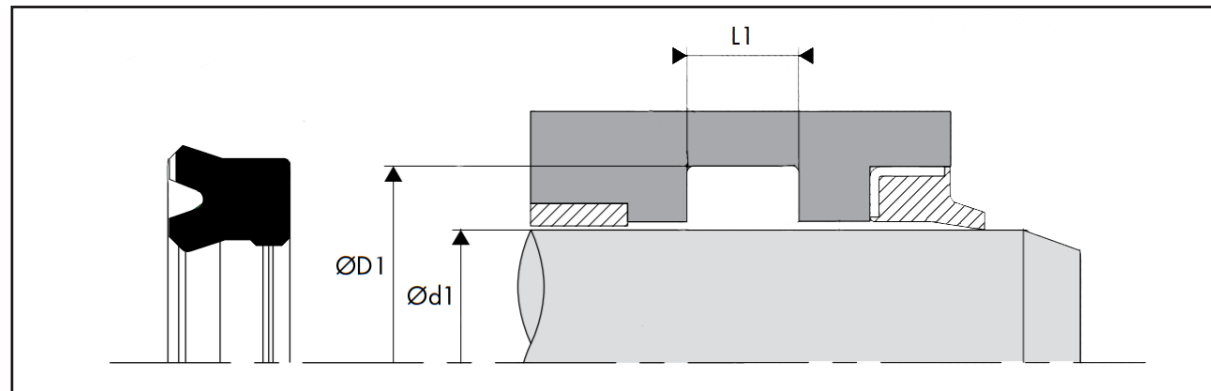
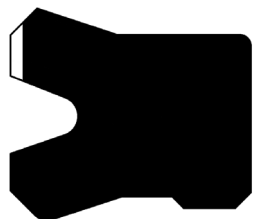


ROD SEALS

RNY



TECHNICAL DATA

Temperature	-10°C / +80°C
Pressure	280 BAR
Speed	1.0 m/sec
Media	Mineral hydraulic oils Water based hydraulic oils

TOLERANCES

ød1	f8
ØD1	H9
L1	+0.010" (+0.25)

MATERIALS

Profiled seal

NBR 86 Shore A - BLACK

S	Radius & Chamfers		Max Radial Extrusion Gap			
			BAR/PSI			
	R2 (mm)	C (mm)	140/2000	210/3000	280/4000	280/4000 with seal backup
3.00 - 5.00mm	0.4	2.50	0.20mm	0.12mm	0.075mm	0.25mm
>5.00 - 7.50mm	0.4	3.00	0.20mm	0.12mm	0.075mm	0.25mm
>7.50 - 12.50mm	0.4	4.00	0.20mm	0.12mm	0.075mm	0.25mm
15.00mm	0.4	5.00	0.20mm	0.12mm	0.075mm	0.25mm

SURFACE ROUGHNESS

Roughness	Dynamic surface area	Static surface area	Groove flanks
Ra	0.1 - 0.4 µm	≤1.6 µm	≤ 3.2 µm
Rz	0.63 - 2.5 µm	≤6.3 µm	≤10.0 µm
Rmax	1.0 - 4.0 µm	≤10.0 µm	≤16.0 µm

DESCRIPTION

Nitrile Single Acting Rod U Ring, suitable to retrofit standard Asian housings. Often used in conjunction with a Back-Up ring that provides increased pressure capability.

ADVANTAGES

Good sealing at high pressure
Excellent sealing at low pressure
Good abrasion resistance
Easy to install

APPLICATIONS

Mobile hydraulics
Material handling - Lifting Presses
Hydraulic cylinders
Industrial vehicles
Low pressure cylinders