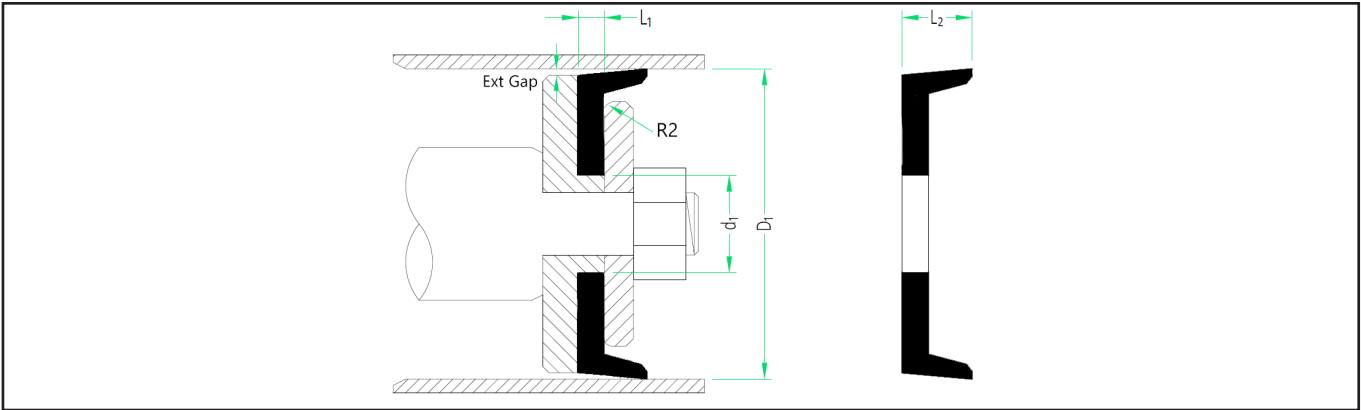
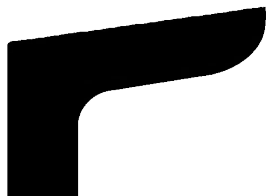


Cup Seals  
**RCUP**



**TECHNICAL DATA**

Temperature	-30°C / +105°C
Pressure	17bar/250psi
Speed	0.5 m/sec
Media	Mineral hydraulic oils Air

**TOLERANCES**

ØD1	H10
Ød1	-0.00mm/+0.12mm
L1	-0.00mm/+0.12mm

**MATERIALS**

**Profiled Seal**  
NBR - 80 Shore A

S (Standard Cross Sections)	Radius & Chamfers		Max Radial Extrusion Gap
			BAR/PSI
	R2 (mm)	C (mm)	17/250
<50.8mm (2.000")	1.55	4.50	0.38mm (0.015")
≥50.80mm (2.000") ≤76.20mm (3.000")	2.35	5.50	0.38mm (0.015")
≥76.20mm (3.000") ≤177.80mm (7.000")	3.15	6.50	0.38mm (0.015")
≥177.80mm (7.000")	1.8	8.0	0.38mm (0.015")

**SURFACE ROUGHNESS**

Roughness	Dynamic surface area	Static surface area	Groove flanks
Ra	0.1 - 0.8 µm	≤1.6 µm	≤ 3.2 µm
Rz	0.63 - 2.5 µm	≤6.3 µm	≤10.0 µm
Rmax	1.0 - 4.0µm	≤10.0 µm	≤16.0 µm

**DESCRIPTION**

Rubber cup seal designed for use in pneumatic cylinders. Can be used in a double acting arrangement or single acting.

**ADVANTAGES**

Low friction  
Responsive to pressure fluctuations  
Easy to install

**APPLICATIONS**

Light duty pneumatics