



**1JFS9**

90° ELBOW JIC MALE 74° CONE / S-SERIES FLANGE ISO 6162-2

| PART NO.     | THREAD     |  | FLANGE SIZE | O-RING * | DIMENSIONS |      |       |      |    |  |
|--------------|------------|--|-------------|----------|------------|------|-------|------|----|--|
|              | E          |  |             |          | A          | B    | b     | D1   | S1 |  |
| 1JFS9-08Z    | 3/4"X16    |  | 1/2"        | O210 N90 | 32.5       | 44   | 7.75  | 31.7 | 19 |  |
| 1JFS9-10-08Z | 7/8"X14    |  | 1/2"        | O210 N90 | 37.5       | 46   | 7.75  | 31.7 | 22 |  |
| 1JFS9-10-12Z | 7/8"X14    |  | 3/4"        | O214 N90 | 41         | 54.1 | 8.76  | 41.3 | 27 |  |
| 1JFS9-12Z    | 1.1/16"X12 |  | 3/4"        | O214 N90 | 44.2       | 54.1 | 8.76  | 41.3 | 27 |  |
| 1JFS9-12-16Z | 1.1/16"X12 |  | 1"          | O219 N90 | 48         | 60.2 | 9.53  | 47.6 | 33 |  |
| 1JFS9-16Z    | 1.5/16"X12 |  | 1"          | O219 N90 | 49         | 60.2 | 9.53  | 47.6 | 33 |  |
| 1JFS9-16-12Z | 1.5/16"X12 |  | 3/4"        | O214 N90 | 49         | 57   | 8.76  | 41.3 | 33 |  |
| 1JFS9-16-20Z | 1.5/16"X12 |  | 1.1/4"      | O222 N90 | 54         | 66.5 | 10.29 | 54   | 41 |  |
| 1JFS9-20Z    | 1.5/8"X12  |  | 1.1/4"      | O222 N90 | 55.5       | 66.5 | 10.29 | 54   | 41 |  |
| 1JFS9-20-16Z | 1.5/8"X12  |  | 1"          | O219 N90 | 55.5       | 65   | 9.53  | 47.6 | 41 |  |
| 1JFS9-20-24Z | 1.5/8"X12  |  | 1.1/2"      | O225 N90 | 59.5       | 79.3 | 12.57 | 63.5 | 48 |  |
| 1JFS9-24Z    | 1.7/8"X12  |  | 1.1/2"      | O225 N90 | 62.5       | 79.3 | 12.57 | 63.5 | 48 |  |
| 1JFS9-24-20Z | 1.7/8"X12  |  | 1.1/4"      | O222 N90 | 62.5       | 79   | 10.29 | 54   | 48 |  |

1.\* NBR O-ring 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.

| Connector material     | Part. No. suffix | Part No. example |
|------------------------|------------------|------------------|
| Carbon steel (Default) | Z                | 1JFS9-12Z        |
| 304 stainless steel    | SR               | 1JFS9-12SR       |
| 316L stainless steel   | SV               | 1JFS9-12SV       |
| 316Ti stainless steel  | SY               | 1JFS9-12SY       |

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                | 1JFS9-12Z        | 96                 | 360              |
| Durakote plating       | ZD               | 1JFS9-12ZD       | 360                | 720              |
| Zinc-nickel plating    | ZN               | 1JFS9-12ZN       | 1000               | -                |