



METRIC MALE 24° CONE / L-SERIES FLANGE ISO 6162-1

1CFL
1DFL

1CFL-RNW
1DFL-RNW

| PART NO. | | E THREAD | FLANGE SIZE | D TUBE O.D. | FLANGE O-RING * | DIMENSIONS | | | | | |
|----------------------------|----------------|-------------|-------------|----------------|-----------------|------------|------|------|----|----|----|
| BODY | ASSEMBLY | | | | | D1 | b | l1 | L1 | S1 | S2 |
| WITH L SERIES 24° CONE END | | | | | | | | | | | |
| 1CFL-22-08Z | 1CFL-22-08RNWZ | M22X1.5 | 1/2" | 15 | O210 N90 | 30.2 | 6.7 | 41 | 56 | 24 | 27 |
| 1CFL-26-12Z | 1CFL-26-12RNWZ | M26X1.5 | 3/4" | 18 | O214 N90 | 38.1 | 6.73 | 45.5 | 62 | 30 | 32 |
| 1CFL-30-12Z | 1CFL-30-12RNWZ | M30X2 | 3/4" | 22 | O214 N90 | 38.1 | 6.7 | 45.5 | 62 | 32 | 36 |
| 1CFL-36-16Z | 1CFL-36-16RNWZ | M36X2 | 1" | 28 | O219 N90 | 44.4 | 8 | 44.5 | 63 | 36 | 41 |
| 1CFL-45-20Z | 1CFL-45-20RNWZ | M45X2 | 1.1/4" | 35 | O222 N90 | 50.8 | 8 | 47.5 | 69 | 41 | 50 |
| 1CFL-52-24Z | 1CFL-52-24RNWZ | M52X2 | 1.1/2" | 42 | O225 N90 | 60.3 | 8 | 53 | 76 | 46 | 60 |
| WITH S SERIES 24° CONE END | | | | | | | | | | | |
| 1DFL-24-08Z | 1DFL-24-08RNWZ | M24X1.5 | 1/2" | 16 | O210 N90 | 30.2 | 6.7 | 41.5 | 60 | 24 | 30 |
| 1DFL-30-12Z | 1DFL-30-12RNWZ | M30X2 | 3/4" | 20 | O214 N90 | 38.1 | 6.7 | 46.5 | 68 | 30 | 36 |
| 1DFL-36-12Z | 1DFL-36-12RNWZ | M36X2 | 3/4" | 25 | O214 N90 | 38.1 | 6.73 | 45 | 69 | 30 | 46 |
| 1DFL-42-16Z | 1DFL-42-16RNWZ | M42X2 | 1" | 30 | O219 N90 | 44.4 | 8 | 49.5 | 76 | 36 | 50 |
| 1DFL-36-20Z | 1DFL-36-20RNWZ | M36X2 | 1.1/4" | 25 | O222 N90 | 50.8 | 8 | 48 | 72 | 41 | 46 |
| 1DFL-42-20Z | 1DFL-42-20RNWZ | M42X2 | 1.1/4" | 30 | O222 N90 | 50.8 | 8 | 48.5 | 75 | 41 | 50 |
| 1DFL-52-20Z | 1DFL-52-20RNWZ | M52X2 | 1.1/4" | 38 | O222 N90 | 50.8 | 8 | 54 | 81 | 46 | 60 |
| 1DFL-52-24Z | 1DFL-52-24RNWZ | M52X2 | 1.1/2" | 38 | O225 N90 | 60.3 | 8 | 54 | 85 | 46 | 60 |

1. * NBR O-ring of flange end need another order. Use V80 replace N90 when the connector material is stainless steel and the O-ring material is Viton.

2. Material options for connector body and nut.

| connector body and nut material | Part. No. suffix | Part No. example |
|---------------------------------|------------------|------------------|
| Carbon steel (Default) | Z | 1CFL-30-12Z |
| 304 stainless steel | SR | 1CFL-30-12SR |
| 316L stainless steel | SV | 1CFL-30-12SV |
| 316Ti stainless steel | SY | 1CFL-30-12SY |

3. Plating options and performance for carbon steel connectors.

| Plating method | Part. No. suffix | Part No. example | White rust (Hours) | Red rust(Hours) |
|------------------------|------------------|------------------|--------------------|-----------------|
| Cr3+ plating (Default) | Z | 1CFL-30-12Z | 96 | 360 |
| Durakote plating | ZD | 1CFL-30-12ZD | 360 | 720 |
| Zinc-nickel plating | ZN | 1CFL-30-12ZN | 1000 | - |

