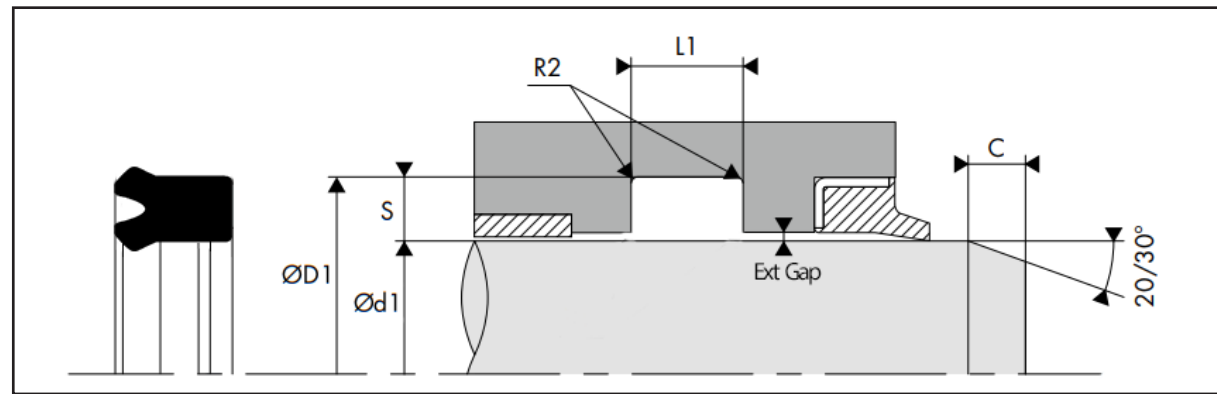
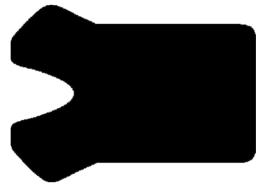


ROD SEALS

SKY



TECHNICAL DATA

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

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

TOLERANCES

$\varnothing d1$	f8
$\varnothing D1$	H9
L1	+0.010" (+0.25)

SURFACE ROUGHNESS

Roughness	Dynamic surface area	Static surface area	Groove flanks
Ra	0.1 - 0.4 μm	$\leq 1.6 \mu\text{m}$	$\leq 3.2 \mu\text{m}$
Rz	0.63 - 2.5 μm	$\leq 6.3 \mu\text{m}$	$\leq 10.0 \mu\text{m}$
Rmax	1.0 - 4.0 μm	$\leq 10.0 \mu\text{m}$	$\leq 16.0 \mu\text{m}$

MATERIALS

Profiled seal
NBR 86 Shore A - BLACK

DESCRIPTION

Nitrile Single Acting symmetrical U Ring, suitable to retrofit standard Asian housings. SKY can be used on both Rod & Pistons. 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