

## Category

- Seal, Single Acting Rod or Piston

## Construction

- NBR symmetrical U-ring

## Housing

- Rectangular groove in one piece gland or piston

## Duty

- Light

## Comments

- AN6226 size range
- Homogeneous NBR U-ring suitable for pneumatic or light duty hydraulic applications

## Size Range

- Imperial

## Metric Specifications

| Operating Conditions | Maximum Speed:     | 0.5 m/sec    |
|----------------------|--------------------|--------------|
|                      | Temperature Range: | -40°C ~ 80°C |

| Surface Finish | Dynamic Sealing Face: | 0.1 ~ 0.4 µmRa |
|----------------|-----------------------|----------------|
|                | Static Sealing Face:  | 1.6 µmRa max   |
|                | Other Faces:          | 3.2 µmRa max   |

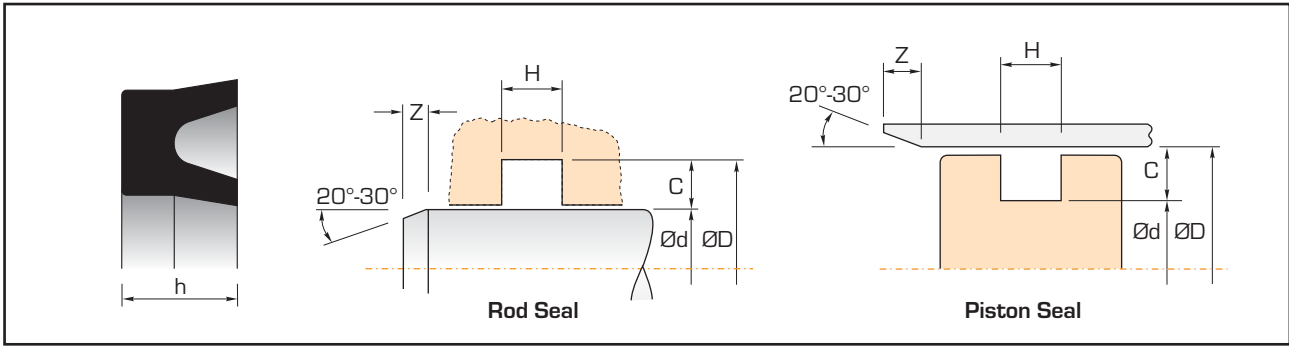
| Chamfers | Minimum Z = C x 0.85 | where C = (ØD - Ød) ÷ 2 |
|----------|----------------------|-------------------------|
|----------|----------------------|-------------------------|

## Imperial Specifications

| Operating Conditions | Maximum Speed:     | 1.5 ft/sec    |
|----------------------|--------------------|---------------|
|                      | Temperature Range: | -40°F ~ 180°F |

| Surface Finish | Dynamic Sealing Face: | 4 ~ 16 µinCLA  |
|----------------|-----------------------|----------------|
|                | Static Sealing Face:  | 63 µinCLA max  |
|                | Other Faces:          | 125 µinCLA max |

| Chamfers | Minimum Z = C x 0.85 | where C = (ØD - Ød) ÷ 2 |
|----------|----------------------|-------------------------|
|----------|----------------------|-------------------------|



### Imperial Sizes

| Part No.      | Ød          | ØD          | H                | h     |
|---------------|-------------|-------------|------------------|-------|
| <i>Rod</i>    | <i>f9</i>   | <i>JS11</i> | <i>+0.010 -0</i> |       |
| <i>Piston</i> | <i>js11</i> | <i>H9</i>   | <i>+0.010 -0</i> |       |
| U41N7         | 0.125       | 0.375       | 0.187            | 0.125 |
| U1N7          | 0.125       | 0.500       | 0.250            | 0.187 |
| U42N7         | 0.187       | 0.437       | 0.187            | 0.125 |
| U2N7          | 0.187       | 0.562       | 0.250            | 0.187 |
| U43N7         | 0.250       | 0.500       | 0.187            | 0.125 |
| U3N7          | 0.250       | 0.625       | 0.250            | 0.187 |
| U8N7          | 0.250       | 0.750       | 0.312            | 0.250 |
| U44N7         | 0.312       | 0.562       | 0.187            | 0.125 |
| U4N7          | 0.312       | 0.687       | 0.250            | 0.187 |
| U9N7          | 0.312       | 0.812       | 0.312            | 0.250 |
| U45N7         | 0.375       | 0.625       | 0.187            | 0.125 |
| U5N7          | 0.375       | 0.750       | 0.250            | 0.187 |
| U10N7         | 0.375       | 0.875       | 0.312            | 0.250 |
| U46N7         | 0.437       | 0.687       | 0.187            | 0.125 |
| U6N7          | 0.437       | 0.812       | 0.250            | 0.187 |
| U11N7         | 0.437       | 0.937       | 0.312            | 0.250 |
| U47N7         | 0.500       | 0.750       | 0.187            | 0.125 |
| U7N7          | 0.500       | 0.875       | 0.250            | 0.187 |
| U12N7         | 0.500       | 1.000       | 0.312            | 0.250 |
| U13N7         | 0.562       | 1.062       | 0.312            | 0.250 |
| U48N7         | 0.625       | 1.000       | 0.250            | 0.187 |
| U14N7         | 0.625       | 1.125       | 0.312            | 0.250 |
| U15N7         | 0.687       | 1.187       | 0.312            | 0.250 |
| U49N7         | 0.750       | 1.125       | 0.250            | 0.187 |
| U16N7         | 0.750       | 1.250       | 0.312            | 0.250 |
| U17N7         | 0.812       | 1.312       | 0.312            | 0.250 |
| U50N7         | 0.875       | 1.250       | 0.250            | 0.187 |
| U18N7         | 0.875       | 1.375       | 0.312            | 0.250 |
| U19N7         | 0.937       | 1.437       | 0.312            | 0.250 |
| U51N7         | 1.000       | 1.375       | 0.250            | 0.187 |
| U20N7         | 1.000       | 1.500       | 0.312            | 0.250 |
| U21N7         | 1.062       | 1.562       | 0.312            | 0.250 |
| U52N7         | 1.125       | 1.500       | 0.250            | 0.187 |
| U22N7         | 1.125       | 1.625       | 0.312            | 0.250 |

### Imperial Sizes (cont'd)

| Part No. | Ød    | ØD    | H     | h     |
|----------|-------|-------|-------|-------|
| U23N7    | 1.187 | 1.687 | 0.312 | 0.250 |
| U53N7    | 1.250 | 1.625 | 0.250 | 0.187 |
| U24N7    | 1.250 | 1.750 | 0.312 | 0.250 |
| U25N7    | 1.250 | 1.875 | 0.375 | 0.312 |
| U26N7    | 1.375 | 2.000 | 0.375 | 0.312 |
| U27N7    | 1.500 | 2.125 | 0.375 | 0.312 |
| U28N7    | 1.625 | 2.250 | 0.375 | 0.312 |
| U29N7    | 1.750 | 2.375 | 0.375 | 0.312 |
| U30N7    | 1.875 | 2.500 | 0.375 | 0.312 |
| U31N7    | 2.000 | 2.625 | 0.375 | 0.312 |
| U32N7    | 2.125 | 2.750 | 0.375 | 0.312 |
| U33N7    | 2.250 | 2.875 | 0.375 | 0.312 |
| U34N7    | 2.375 | 3.000 | 0.375 | 0.312 |
| U35N7    | 2.500 | 3.125 | 0.375 | 0.312 |
| U36N7    | 2.500 | 3.250 | 0.437 | 0.375 |
| U37N7    | 2.625 | 3.375 | 0.437 | 0.375 |
| U38N7    | 2.750 | 3.500 | 0.437 | 0.375 |
| U39N7    | 2.875 | 3.625 | 0.437 | 0.375 |
| U40N7    | 3.000 | 3.750 | 0.437 | 0.375 |
| U60N7    | 3.250 | 4.000 | 0.437 | 0.375 |
| U63N7    | 3.750 | 4.500 | 0.437 | 0.375 |
| U65N7    | 4.250 | 5.000 | 0.437 | 0.375 |
| U70N7    | 5.125 | 6.000 | 0.500 | 0.437 |
| U80N7    | 7.000 | 8.000 | 0.562 | 0.500 |