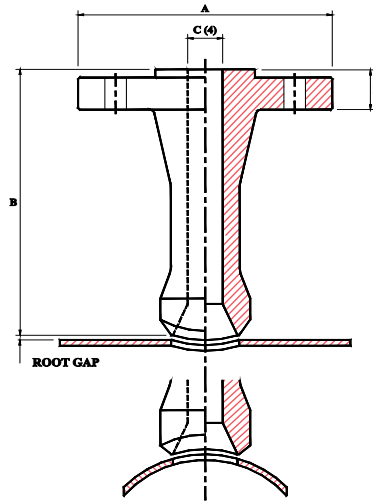


CONTOURED BODIED NIPOFLANGE

NOTES:-

1. Flange dimensions to ANSI B16.5.
2. Dimensions 'B' can be modified to suit purchaser's requirements.
3. Dimensions 'B' & 'D' includes raised face thickness.
4. Bore (SCH) 'C' purchaser to specify
5. Larger outlet sizes are available on application.
6. Parallel bores are available on request.



Provided that a full design criteria is supplied at the time of the order, Promat Engineering could reduce the welding volume by up to 75% and avoid over-application of welds, thereby reducing HAZ (heat affected zone) and the possibility of cracking and eventual fatigue failure or leakage.

Design Criteria to include:

- Actual Operating Pressure
- Operating Temperature
- Corrosion Allowance
- Wall Thickness
- Material Grade

FOR MINIMUM WELDING SEE DESIGN SPECIFICATION PAGE 72

150#				
BRANCH NB	FLANGE OD A	OVERALL LENGTH B	FLANGE THK D	WEIGHT Kg APPROX
1/2" (15)	89	140	11.6	1.0
3/4" (20)	99	145	13.2	1.5
1" (25)	108	145	14.7	2.0
1 1/2" (40)	127	150	17.9	3.5
2" (50)	152	155	19.5	5.0

300#				
BRANCH NB	FLANGE OD A	OVERALL LENGTH B	FLANGE THK D	WEIGHT Kg APPROX
1/2" (15)	96	140	14.7	1.0
3/4" (20)	117	150	16.3	2.0
1" (25)	124	150	17.9	2.0
1 1/2" (40)	156	160	21.1	4.5
2" (50)	165	160	22.7	6.0

600#				
BRANCH NB	FLANGE OD A	OVERALL LENGTH B	FLANGE THK D	WEIGHT Kg APPROX
1/2" (15)	96	150	21.3	1.0
3/4" (20)	117	155	22.9	2.0
1" (25)	124	160	24.5	2.0
1 1/2" (40)	156	165	29.3	5.0
2" (50)	165	170	32.4	7.5

900#				
BRANCH NB	FLANGE OD A	OVERALL LENGTH B	FLANGE THK D	WEIGHT Kg APPROX
1/2" (15)	121	155	29.3	2.5
3/4" (20)	130	165	32.4	3.0
1" (25)	149	170	35.6	4.5
1 1/2" (40)	178	180	38.8	7.5
2" (50)	216	200	45.1	13.5

1500#				
BRANCH NB	FLANGE OD A	OVERALL LENGTH B	FLANGE THK D	WEIGHT Kg APPROX
1/2" (15)	121	155	29.3	2.5
3/4" (20)	130	165	32.4	3.0
1" (25)	149	170	35.6	4.5
1 1/2" (40)	178	180	38.8	7.5
2" (50)	216	200	45.1	13.5

2500#				
BRANCH NB	FLANGE OD A	OVERALL LENGTH B	FLANGE THK D	WEIGHT Kg APPROX
1/2" (15)	133	170	37.2	3.5
3/4" (20)	140	175	38.8	4.0
1" (25)	159	185	42.0	6.0
1 1/2" (40)	203	205	51.5	12.5
2" (50)	235	225	57.9	21.0

