face 'L' (mm)	(CL 150)	114	121	121	130
	(CL 300)	114	121	121	130
Outer Diameter 'DO' (mm)	(CL 150)	152	191	229	279
	(CL 300)	165	210	254	318
No. Of Holes 'N'	(CL 150)	4	4	8	8
	(CL 300)	8	8	8	12
PCD (mm)	(CL 150)	121	152	191	241
	(CL 300)	127	168	200	270
Hole Diameter 'ØH' (mm)	(CL 150)	19	19	19	22
	(CL 300)	19	22	22	22
Approx Mass (kg)	(CL 150)	7	13	19	29
	(CL 300)	8	15	25	41

SPECIAL CHARACTERISTICS

- Lightweight
- Compact & Economical
- No leakpath to atmosphere
- Easily Installed
- Tight Shut-off (Resilient Seal)
- Anti-Slam
- Complies with API594 (except face to face)
- Suitable for ASME B16.5 flanges

ASME B16.34 P/T Ratings

Longer Face to Face options available

Larger sizes and specials on request

Higher pressures on request

Alternative flange options available

Alternative material configurations available

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NOTES

- Wafer 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