



## 1KH-N

JIS METRIC MALE 60° CONE / METRIC MALE O-RING SEAL

|             | THREAD  |         | O-RING |           | DIMENSIONS |      |      |    |
|-------------|---------|---------|--------|-----------|------------|------|------|----|
| PART NO.    | E       | F       |        | F         | A          | B    | L    | S1 |
| 1KH-14-12NZ | M14X1.5 | M12X1.5 |        | O09.3X2.2 | 17         | 11   | 36.5 | 17 |
| 1KH-14NZ    | M14X1.5 | M14X1.5 |        | O11.3X2.2 | 17         | 11   | 35.5 | 19 |
| 1KH-16-14NZ | M16X1.5 | M14X1.5 |        | O11.3X2.2 | 18         | 11   | 40   | 19 |
| 1KH-18-14NZ | M18X1.5 | M14X1.5 |        | O11.3X2.2 | 18         | 11   | 37.5 | 19 |
| 1KH-18-16NZ | M18X1.5 | M16X1.5 |        | O13.3X2.2 | 18         | 12.5 | 40   | 22 |
| 1KH-18-20NZ | M18X1.5 | M20X1.5 |        | O17.3X2.2 | 18         | 14   | 41.5 | 27 |
| 1KH-20-18NZ | M20X1.5 | M18X1.5 |        | O15.3X2.2 | 20         | 14   | 47   | 24 |
| 1KH-22-20NZ | M22X1.5 | M20X1.5 |        | O17.3X2.2 | 20         | 14   | 47   | 27 |
| 1KH-24-20NZ | M24X1.5 | M20X1.5 |        | O17.3X2.2 | 21.5       | 14   | 48.5 | 27 |
| 1KH-24-22NZ | M24X1.5 | M22X1.5 |        | O19.3X2.2 | 21.5       | 15   | 48.5 | 27 |
| 1KH-30-27NZ | M30X1.5 | M27X2   |        | O23.6X2.9 | 26         | 18.5 | 60.5 | 32 |
| 1KH-33NZ    | M33X1.5 | M33X2   |        | O29.6X2.9 | 30         | 18.5 | 62   | 41 |
| 1KH-36-33NZ | M36X1.5 | M33X2   |        | O29.6X2.9 | 33         | 18.5 | 68   | 41 |

### 1. Material options for connector body and the O-ring.

| Connector body material | O-ring material | Part. No. suffix | Part No. example |
|-------------------------|-----------------|------------------|------------------|
| Carbon steel (Default)  | NBR             | Z                | 1KH-22-20NZ      |
| 304 stainless steel     | Viton           | SR               | 1KH-22-20NSR     |
| 316L stainless steel    | Viton           | SV               | 1KH-22-20NSV     |
| 316Ti stainless steel   | Viton           | SY               | 1KH-22-20NSY     |

### 2. 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                | 1KH-22-20NZ      | 96                 | 360              |
| Durakote plating       | ZD               | 1KH-22-20NZD     | 360                | 720              |
| Zinc-nickel plating    | ZN               | 1KH-22-20NZN     | 1000               | -                |