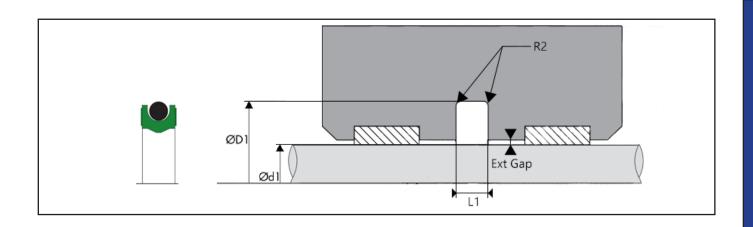
ROD SEALS

CRX





TECHNICAL DATA

Temperature	-45°C / +110°C		
Pressure	250 bar/5000 psi		
Speed	0.5 m/sec		
Media	Mineral hydraulic oils Water based hydraulic oils		

S (Standard Cross Sections)	Radius & Chamfers		Max Radial Extrusion Gap		
			BAR/PSI		
	R2 (mm)	C (mm)	160/2300	250/3600	350/5000
3.17mm (1/8")	0.4	3.0	0.20mm (0.008")	0.15mm (0.006")	N/A
4.75mm (3/16")	0.4	4.0	0.30mm (0.012")	0.20mm (0.008")	0.10mm (0.004")
6.35mm (1/4")	0.4	5.0	0.35mm (0.014")	0.25mm (0.010")	0.15mm (0.006")

TOLERANCES

ØD1	H9
Ød1	h9
L1	+0.20mm – 0.00mm

SURFACE ROUGHNESS

Roughness	Dynamic surface area	Static surface area	Groove flanks
Ra	0.10 - 0.40 μm	≤1.6 µm	≤ 3.2 µm
Rz	0.63 – 2.40 μm	≤6.3 µm	≤10.0 µm
Rmax	1.00 – 4.00 μm	≤10.0 µm	≤16.0 µm

MATERIALS

Sealing face

U-2150 PU92A - Green

Energiser

NBR 70 Shore A

DESCRIPTION

The CRX double-acting rod seal is designed to directly interchange with T-Seals, O-rings and X-Rings, in non-backup ring grooves. The U2150 sealing face in tandem with the 70 Shore NBR O-Ring energiser produces a positive seal from vacuum to high pressure due to the narrow single line contact area.

ADVANTAGES

Very Good Sealing Effect
Excellent Extrusion Resistance
Excellent Abrasion Resistance
Fits standard O-ring & back up
Housings

APPLICATIONS

Soale Australia

Mobile hydraulics Hydraulic cylinders Underground mining equipment

