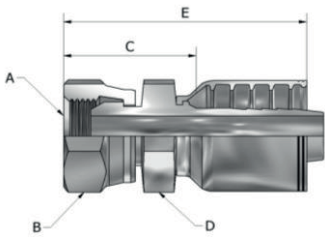


DP205 SERIES(BSP Female Straight)

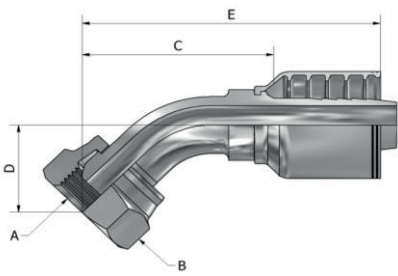
LST



| PART NUMBER    | Products Description |           |         |      |             |      |            |      |                |      |
|----------------|----------------------|-----------|---------|------|-------------|------|------------|------|----------------|------|
|                | Hose In-Dia          | Thread PF | Nut Hex |      | Tail-Growth |      | Nipple Hex |      | Overall length |      |
|                |                      |           | MM      | Inch | MM          | Inch | MM         | Inch | MM             | Inch |
|                |                      |           | B       |      | C           |      | D          |      | E              |      |
| A              | B                    |           | C       |      | D           |      | E          |      |                |      |
| DP205-02-04    | 1/4                  | 1/8-28    | 14.0    | 0.55 | 29.4        | 1.16 | 14.0       | 0.55 | 49.7           | 1.96 |
| DP205-04-04    | 1/4                  | 1/4-19    | 19.0    | 0.75 | 32.7        | 1.29 | 19.0       | 0.75 | 53.0           | 2.09 |
| DP205-04-06    | 3/8                  | 1/4-19    | 19.0    | 0.75 | 33.5        | 1.32 | 19.0       | 0.75 | 60.7           | 2.39 |
| DP205-06-04    | 1/4                  | 3/8-19    | 22.0    | 0.87 | 36.2        | 1.43 | 22.0       | 0.87 | 56.5           | 2.22 |
| DP205-06-05    | 5/16                 | 3/8-19    | 22.0    | 0.87 | 36.7        | 1.44 | 22.0       | 0.87 | 57.7           | 2.27 |
| DP205-06-06    | 3/8                  | 3/8-19    | 22.0    | 0.87 | 36.8        | 1.45 | 22.0       | 0.87 | 64.0           | 2.52 |
| DP205-06-08    | 1/2                  | 3/8-19    | 22.0    | 0.87 | 37.9        | 1.49 | 22.0       | 0.87 | 68.1           | 2.68 |
| DP205-08-06    | 3/8                  | 1/2-14    | 27.0    | 1.06 | 40.5        | 1.59 | 27.0       | 1.06 | 67.7           | 2.67 |
| DP205-08-08    | 1/2                  | 1/2-14    | 27.0    | 1.06 | 41.0        | 1.61 | 27.0       | 1.06 | 71.2           | 2.80 |
| DP205-08-10    | 5/8                  | 1/2-14    | 27.0    | 1.06 | 41.6        | 1.64 | 27.0       | 1.06 | 76.9           | 3.03 |
| DP205-08-12    | 3/4                  | 1/2-14    | 27.0    | 1.06 | 42.6        | 1.68 | 27.0       | 1.06 | 78.0           | 3.07 |
| DP205-10-08    | 1/2                  | 5/8-14    | 28.6    | 1.12 | 38.2        | 1.50 | 27.0       | 1.06 | 68.4           | 2.69 |
| DP205-10-10    | 5/8                  | 5/8-14    | 28.6    | 1.12 | 38.7        | 1.52 | 27.0       | 1.06 | 74.0           | 2.91 |
| DP205-12-08    | 1/2                  | 3/4-14    | 36.0    | 1.42 | 45.5        | 1.79 | 36.0       | 1.42 | 75.7           | 2.98 |
| DP205-12-08H32 | 1/2                  | 3/4-14    | 32.0    | 1.26 | 45.5        | 1.79 | 32.0       | 1.26 | 75.7           | 2.98 |
| DP205-12-10    | 5/8                  | 3/4-14    | 36.0    | 1.42 | 46.0        | 1.81 | 36.0       | 1.42 | 81.3           | 3.20 |
| DP205-12-10H32 | 5/8                  | 3/4-14    | 32.0    | 1.26 | 46.0        | 1.81 | 32.0       | 1.26 | 81.3           | 3.20 |
| DP205-12-12    | 3/4                  | 3/4-14    | 36.0    | 1.42 | 46.0        | 1.81 | 36.0       | 1.42 | 81.4           | 3.20 |
| DP205-12-12H32 | 3/4                  | 3/4-14    | 32.0    | 1.26 | 46.0        | 1.81 | 32.0       | 1.26 | 81.4           | 3.20 |
| DP205-16-12    | 3/4                  | 1"-11     | 41.0    | 1.61 | 50.2        | 1.98 | 41.0       | 1.61 | 85.6           | 3.37 |
| DP205-16-16    | 1"                   | 1"-11     | 41.0    | 1.61 | 52.7        | 2.07 | 41.0       | 1.61 | 93.5           | 3.68 |
| DP205-20-16    | 1"                   | 1-1/4-11  | 50.0    | 1.97 | 59.9        | 2.36 | 50.0       | 1.97 | 100.7          | 3.96 |
| DP205-20-20    | 1-1/4                | 1-1/4-11  | 50.0    | 1.97 | 60.3        | 2.37 | 50.0       | 1.97 | 104.0          | 4.09 |
| DP205-24-20    | 1-1/4                | 1-1/2-11  | 60.0    | 2.36 | 60.9        | 2.40 | 60.0       | 2.36 | 104.6          | 4.12 |
| DP205-24-24    | 1-1/2                | 1-1/2-11  | 60.0    | 2.36 | 62.8        | 2.47 | 55.0       | 2.17 | 97.2           | 3.83 |
| DP205-32-24    | 1-1/2                | 2"-11     | 70.0    | 2.76 | 69.7        | 2.74 | 70.0       | 2.76 | 104.1          | 4.10 |
| DP205-32-32    | 2"                   | 2"-11     | 70.0    | 2.76 | 70.7        | 2.78 | 70.0       | 2.76 | 114.6          | 4.51 |

DP245 SERIES(BSP Female 45° Elbow)

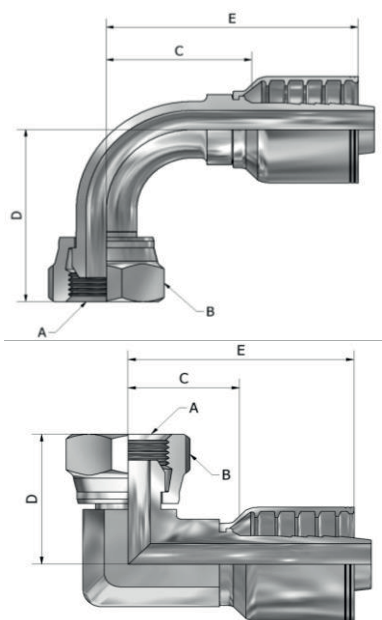
LST



| PART NUMBER    | Products Description |           |         |      |             |      |      |      |                |      |
|----------------|----------------------|-----------|---------|------|-------------|------|------|------|----------------|------|
|                | Hose In-Dia          | Thread PF | Nut Hex |      | Tail-Growth |      | Drop |      | Overall length |      |
|                |                      |           | MM      | Inch | MM          | Inch | MM   | Inch | MM             | Inch |
|                |                      |           | B       |      | C           |      | D    |      | E              |      |
| A              | B                    |           | C       |      | D           |      | E    |      |                |      |
| DP245-04-04    | 1/4                  | 1/4-19    | 19.0    | 0.75 | 40.3        | 1.59 | 19.8 | 0.78 | 59.8           | 2.35 |
| DP245-06-04    | 1/4                  | 3/8-19    | 22.0    | 0.87 | 42.7        | 1.68 | 22.2 | 0.87 | 63.0           | 2.48 |
| DP245-06-06    | 3/8                  | 3/8-19    | 22.0    | 0.87 | 44.9        | 1.77 | 22.2 | 0.87 | 72.1           | 2.84 |
| DP245-08-06    | 3/8                  | 1/2-14    | 27.0    | 1.06 | 58.5        | 2.30 | 28.8 | 1.13 | 85.7           | 3.37 |
| DP245-08-08    | 1/2                  | 1/2-14    | 27.0    | 1.06 | 53.8        | 2.12 | 28.0 | 1.10 | 84.0           | 3.31 |
| DP245-10-08    | 1/2                  | 5/8-14    | 28.6    | 1.12 | 49.7        | 1.96 | 27.6 | 1.09 | 83.9           | 3.30 |
| DP245-10-10    | 5/8                  | 5/8-14    | 28.6    | 1.12 | 53.0        | 2.09 | 24.3 | 0.96 | 88.3           | 3.48 |
| DP245-12-10    | 5/8                  | 3/4-14    | 36.0    | 1.42 | 60.4        | 2.38 | 29.2 | 1.15 | 95.7           | 3.77 |
| DP245-12-10H32 | 5/8                  | 3/4-14    | 32.0    | 1.26 | 60.4        | 2.38 | 29.2 | 1.15 | 95.7           | 3.77 |
| DP245-12-12    | 3/4                  | 3/4-14    | 36.0    | 1.42 | 68.0        | 2.68 | 32.3 | 1.27 | 103.3          | 4.07 |
| DP245-12-12H32 | 3/4                  | 3/4-14    | 32.0    | 1.26 | 68.0        | 2.68 | 32.3 | 1.27 | 103.3          | 4.07 |
| DP245-16-12    | 3/4                  | 1"-11     | 41.0    | 1.61 | 72.2        | 2.84 | 37.4 | 1.47 | 107.5          | 4.23 |
| DP245-16-16    | 1"                   | 1"-11     | 41.0    | 1.61 | 86.0        | 3.39 | 40.4 | 1.59 | 126.8          | 4.99 |
| DP245-20-20    | 1-1/4                | 1-1/4-11  | 50.0    | 1.97 | 114.8       | 4.52 | 55.5 | 2.19 | 158.5          | 6.24 |
| DP245-24-24    | 1-1/2                | 1-1/2-11  | 55.0    | 2.17 | 130.0       | 5.12 | 60.1 | 2.37 | 164.4          | 6.47 |
| DP245-32-32    | 2"                   | 2"-11     | 70.0    | 2.76 | 159.1       | 6.26 | 68.8 | 2.71 | 203.0          | 7.99 |

DP295 SERIES(BSP Female 90° Elbow)

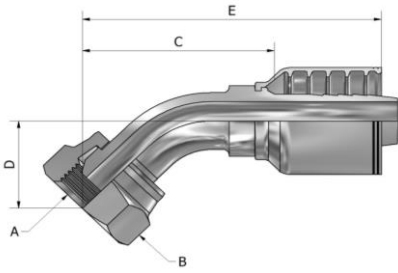
LST



| PART NUMBER     | Products Description |           |         |      |             |      |       |      |                |      |
|-----------------|----------------------|-----------|---------|------|-------------|------|-------|------|----------------|------|
|                 | Hose In-Dia          | Thread PF | Nut Hex |      | Tail-Growth |      | Drop  |      | Overall length |      |
|                 |                      |           | MM      | Inch | MM          | Inch | MM    | Inch | MM             | Inch |
|                 |                      |           | B       |      | C           |      | D     |      | E              |      |
| A               | B                    |           | C       |      | D           |      | E     |      |                |      |
| DP295-04-04     | 1/4                  | 1/4-19    | 19.0    | 0.75 | 25.7        | 1.01 | 34.4  | 1.35 | 45.3           | 1.78 |
| DP295-04-04B    | 1/4                  | 1/4-19    | 19.0    | 0.75 | 21.8        | 0.86 | 29.6  | 1.17 | 41.4           | 1.63 |
| DP295-04-04D49  | 1/4                  | 1/4-19    | 19.0    | 0.75 | 25.7        | 1.01 | 54.2  | 2.13 | 45.3           | 1.78 |
| DP295-04-06     | 3/8                  | 1/4-19    | 19.0    | 0.75 | 31.0        | 1.22 | 35.3  | 1.39 | 58.2           | 2.29 |
| DP295-06-04     | 1/4                  | 3/8-19    | 22.0    | 0.87 | 25.7        | 1.01 | 40.4  | 1.59 | 45.3           | 1.78 |
| DP295-06-06     | 3/8                  | 3/8-19    | 22.0    | 0.87 | 30.3        | 1.19 | 40.4  | 1.59 | 57.5           | 2.26 |
| DP295-06-06B    | 3/8                  | 3/8-19    | 22.0    | 0.87 | 26.3        | 1.04 | 35.4  | 1.39 | 53.5           | 2.11 |
| DP295-06-06D55  | 3/8                  | 3/8-19    | 22.0    | 0.87 | 30.3        | 1.19 | 62.4  | 2.46 | 57.5           | 2.26 |
| DP295-08-06     | 3/8                  | 1/2-14    | 27.0    | 1.06 | 38.5        | 1.52 | 50.6  | 1.99 | 65.7           | 2.59 |
| DP295-08-08     | 1/2                  | 1/2-14    | 27.0    | 1.06 | 37.8        | 1.49 | 50.6  | 1.99 | 68.0           | 2.68 |
| DP295-08-08B    | 1/2                  | 1/2-14    | 27.0    | 1.06 | 28.5        | 1.12 | 42.0  | 1.65 | 62.7           | 2.47 |
| DP295-08-08D80  | 1/2                  | 1/2-14    | 27.0    | 1.06 | 34.9        | 1.37 | 89.7  | 3.53 | 65.1           | 2.56 |
| DP295-10-10     | 5/8                  | 5/8-14    | 28.6    | 1.12 | 40.3        | 1.59 | 51.8  | 2.04 | 75.6           | 2.98 |
| DP295-12-08     | 1/2                  | 3/4-14    | 36.0    | 1.42 | 37.8        | 1.49 | 51.3  | 2.02 | 68.0           | 2.68 |
| DP295-12-08H32  | 1/2                  | 3/4-14    | 32.0    | 1.26 | 37.8        | 1.49 | 51.3  | 2.02 | 68.0           | 2.68 |
| DP295-12-10     | 5/8                  | 3/4-14    | 36.0    | 1.42 | 48.3        | 1.90 | 59.0  | 2.32 | 83.6           | 3.29 |
| DP295-12-10H32  | 5/8                  | 3/4-14    | 32.0    | 1.26 | 48.3        | 1.90 | 59.0  | 2.32 | 83.6           | 3.29 |
| DP295-12-12     | 3/4                  | 3/4-14    | 36.0    | 1.42 | 52.3        | 2.06 | 64.0  | 2.52 | 87.6           | 3.45 |
| DP295-12-12H32  | 3/4                  | 3/4-14    | 32.0    | 1.26 | 52.3        | 2.06 | 64.0  | 2.52 | 87.6           | 3.45 |
| DP295-12-12B    | 3/4                  | 3/4-14    | 36.0    | 1.42 | 37.9        | 1.49 | 45.0  | 1.77 | 73.2           | 2.88 |
| DP295-16-16     | 1"                   | 1"-11     | 41.0    | 1.61 | 78.8        | 3.10 | 84.0  | 3.31 | 119.6          | 4.71 |
| DP295-16-16D110 | 1"                   | 1"-11     | 41.0    | 1.61 | 78.8        | 3.10 | 120.5 | 4.74 | 119.6          | 4.71 |
| DP295-20-20     | 1-1/4                | 1-1/4-11  | 50.0    | 1.97 | 85.7        | 3.37 | 101.9 | 4.01 | 129.4          | 5.09 |
| DP295-24-24     | 1-1/2                | 1-1/2-11  | 55.0    | 2.17 | 102.1       | 4.02 | 120.0 | 4.72 | 136.5          | 5.37 |
| DP295-32-32     | 2"                   | 2"-11     | 70.0    | 2.76 | 141.5       | 5.57 | 152.9 | 6.02 | 185.4          | 7.30 |

# DP245 SERIES(BSP Female 45° Elbow)

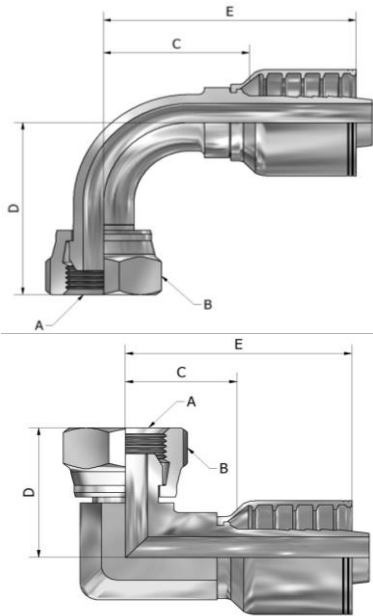
LIST



| PART NUMBER    | Products Description |           |         |      |             |      |      |      |                |      |
|----------------|----------------------|-----------|---------|------|-------------|------|------|------|----------------|------|
|                | Hose In-Dia          | Thread PF | Nut Hex |      | Tail-Growth |      | Drop |      | Overall length |      |
|                |                      |           | MM      | Inch | MM          | Inch | MM   | Inch | MM             | Inch |
|                |                      |           | A       |      | B           |      | C    |      | D              |      |
| DP245-04-04    | 1/4                  | 1/4-19    | 19.0    | 0.75 | 40.3        | 1.59 | 19.8 | 0.78 | 59.8           | 2.35 |
| DP245-06-04    | 1/4                  | 3/8-19    | 22.0    | 0.87 | 42.7        | 1.68 | 22.2 | 0.87 | 63.0           | 2.48 |
| DP245-06-06    | 3/8                  | 3/8-19    | 22.0    | 0.87 | 44.9        | 1.77 | 22.2 | 0.87 | 72.1           | 2.84 |
| DP245-08-06    | 3/8                  | 1/2-14    | 27.0    | 1.06 | 58.5        | 2.30 | 28.8 | 1.13 | 85.7           | 3.37 |
| DP245-08-08    | 1/2                  | 1/2-14    | 27.0    | 1.06 | 53.8        | 2.12 | 28.0 | 1.10 | 84.0           | 3.31 |
| DP245-10-08    | 1/2                  | 5/8-14    | 28.6    | 1.12 | 49.7        | 1.96 | 27.6 | 1.09 | 83.9           | 3.30 |
| DP245-10-10    | 5/8                  | 5/8-14    | 28.6    | 1.12 | 53.0        | 2.09 | 24.3 | 0.96 | 88.3           | 3.48 |
| DP245-12-10    | 5/8                  | 3/4-14    | 36.0    | 1.42 | 60.4        | 2.38 | 29.2 | 1.15 | 95.7           | 3.77 |
| DP245-12-10H32 | 5/8                  | 3/4-14    | 32.0    | 1.26 | 60.4        | 2.38 | 29.2 | 1.15 | 95.7           | 3.77 |
| DP245-12-12    | 3/4                  | 3/4-14    | 36.0    | 1.42 | 68.0        | 2.68 | 32.3 | 1.27 | 103.3          | 4.07 |
| DP245-12-12H32 | 3/4                  | 3/4-14    | 32.0    | 1.26 | 68.0        | 2.68 | 32.3 | 1.27 | 103.3          | 4.07 |
| DP245-16-12    | 3/4                  | 1"-11     | 41.0    | 1.61 | 72.2        | 2.84 | 37.4 | 1.47 | 107.5          | 4.23 |
| DP245-16-16    | 1"                   | 1"-11     | 41.0    | 1.61 | 86.0        | 3.39 | 40.4 | 1.59 | 126.8          | 4.99 |
| DP245-20-20    | 1-1/4                | 1-1/4-11  | 50.0    | 1.97 | 114.8       | 4.52 | 55.5 | 2.19 | 158.5          | 6.24 |
| DP245-24-24    | 1-1/2                | 1-1/2-11  | 55.0    | 2.17 | 130.0       | 5.12 | 60.1 | 2.37 | 164.4          | 6.47 |
| DP245-32-32    | 2"                   | 2"-11     | 70.0    | 2.76 | 159.1       | 6.26 | 68.8 | 2.71 | 203.0          | 7.99 |

DP295 SERIES(BSP Female 90° Elbow)

LIST



| PART NUMBER     | Products Description |           |         |      |             |      |       |      |                |      |
|-----------------|----------------------|-----------|---------|------|-------------|------|-------|------|----------------|------|
|                 | Hose In-Dia          | Thread PF | Nut Hex |      | Tail-Growth |      | Drop  |      | Overall length |      |
|                 |                      |           | MM      | Inch | MM          | Inch | MM    | Inch | MM             | Inch |
|                 |                      |           | B       |      | C           |      | D     |      | E              |      |
| DP295-04-04     | 1/4                  | 1/4-19    | 19.0    | 0.75 | 25.7        | 1.01 | 34.4  | 1.35 | 45.3           | 1.78 |
| DP295-04-04B    | 1/4                  | 1/4-19    | 19.0    | 0.75 | 21.8        | 0.86 | 29.6  | 1.17 | 41.4           | 1.63 |
| DP295-04-04D49  | 1/4                  | 1/4-19    | 19.0    | 0.75 | 25.7        | 1.01 | 54.2  | 2.13 | 45.3           | 1.78 |
| DP295-04-06     | 3/8                  | 1/4-19    | 19.0    | 0.75 | 31.0        | 1.22 | 35.3  | 1.39 | 58.2           | 2.29 |
| DP295-06-04     | 1/4                  | 3/8-19    | 22.0    | 0.87 | 25.7        | 1.01 | 40.4  | 1.59 | 45.3           | 1.78 |
| DP295-06-06     | 3/8                  | 3/8-19    | 22.0    | 0.87 | 30.3        | 1.19 | 40.4  | 1.59 | 57.5           | 2.26 |
| DP295-06-06B    | 3/8                  | 3/8-19    | 22.0    | 0.87 | 26.3        | 1.04 | 35.4  | 1.39 | 53.5           | 2.11 |
| DP295-06-06D55  | 3/8                  | 3/8-19    | 22.0    | 0.87 | 30.3        | 1.19 | 62.4  | 2.46 | 57.5           | 2.26 |
| DP295-08-06     | 3/8                  | 1/2-14    | 27.0    | 1.06 | 38.5        | 1.52 | 50.6  | 1.99 | 65.7           | 2.59 |
| DP295-08-08     | 1/2                  | 1/2-14    | 27.0    | 1.06 | 37.8        | 1.49 | 50.6  | 1.99 | 68.0           | 2.68 |
| DP295-08-08B    | 1/2                  | 1/2-14    | 27.0    | 1.06 | 28.5        | 1.12 | 42.0  | 1.65 | 62.7           | 2.47 |
| DP295-08-08D80  | 1/2                  | 1/2-14    | 27.0    | 1.06 | 34.9        | 1.37 | 89.7  | 3.53 | 65.1           | 2.56 |
| DP295-10-10     | 5/8                  | 5/8-14    | 28.6    | 1.12 | 40.3        | 1.59 | 51.8  | 2.04 | 75.6           | 2.98 |
| DP295-12-08     | 1/2                  | 3/4-14    | 36.0    | 1.42 | 37.8        | 1.49 | 51.3  | 2.02 | 68.0           | 2.68 |
| DP295-12-08H32  | 1/2                  | 3/4-14    | 32.0    | 1.26 | 37.8        | 1.49 | 51.3  | 2.02 | 68.0           | 2.68 |
| DP295-12-10     | 5/8                  | 3/4-14    | 36.0    | 1.42 | 48.3        | 1.90 | 59.0  | 2.32 | 83.6           | 3.29 |
| DP295-12-10H32  | 5/8                  | 3/4-14    | 32.0    | 1.26 | 48.3        | 1.90 | 59.0  | 2.32 | 83.6           | 3.29 |
| DP295-12-12     | 3/4                  | 3/4-14    | 36.0    | 1.42 | 52.3        | 2.06 | 64.0  | 2.52 | 87.6           | 3.45 |
| DP295-12-12H32  | 3/4                  | 3/4-14    | 32.0    | 1.26 | 52.3        | 2.06 | 64.0  | 2.52 | 87.6           | 3.45 |
| DP295-12-12B    | 3/4                  | 3/4-14    | 36.0    | 1.42 | 37.9        | 1.49 | 45.0  | 1.77 | 73.2           | 2.88 |
| DP295-16-16     | 1"                   | 1"-11     | 41.0    | 1.61 | 78.8        | 3.10 | 84.0  | 3.31 | 119.6          | 4.71 |
| DP295-16-16D110 | 1"                   | 1"-11     | 41.0    | 1.61 | 78.8        | 3.10 | 120.5 | 4.74 | 119.6          | 4.71 |
| DP295-20-20     | 1-1/4                | 1-1/4-11  | 50.0    | 1.97 | 85.7        | 3.37 | 101.9 | 4.01 | 129.4          | 5.09 |
| DP295-24-24     | 1-1/2                | 1-1/2-11  | 55.0    | 2.17 | 102.1       | 4.02 | 120.0 | 4.72 | 136.5          | 5.37 |
| DP295-32-32     | 2"                   | 2"-11     | 70.0    | 2.76 | 141.5       | 5.57 | 152.9 | 6.02 | 185.4          | 7.30 |