



## Specification

Pipe: Steel Fabrication Sch. 40 ASTM A 106 Gr.B,  
 Cast Steel ASTM A 216 Gr. WCB  
 Flange: ASTM A105 as per ANSI B 16.5, 150#  
 Lining: FEP / PFA / HDPE / PP / PVDF  
 Lining Thk.: 3mm to 8mm

## Testing

- 1) 100% Visual Check/ Dimensional Check
- 2) 100% Hydro Test at 29.8 Kg/cm<sup>2</sup>(g) holding time 3 min,  
as per ASTM F1545 -15A
- 3) 100% Spark Test at 15KV after Lining
- 4) 100% Lining Thk. to be Checked



DIMENSION TABLE		
Size		Length
NB1	NB2	L
25	25	89
40	40	102
40	25	102
50	50	114
50	40	114
50	25	114
80	80	140
80	50	140
80	40	140
80	25	140
100	100	165

DIMENSION TABLE		
Size		Length
NB1	NB2	L
100	80	165
100	50	165
100	40	165
100	25	165
150	150	203
150	100	203
150	50	203
200	200	229
250	250	279
300	300	305

FLANGE DIMENSION DETAIL						
Flange Size	Diameter	Raised Face	P.C.D	Flange Thick.	No. of Holes	Hole Dia
NB	D	R/F	K	T	N	Ø
25	108	51	79.4	19.5	4	19
40	127	73	98.4	22.2	4	19
50	152.4	92	120.7	24	4	19
80	190.5	127	152.4	24	8	19
100	228.6	157	190.5	25.5	8	22.2
150	279.5	216	241.3	29	12	22.2
200	342.9	270	298.5	30.5	12	25.4
250	406.4	324	362	32	12	25.4
300	482.6	381	431.8	34.9	12	28.6
350	533.4	413	476.2	35	12	28.6