



CRX Rod Seal® - (2 P.C.)

A product of MFP Seals.

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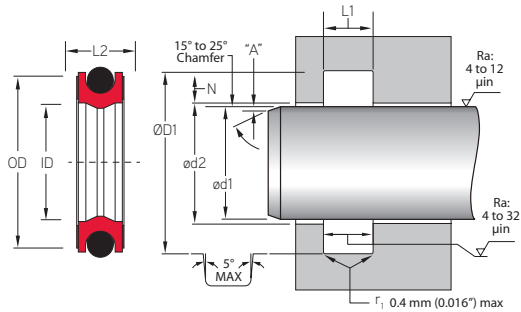
CRX

CRX ROD SEAL - (2 P.C.)

MFP Seals' CRX double-acting rod seals are designed to directly interchange with T-Seals, O-Rings and X-Rings, in AS568 O-Ring grooves without Back-Up. The urethane sealing surface produces a positive seal from vacuum to high pressure, due to a narrow single line seal contact area.



The standard compound for this seal is U2151, with an N6001 O-Ring Expander. It is also available in compounds U2145, U2150, U2162 and U4150.



MFP PART NUMBER

CRX-218U2151

SEAL TYPE SIZE PER O-Ring DASH COMPOUND

Pressure: 400 bar (5,800 psi)

Max. Velocity: 0.5 m/s (< 1.6 ft./s)

MAXIMUM EXTRUSION GAP RECOMMENDATION

e-max at 80°C (175°F) for pressures

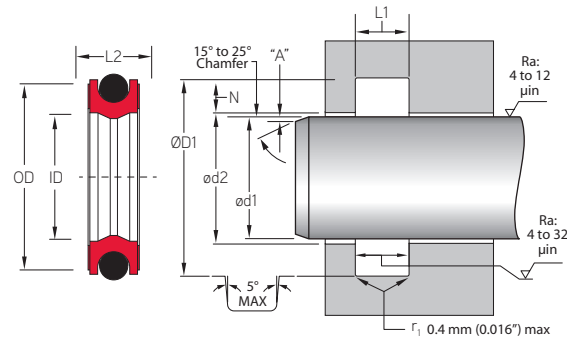
| Radial Depth (Inch) | SERIES | PSI (BAR) | | |
|---------------------|--------|------------|------------|------------|
| N (NOMINAL) | | 2300 (160) | 3600 (250) | 5000 (344) |
| 0.125 | 2 | 0.008 | 0.006 | — |
| 0.187 | 3 | 0.012 | 0.008 | 0.004 |
| 0.250 | 4 | 0.014 | 0.01 | 0.006 |

NOTE: The above data are maximum values for extrusion gap. Material type, pressure, temperature, speed and extrusion gap will affect extrusion resistance. Maximum values, pressure, speed, temperature and extrusion gap should not be applied continuously nor simultaneously.

ROD APPLICATION

| MFP PART NUMBER | ød1 | ØD1 | ød2 | L1 | OR Groove |
|-----------------|-------|-------|-------|-------|-----------|
| CRX-210 | 0.750 | 1.000 | 0.753 | 0.180 | OR-210 |
| CRX-212 | 0.875 | 1.125 | 0.878 | 0.180 | OR-212 |
| CRX-214 | 1.000 | 1.250 | 1.003 | 0.180 | OR-214 |
| CRX-215 | 1.062 | 1.312 | 1.065 | 0.180 | OR-215 |
| CRX-216 | 1.125 | 1.375 | 1.128 | 0.180 | OR-216 |
| CRX-218 | 1.250 | 1.500 | 1.253 | 0.180 | OR-218 |
| CRX-220 | 1.375 | 1.625 | 1.378 | 0.180 | OR-220 |
| CRX-222 | 1.500 | 1.750 | 1.503 | 0.180 | OR-222 |
| CRX-325 | 1.500 | 1.875 | 1.503 | 0.280 | OR-325 |
| CRX-326 | 1.625 | 2.000 | 1.628 | 0.280 | OR-326 |
| CRX-327 | 1.750 | 2.125 | 1.753 | 0.280 | OR-327 |
| CRX-329 | 2.000 | 2.375 | 2.003 | 0.280 | OR-329 |
| CRX-330 | 2.125 | 2.500 | 2.128 | 0.280 | OR-330 |
| CRX-331 | 2.250 | 2.625 | 2.253 | 0.280 | OR-331 |
| CRX-333 | 2.500 | 2.875 | 2.503 | 0.280 | OR-333 |

ROD ASSEMBLIES



| MFP PART NUMBER | ROD APPLICATION | | | | |
|-----------------|-----------------|-------|-------|-------|-----------|
| | ød1 | ØD1 | ød2 | L1 | OR Groove |
| CRX-335 | 2.750 | 3.125 | 2.753 | 0.280 | OR-335 |
| CRX-337 | 3.000 | 3.375 | 3.003 | 0.280 | OR-337 |
| CRX-339 | 3.250 | 3.625 | 3.253 | 0.280 | OR-339 |
| CRX-341 | 3.500 | 3.875 | 3.503 | 0.280 | OR-341 |
| CRX-343 | 3.750 | 4.125 | 3.753 | 0.280 | OR-343 |
| CRX-345 | 4.000 | 4.375 | 4.003 | 0.280 | OR-345 |
| CRX-349 | 4.500 | 4.875 | 4.503 | 0.280 | OR-349 |
| CRX-431 | 5.250 | 5.750 | 5.254 | 0.370 | OR-431 |
| CRX-437 | 6.000 | 6.500 | 6.004 | 0.370 | OR-437 |

CRX

ROD ASSEMBLIES