



# M/s. Chhaganlal Dharamchand Shah

## DIMENSION FOR CLASS 900 FLANGES

| Nom. Pipe Size (inches) | O      | Q*    | R     | X     | No. of Holes | Dia of Bolt Holes | Bolt Circle Dia | YY*   | H     | J                                | Y*    | B     | r    | YV    | BB    | Z     | C     | T |  |
|-------------------------|--------|-------|-------|-------|--------------|-------------------|-----------------|-------|-------|----------------------------------|-------|-------|------|-------|-------|-------|-------|---|--|
| 1/2                     | 120.7  | 22.4  | 35.1  | 38.1  | 4            | 22.4              | 82.6            | 60.5  | 21.3  | TO BE SPECIFIED BY THE PURCHASER | 31.8  | 22.4  | 3    | 31.8  | 22.9  | 23.6  | 22.4  |   |  |
| 3/4                     | 130    | 25.4  | 42.9  | 44.5  | 4            | 22.4              | 88.9            | 69.9  | 26.7  |                                  | 35.1  | 27.7  | 3    | 35.1  | 28.2  | 29    | 25.4  |   |  |
| 1                       | 149.4  | 28.4  | 50.8  | 52.3  | 4            | 25.4              | 101.6           | 73.2  | 33.5  |                                  | 41.1  | 34.5  | 3    | 41.1  | 35.1  | 35.8  | 28.4  |   |  |
| 1 1/4                   | 158.8  | 28.4  | 63.5  | 63.5  | 4            | 25.4              | 111.3           | 73.2  | 42.2  |                                  | 41.1  | 43.2  | 4.8  | 41.1  | 43.7  | 44.5  | 30.2  |   |  |
| 1 1/2                   | 177.8  | 31.8  | 73.2  | 69.9  | 4            | 28.4              | 124             | 82.6  | 48.3  |                                  | 44.5  | 49.5  | 6.4  | 44.5  | 50    | 50.5  | 31.8  |   |  |
| 2                       | 215.9  | 38.1  | 91.9  | 104.6 | 8            | 25.4              | 165.1           | 101.6 | 60.5  |                                  | 57.2  | 62    | 7.9  | 57.2  | 62.5  | 63.5  | 38.1  |   |  |
| 2 1/2                   | 244.3  | 41.1  | 104.6 | 124   | 8            | 28.4              | 190.5           | 104.6 | 73.2  |                                  | 63.5  | 74.7  | 7.9  | 63.5  | 75.4  | 76.2  | 47.8  |   |  |
| 3                       | 241.3  | 38.1  | 127   | 127   | 8            | 25.4              | 190.5           | 101.6 | 88.9  |                                  | 53.8  | 90.7  | 9.7  | 53.8  | 91.4  | 92.2  | 41.1  |   |  |
| 4                       | 292.1  | 44.5  | 157.2 | 158.8 | 8            | 31.8              | 235             | 114.3 | 114.3 |                                  | 69.9  | 116.1 | 11.2 | 69.9  | 116.8 | 117.6 | 47.8  |   |  |
| 5                       | 349.3  | 50.8  | 185.7 | 190.5 | 8            | 35.1              | 279.4           | 127   | 141.2 |                                  | 79.2  | 143.8 | 11.2 | 79.2  | 144.5 | 144.5 | 53.8  |   |  |
| 6                       | 381    | 55.6  | 215.9 | 235   | 12           | 31.8              | 317.5           | 139.7 | 168.4 |                                  | 85.9  | 170.7 | 12.7 | 85.9  | 171.5 | 171.5 | 57.2  |   |  |
| 8                       | 469.9  | 63.5  | 269.7 | 298.5 | 12           | 38.1              | 393.7           | 162.1 | 219.2 |                                  | 101.6 | 221.5 | 12.7 | 114.3 | 222.3 | 222.3 | 63.5  |   |  |
| 10                      | 546.1  | 69.9  | 323.9 | 368.3 | 16           | 38.1              | 469.9           | 184.2 | 273.1 |                                  | 108   | 276.4 | 12.7 | 127   | 277.4 | 276.4 | 71.4  |   |  |
| 12                      | 609.6  | 79.2  | 381   | 419.1 | 20           | 38.1              | 533.4           | 200.2 | 323.9 |                                  | 117.3 | 327.2 | 12.7 | 142.7 | 328.2 | 328.7 | 76.2  |   |  |
| 14                      | 641.4  | 85.9  | 412.8 | 450.9 | 20           | 41.1              | 558.8           | 212.9 | 355.6 |                                  | 130   | 359.2 | 12.7 | 155.4 | 360.2 | 360.4 | 82.6  |   |  |
| 16                      | 704.9  | 88.9  | 469.9 | 508   | 20           | 44.5              | 616             | 215.9 | 406.4 |                                  | 133.4 | 410.5 | 12.7 | 165.1 | 411.2 | 411.2 | 85.9  |   |  |
| 18                      | 787.4  | 101.6 | 533.4 | 565.2 | 20           | 50.8              | 685.8           | 228.6 | 457.2 |                                  | 152.4 | 461.8 | 12.7 | 190.5 | 462.3 | 462   | 88.9  |   |  |
| 20                      | 857.3  | 108   | 584.2 | 622.3 | 20           | 53.8              | 749.3           | 247.7 | 508   |                                  | 158.8 | 513.1 | 12.7 | 209.6 | 514.4 | 512.8 | 91.9  |   |  |
| 24                      | 1041.4 | 139.7 | 692.2 | 749.3 | 20           | 66.5              | 901.7           | 292.1 | 609.6 |                                  | 203.2 | 616   | 12.7 | 266.7 | 616   | 614.4 | 101.6 |   |  |