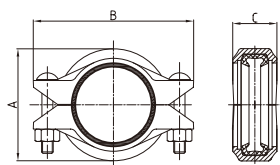
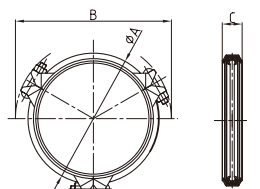
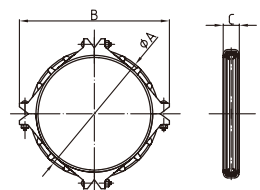


# 1N

## Standard Flexible Coupling



| Nominal Size<br>mm/in | Pipe O.D<br>mm/in | Max Working Pressure<br>PSI/MPa | Max. End Load<br>kN/Lbs | Pipe End Separation<br>mm/in | Dimensions     |              |              | Bolt Size<br>No.-Size<br>mm/in | Certificate       |
|-----------------------|-------------------|---------------------------------|-------------------------|------------------------------|----------------|--------------|--------------|--------------------------------|-------------------|
|                       |                   |                                 |                         |                              | A<br>mm/in     | B<br>mm/in   | C<br>mm/in   |                                |                   |
| 25<br>1               | 33.7<br>1.327     | 500<br>3.45                     | 3.0/680                 | 0-1.6<br>0-0.06              | 55<br>2.16     | 92<br>3.62   | 42<br>1.65   | 2-3/8×55<br>2-M10×57           | UL FM<br>VdS LPCB |
| 32<br>1¼              | 42.4<br>1.669     | 500<br>3.45                     | 4.8/1080                | 0-1.6<br>0-0.06              | 65<br>2.56     | 104<br>4.14  | 44<br>1.74   | 2-3/8×55<br>2-M10×57           | UL FM<br>VdS LPCB |
| 40<br>1½              | 48.3<br>1.900     | 500<br>3.45                     | 6.3/1420                | 0-3.2<br>0-0.13              | 70<br>2.75     | 110<br>4.33  | 44<br>1.74   | 2-3/8×55<br>2-M10×57           | UL FM<br>VdS LPCB |
| 50<br>2               | 60.3<br>2.375     | 500<br>3.45                     | 9.8/2210                | 0-3.2<br>0-0.13              | 83<br>3.27     | 125<br>4.92  | 44<br>1.74   | 2-3/8×55<br>2-M10×57           | UL FM<br>VdS LPCB |
| 65<br>2½              | 73.0<br>2.875     | 500<br>3.45                     | 14.4/3240               | 0-3.2<br>0-0.13              | 96<br>3.78     | 143<br>5.63  | 45<br>1.78   | 2-3/8×55<br>2-M10×57           | UL FM LPCB        |
| 65<br>2½              | 76.1<br>3.000     | 500<br>3.45                     | 15.7/3520               | 0-3.2<br>0-0.13              | 100<br>3.94    | 145<br>5.71  | 45<br>1.78   | 2-3/8×55<br>2-M10×57           | UL FM<br>VdS LPCB |
| 80<br>3               | 88.9<br>3.500     | 500<br>3.45                     | 21.4/4810               | 0-3.2<br>0-0.13              | 115<br>4.53    | 160<br>6.30  | 45<br>1.78   | 2-1/2×70<br>2-M12×70           | UL FM<br>VdS LPCB |
| 100<br>4              | 108.0<br>4.250    | 500<br>3.45                     | 31.5/7100               | 0-3.2<br>0-0.13              | 138<br>5.43    | 190<br>7.48  | 50<br>1.97   | 2-1/2×70<br>2-M12×70           | UL FM LPCB        |
| 100<br>4              | 114.3<br>4.500    | 500<br>3.45                     | 35.4/7960               | 0-3.2<br>0-0.13              | 145<br>5.71    | 198<br>7.80  | 50<br>1.97   | 2-1/2×70<br>2-M12×70           | UL FM<br>VdS LPCB |
| 125<br>5              | 133<br>5.250      | 300<br>2.07                     | 28.7/6460               | 0-3.2<br>0-0.13              | 162<br>6.38    | 225<br>8.86  | 51.0<br>2.01 | 2-5/8×80<br>2-M16×85           | UL FM LPCB        |
| 125<br>5              | 139.7<br>5.500    | 500<br>3.45                     | 52.9/11800              | 0-3.2<br>0-0.13              | 169<br>6.65    | 230<br>9.06  | 52<br>2.05   | 2-5/8×80<br>2-M16×85           | UL FM<br>VdS LPCB |
| 125<br>5              | 141.3<br>5.563    | 500<br>3.45                     | 54.1/12100              | 0-3.2<br>0-0.13              | 170<br>6.69    | 232<br>9.13  | 51<br>2.01   | 2-5/8×80<br>2-M16×85           | UL FM LPCB        |
| 150<br>6              | 159.0<br>6.250    | 300<br>2.07                     | 41.0/9240               | 0-3.2<br>0-0.13              | 190<br>7.48    | 256<br>10.08 | 52<br>2.05   | 2-5/8×85<br>2-M16×85           | UL FM LPCB        |
| 150<br>6              | 165.1<br>6.500    | 500<br>3.45                     | 73.8/16610              | 0-3.2<br>0-0.13              | 196<br>7.72    | 260<br>10.24 | 52<br>2.05   | 2-5/8×85<br>2-M16×85           | UL FM LPCB        |
| 150<br>6              | 168.3<br>6.625    | 500<br>3.45                     | 76.7/17260              | 0-3.2<br>0-0.13              | 200<br>7.87    | 265<br>10.43 | 52<br>2.05   | 2-5/8×85<br>2-M16×85           | UL FM<br>VdS LPCB |
| 200<br>8              | 216.3<br>8.516    | 300<br>2.07                     | 76.0/17100              | 0-3.2<br>0-0.13              | 254<br>10.00   | 320<br>12.60 | 59<br>2.32   | 2-5/8×85<br>2-M16×85           | FM                |
| 200<br>8              | 219.1<br>8.625    | 500<br>3.45                     | 116.9/26280             | 0-3.2<br>0-0.13              | 258<br>10.24   | 342<br>13.46 | 60<br>2.37   | 2-3/4×115<br>2-M20×115         | UL FM<br>VdS LPCB |
| 250<br>10             | 267.4<br>10.528   | 300<br>2.07                     | 116.2/26140             | 0-3.2<br>0-0.13              | 308.5<br>12.15 | 403<br>15.87 | 64<br>2.52   | 2-3/4×115<br>2-M20×115         | FM                |
| 250<br>10             | 273.0<br>10.750   | 500<br>3.45                     | 121.0/27210             | 0-3.2<br>0-0.13              | 337<br>13.27   | 406<br>16.00 | 65<br>2.56   | 2-7/8×140<br>2-M22×140         | UL FM VdS         |
| 300<br>12             | 318.5<br>12.539   | 300<br>2.07                     | 164.8/37090             | 0-3.2<br>0-0.13              | 363<br>14.29   | 460<br>18.11 | 63<br>2.48   | 2-7/8×140<br>2-M22×140         | FM                |
| 300<br>12             | 323.9<br>12.750   | 500<br>3.45                     | 170.3/38280             | 0-3.2<br>0-0.13              | 378<br>14.96   | 465<br>18.31 | 65<br>2.56   | 2-7/8×140<br>2-M22×140         | UL FM             |
| 350<br>14             | 355.6<br>14.000   | 300<br>2.07                     | 205.5/46220             | 0-3.2<br>0-0.13              | 402<br>15.83   | 493<br>19.41 | 72<br>2.83   | 3-7/8×140<br>3-M22×140         | UL                |
| 350<br>14             | 377.0<br>14.843   | 225<br>1.6                      | 178.5/40160             | 0-3.2<br>0-0.13              | 428<br>16.85   | 520<br>20.45 | 72<br>2.85   | 3-7/8×140<br>3-M22×140         | UL                |
| 400<br>16             | 406.4<br>16.000   | 300<br>2.07                     | 268.4/60370             | 0-3.2<br>0-0.13              | 458<br>18.03   | 547<br>21.54 | 72<br>2.85   | 3-7/8×140<br>3-M22×140         | UL                |
| 400<br>16             | 426.0<br>16.772   | 225<br>1.6                      | 227.9/51270             | 0-3.2<br>0-0.13              | 476<br>18.74   | 566<br>22.28 | 73<br>2.87   | 3-7/8×140<br>3-M22×140         | UL                |
| 450<br>18             | 457.2<br>18.000   | 300<br>2.07                     | 262.5/59060             | 0-3.2<br>0-0.13              | 505<br>19.88   | 598<br>23.54 | 78<br>3.07   | 3-7/8×140<br>3-M22×140         | UL                |
| 450<br>18             | 480.0<br>18.9     | 300<br>2.07                     | 373.8/84110             | 0-3.2<br>0-0.13              | 533<br>20.98   | 628<br>24.72 | 78<br>3.07   | 3-7/8×140<br>3-M22×140         | UL                |
| 500<br>20             | 508.0<br>20.000   | 300<br>2.07                     | 324.1/72910             | 0-3.2<br>0-0.13              | 550<br>21.65   | 648<br>25.51 | 78<br>3.07   | 4-7/8×140<br>4-M22×140         | UL                |
| 600<br>24             | 609.6<br>24.000   | 300<br>2.07                     | 466.7/104990            | 0-3.2<br>0-0.13              | 662<br>26.06   | 774<br>30.47 | 78<br>3.07   | 4-1X140                        | UL                |