



### Class K :12

| Nominal Diameter |     | e1   | e 2 | L   | H   | App. Mass (Kgs) |       |
|------------------|-----|------|-----|-----|-----|-----------------|-------|
| DN               | dn  |      |     |     |     | PN 10           | PN 16 |
| 80               | 80  | 7.0  | 7.0 | 330 | 165 | 16              | 16    |
| 100              | 80  | 7.2  | 7.0 | 360 | 175 | 18              | 18    |
| 100              | 100 | 7.2  | 7.2 | 360 | 180 | 19              | 19    |
| 125              | 80  | 7.5  | 7.0 | 400 | 190 | 23              | 23    |
| 125              | 100 | 7.5  | 7.2 | 400 | 195 | 24              | 24    |
| 125              | 125 | 7.5  | 7.5 | 400 | 200 | 25              | 25    |
| 150              | 80  | 7.8  | 7.0 | 440 | 205 | 28              | 28    |
| 150              | 100 | 7.8  | 7.2 | 440 | 210 | 29              | 29    |
| 150              | 125 | 7.8  | 7.5 | 440 | 215 | 30              | 30    |
| 150              | 150 | 7.8  | 7.8 | 440 | 220 | 32              | 32    |
| 200              | 80  | 8.4  | 7.0 | 520 | 235 | 41              | 41    |
| 200              | 100 | 8.4  | 7.2 | 520 | 240 | 42              | 42    |
| 200              | 150 | 8.4  | 7.8 | 520 | 250 | 45              | 45    |
| 200              | 200 | 8.4  | 8.4 | 520 | 260 | 49              | 49    |
| 250              | 80  | 9.0  | 7.0 | 700 | 235 | 64              | 67    |
| 250              | 100 | 9.0  | 7.2 | 700 | 275 | 65              | 68    |
| 250              | 150 | 9.0  | 7.8 | 700 | 325 | 69              | 71    |
| 250              | 200 | 9.0  | 8.4 | 700 | 325 | 71              | 75    |
| 250              | 250 | 9.0  | 9.0 | 700 | 350 | 77              | 81    |
| 300              | 80  | 9.6  | 7.0 | 800 | 265 | 83              | 88    |
| 300              | 100 | 9.6  | 7.2 | 800 | 300 | 85              | 90    |
| 300              | 150 | 9.6  | 7.8 | 800 | 350 | 90              | 95    |
| 300              | 200 | 9.6  | 8.4 | 800 | 350 | 95              | 100   |
| 300              | 250 | 9.6  | 9.0 | 800 | 350 | 103             | 108   |
| 300              | 300 | 9.6  | 9.6 | 800 | 400 | 110             | 115   |
| 350              | 80  | 10.2 | 7.0 | 850 | 295 | 107             | 115   |
| 350              | 100 | 10.2 | 7.2 | 850 | 325 | 110             | 118   |
| 350              | 150 | 10.2 | 7.8 | 850 | 325 | 113             | 122   |
| 350              | 200 | 10.2 | 8.4 | 850 | 325 | 116             | 125   |

TABLE Contd.

| Class K :12      |     |      |      |      |     |                 |       |
|------------------|-----|------|------|------|-----|-----------------|-------|
| Nominal Diameter |     | e1   | e 2  | L    | H   | App. Mass (Kgs) |       |
| DN               | dn  |      |      |      |     | PN 10           | PN 16 |
| 350              | 250 | 10.2 | 9.0  | 850  | 325 | 133             | 138   |
| 350              | 300 | 10.2 | 9.6  | 850  | 425 | 137             | 144   |
| 350              | 350 | 10.2 | 10.2 | 850  | 425 | 140             | 150   |
| 400              | 80  | 10.8 | 7.0  | 900  | 325 | 135             | 145   |
| 400              | 100 | 10.8 | 7.2  | 900  | 350 | 140             | 150   |
| 400              | 150 | 10.8 | 7.8  | 900  | 350 | 149             | 158   |
| 400              | 200 | 10.8 | 8.4  | 900  | 350 | 145             | 155   |
| 400              | 250 | 10.8 | 9.0  | 900  | 350 | 152             | 163   |
| 400              | 300 | 10.8 | 9.6  | 900  | 450 | 158             | 170   |
| 400              | 400 | 10.8 | 10.8 | 900  | 450 | 170             | 185   |
| 450              | 80  | 11.4 | 7.0  | 950  | 355 | 160             | 180   |
| 450              | 100 | 11.4 | 7.2  | 950  | 375 | 166             | 185   |
| 450              | 150 | 11.4 | 7.8  | 950  | 375 | 168             | 188   |
| 450              | 200 | 11.4 | 8.4  | 950  | 375 | 170             | 190   |
| 450              | 250 | 11.4 | 9.0  | 950  | 375 | 177             | 197   |
| 450              | 300 | 11.4 | 9.6  | 950  | 475 | 184             | 204   |
| 450              | 400 | 11.4 | 10.8 | 950  | 475 | 196             | 216   |
| 450              | 450 | 11.4 | 11.4 | 950  | 475 | 201             | 230   |
| 500              | 80  | 12.0 | 7.0  | 1000 | 375 | 208             | 238   |
| 500              | 100 | 12.0 | 7.2  | 1000 | 400 | 210             | 240   |
| 500              | 150 | 12.0 | 7.8  | 1000 | 400 | 213             | 243   |
| 500              | 200 | 12.0 | 8.4  | 1000 | 400 | 215             | 245   |
| 500              | 250 | 12.0 | 9.0  | 1000 | 400 | 220             | 250   |
| 500              | 300 | 12.0 | 9.6  | 1000 | 500 | 230             | 260   |
| 500              | 350 | 12.0 | 10.2 | 1000 | 500 | 240             | 270   |
| 500              | 400 | 12.0 | 10.8 | 1000 | 500 | 250             | 280   |
| 500              | 500 | 12.0 | 12.0 | 1000 | 500 | 270             | 300   |
| 600              | 80  | 13.2 | 7.0  | 1100 | 445 | 290             | 340   |
| 600              | 100 | 13.2 | 7.2  | 1100 | 450 | 292             | 342   |
| 600              | 150 | 13.2 | 7.8  | 1100 | 450 | 295             | 345   |
| 600              | 200 | 13.2 | 8.4  | 1100 | 450 | 300             | 355   |
| 600              | 300 | 13.2 | 9.6  | 1100 | 550 | 315             | 370   |
| 600              | 400 | 13.2 | 10.8 | 1100 | 550 | 330             | 390   |
| 600              | 500 | 13.2 | 12.0 | 1100 | 550 | 350             | 420   |
| 600              | 600 | 13.2 | 13.2 | 1100 | 550 | 370             | 440   |
| 700              | 100 | 14.4 | 7.2  | 540  | 510 | 245             | 270   |
| 700              | 150 | 14.4 | 7.8  | 600  | 520 | 265             | 290   |
| 700              | 200 | 14.4 | 8.4  | 650  | 525 | 280             | 305   |
| 700              | 300 | 14.4 | 9.6  | 760  | 540 | 315             | 340   |
| 700              | 400 | 14.4 | 10.8 | 870  | 555 | 350             | 375   |
| 700              | 500 | 14.4 | 12.0 | 1000 | 570 | 405             | 435   |
| 700              | 600 | 14.4 | 13.2 | 1200 | 585 | 475             | 515   |

TABLE Contd.

| Class K :12      |      |      |      |      |     |                 |       |
|------------------|------|------|------|------|-----|-----------------|-------|
| Nominal Diameter |      | e1   | e 2  | L    | H   | App. Mass (Kgs) |       |
| DN               | dn   |      |      |      |     | PN 10           | PN 16 |
| 700              | 700  | 14.4 | 14.4 | 1200 | 600 | 505             | 545   |
| 750              | 100  | 15.0 | 7.2  | 550  | 540 | 270             | 300   |
| 750              | 150  | 15.0 | 7.8  | 610  | 550 | 280             | 310   |
| 750              | 200  | 15.0 | 8.4  | 670  | 555 | 287             | 317   |
| 750              | 300  | 15.0 | 9.6  | 780  | 570 | 349             | 384   |
| 750              | 400  | 15.0 | 10.8 | 890  | 585 | 349             | 394   |
| 750              | 500  | 15.0 | 12.0 | 1020 | 600 | 485             | 530   |
| 750              | 600  | 15.0 | 13.2 | 1130 | 615 | 500             | 545   |
| 750              | 700  | 15.0 | 14.4 | 1250 | 630 | 515             | 560   |
| 750              | 750  | 15.0 | 15.0 | 1275 | 640 | 525             | 570   |
| 800              | 100  | 15.6 | 7.2  | 560  | 570 | 350             | 375   |
| 800              | 150  | 15.6 | 7.8  | 620  | 580 | 355             | 380   |
| 800              | 200  | 15.6 | 8.4  | 690  | 585 | 360             | 385   |
| 800              | 300  | 15.6 | 9.6  | 800  | 600 | 416             | 443   |
| 800              | 400  | 15.6 | 10.8 | 910  | 615 | 440             | 480   |
| 800              | 500  | 15.6 | 12.0 | 1030 | 630 | 545             | 590   |
| 800              | 600  | 15.6 | 13.2 | 1350 | 645 | 610             | 650   |
| 800              | 700  | 15.6 | 14.4 | 1350 | 660 | 659             | 709   |
| 800              | 800  | 15.6 | 15.6 | 1350 | 675 | 660             | 700   |
| 900              | 150  | 16.8 | 7.8  | 650  | 640 | 390             | 430   |
| 900              | 200  | 16.8 | 8.4  | 730  | 645 | 400             | 440   |
| 900              | 400  | 16.8 | 10.8 | 950  | 675 | 510             | 560   |
| 900              | 600  | 16.8 | 13.2 | 1500 | 705 | 730             | 800   |
| 900              | 800  | 16.8 | 15.6 | 1500 | 735 | 830             | 890   |
| 900              | 900  | 16.8 | 16.8 | 1500 | 750 | 840             | 900   |
| 1000             | 150  | 18.0 | 7.8  | 720  | 700 | 505             | 565   |
| 1000             | 200  | 18.0 | 8.4  | 770  | 705 | 510             | 570   |
| 1000             | 400  | 18.0 | 10.8 | 990  | 735 | 670             | 730   |
| 1000             | 600  | 18.0 | 13.2 | 1650 | 765 | 970             | 1050  |
| 1000             | 800  | 18.0 | 15.6 | 1650 | 795 | 1050            | 1130  |
| 1000             | 1000 | 18.0 | 18.0 | 1650 | 825 | 1100            | 1200  |
| 1100             | 200  | 19.2 | 8.4  | 760  | 765 | 650             | 720   |
| 1100             | 400  | 19.2 | 10.8 | 980  | 795 | 770             | 860   |
| 1100             | 600  | 19.2 | 13.2 | 1210 | 825 | 940             | 1030  |
| 1100             | 800  | 19.2 | 15.6 | 1470 | 855 | 1140            | 1225  |
| 1100             | 1000 | 19.2 | 18.0 | 1690 | 885 | 1345            | 1450  |
| 1100             | 1100 | 19.2 | 19.2 | 1800 | 900 | 1450            | 1555  |
| 1200             | 200  | 20.4 | 8.4  | 780  | 825 | 800             | 900   |
| 1200             | 400  | 20.4 | 10.8 | 1070 | 855 | 990             | 1110  |
| 1200             | 600  | 20.4 | 13.2 | 1240 | 885 | 1100            | 1220  |
| 1200             | 800  | 20.4 | 15.6 | 1470 | 915 | 1300            | 1420  |

TABLE Contd.

| Class K :12      |      |      |      |      |      |                 |       |
|------------------|------|------|------|------|------|-----------------|-------|
| Nominal Diameter |      | e1   | e 2  | L    | H    | App. Mass (Kgs) |       |
| DN               | dn   |      |      |      |      | PN 10           | PN 16 |
| 1200             | 1000 | 20.4 | 18.0 | 1700 | 945  | 1500            | 1650  |
| 1200             | 1200 | 20.4 | 20.4 | 1950 | 975  | 1790            | 1950  |
| 1400             | 400  | 22.8 | 10.8 | 1050 | 950  | 1240            | 1380  |
| 1400             | 600  | 22.8 | 13.2 | 1550 | 980  | 1527            | 1665  |
| 1400             | 800  | 22.8 | 15.6 | 1760 | 1010 | 1755            | 1884  |
| 1400             | 1000 | 22.8 | 18.0 | 2015 | 1040 | 1995            | 2143  |
| 1400             | 1200 | 22.8 | 20.4 | 2015 | 1070 | 2262            | 2431  |
| 1400             | 1400 | 22.8 | 22.8 | 2200 | 1100 | 2545            | 2715  |
| 1500             | 400  | 24.0 | 10.8 | 1070 | 1005 | 1525            | 1730  |
| 1500             | 600  | 24.0 | 13.2 | 1350 | 1035 | 1700            | 1900  |
| 1500             | 800  | 24.0 | 15.6 | 1570 | 1065 | 1900            | 2100  |
| 1500             | 1000 | 24.0 | 18.0 | 1790 | 1095 | 2200            | 2400  |
| 1500             | 1200 | 24.0 | 20.4 | 2010 | 1125 | 2500            | 2700  |
| 1500             | 1400 | 24.0 | 22.8 | 2230 | 1155 | 2750            | 2980  |
| 1500             | 1500 | 24.0 | 24.0 | 2340 | 1170 | 2900            | 3130  |
| 1600             | 400  | 25.2 | 10.8 | 1100 | 1060 | 1700            | 1900  |
| 1600             | 600  | 25.2 | 13.2 | 1600 | 1090 | 2000            | 2200  |
| 1600             | 800  | 25.2 | 15.6 | 1835 | 1120 | 2300            | 2500  |
| 1600             | 1000 | 25.2 | 18.0 | 2065 | 1150 | 2500            | 2700  |
| 1600             | 1200 | 25.2 | 20.4 | 2300 | 1180 | 2800            | 3000  |
| 1600             | 1400 | 25.2 | 22.8 | 2300 | 1210 | 3208            | 3444  |
| 1600             | 1600 | 25.2 | 25.2 | 2480 | 1240 | 3586            | 3854  |
| 1800             | 600  | 27.6 | 13.2 | 1440 | 1200 | 2521            | 2768  |
| 1800             | 800  | 27.6 | 15.6 | 1660 | 1230 | 2848            | 3087  |
| 1800             | 1000 | 27.6 | 18.0 | 1880 | 1260 | 3184            | 3442  |
| 1800             | 1200 | 27.6 | 20.4 | 2100 | 1290 | 3543            | 3822  |
| 1800             | 1400 | 27.6 | 22.8 | 2320 | 1320 | 3910            | 4190  |
| 1800             | 1600 | 27.6 | 25.2 | 2540 | 1350 | 4328            | 4641  |
| 1800             | 1800 | 27.6 | 27.6 | 2760 | 1380 | 4750            | 5086  |

- NOTE :
1. Size & Dimensions in **RED** are non standard as per IS 9523-2000
  2. Tees in combination of sizes other than above can also be against specific requirement.