



| Nominal Pipe Size NPS | O.D. of Flange O | Thickness ⁽¹⁾ | | Length Through Hub ⁽¹⁾ Y | Hub Dia. at Base X | Hub Dia. at Welding End A | Diameter of Raised Face ⁽²⁾ R | Drilling | | | Diameter of Bolts | Radius of Fillet r | Approximate Weight each/lbs. | |
|-----------------------|------------------|--------------------------|----------------------------|-------------------------------------|--------------------|---------------------------|--|---------------------------|----------------------|------------------------|-------------------|--------------------|------------------------------|-------|
| | | W/N t _f (min) | Blind t _f (min) | | | | | Diameter of Bolt Circle W | Number of Bolt Holes | Diameter of Bolt Holes | | | W/N | Blind |
| | | 26 | 38.25 | | | | | 3.50 | 3.88 | 7.62 | | | 28.62 | 26.00 |
| 28 | 40.75 | 3.75 | 4.12 | 8.12 | 30.81 | 28.00 | 31.50 | 37.00 | 28 | 2 | 1 7/8 | 0.50 | 792 | 1475 |
| 30 | 43.00 | 4.00 | 4.38 | 8.62 | 32.94 | 30.00 | 33.75 | 39.25 | 28 | 2 1/8 | 2 | 0.50 | 912 | 1743 |
| 32 | 45.25 | 4.25 | 4.56 | 9.12 | 35.00 | 32.00 | 36.00 | 41.50 | 28 | 2 1/8 | 2 | 0.50 | 1055 | 2019 |
| 34 | 47.50 | 4.38 | 4.81 | 9.50 | 37.19 | 34.00 | 38.00 | 43.50 | 28 | 2 1/8 | 2 | 0.56 | 1187 | 2358 |
| 36 | 50.00 | 4.50 | 5.06 | 9.88 | 39.38 | 36.00 | 40.25 | 46.00 | 32 | 2 1/8 | 2 | 0.56 | 1343 | 2753 |
| 38 | 47.50 | 4.88 | 4.88 | 8.12 | 39.50 | 38.00 | 40.75 | 44.00 | 32 | 1 7/8 | 1 3/4 | 0.56 | 886 | 2405 |
| 40 | 50.00 | 5.12 | 5.12 | 8.50 | 41.50 | 40.00 | 43.00 | 46.25 | 32 | 2 | 1 7/8 | 0.56 | 1020 | 2788 |
| 42 | 52.00 | 5.25 | 5.25 | 8.81 | 43.62 | 42.00 | 45.00 | 48.25 | 32 | 2 | 1 7/8 | 0.56 | 1122 | 3103 |
| 44 | 54.50 | 5.50 | 5.50 | 9.18 | 45.62 | 44.00 | 47.25 | 50.50 | 32 | 2 1/8 | 2 | 0.56 | 1277 | 3561 |
| 46 | 56.75 | 5.75 | 5.75 | 9.62 | 47.75 | 46.00 | 49.50 | 52.75 | 36 | 2 1/8 | 2 | 0.56 | 1422 | 4025 |
| 48 | 59.50 | 6.00 | 6.00 | 10.12 | 49.88 | 48.00 | 51.50 | 55.25 | 28 | 2 3/8 | 2 1/4 | 0.56 | 1685 | 4635 |
| 50 | 61.75 | 6.19 | 6.25 | 10.56 | 52.00 | 50.00 | 53.62 | 57.50 | 32 | 2 3/8 | 2 1/4 | 0.56 | 1840 | 5183 |
| 52 | 63.75 | 6.38 | 6.44 | 10.88 | 54.00 | 52.00 | 55.62 | 59.50 | 32 | 2 3/8 | 2 1/4 | 0.56 | 1996 | 5704 |
| 54 | 67.00 | 6.69 | 6.75 | 11.38 | 56.12 | 54.00 | 57.88 | 62.25 | 28 | 2 5/8 | 2 1/2 | 0.56 | 2418 | 6603 |
| 56 | 69.00 | 6.88 | 6.94 | 11.75 | 58.25 | 56.00 | 60.12 | 64.25 | 32 | 2 5/8 | 2 1/2 | 0.56 | 2537 | 7174 |
| 58 | 71.00 | 7.00 | 7.12 | 12.06 | 60.25 | 58.00 | 62.12 | 66.25 | 32 | 2 5/8 | 2 1/2 | 0.56 | 2685 | 7812 |
| 60 | 74.25 | 7.31 | 7.44 | 12.56 | 62.38 | 60.00 | 64.38 | 69.00 | 32 | 2 7/8 | 2 3/4 | 0.56 | 3141 | 8872 |

All dimensions are given in inches.

Notes:

(1) 1/4" RF NOT included in Flange Thickness (t_f) and Length Through Hub (Y).

(2) Class 400 Series A Flanges are also available in Ring Joint. Please see Page 32.

Trans Am

Piping Products Ltd.