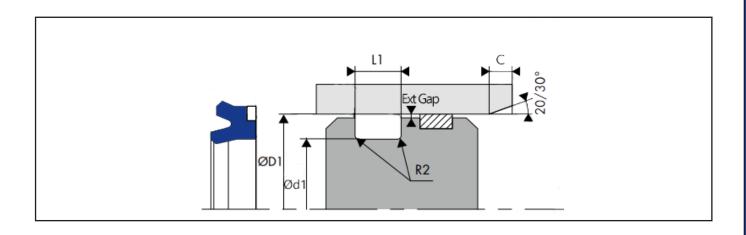
S/A Piston Seals

KDA





TECHNICAL DATA Temperature -40°C / +100°C Pressure 500bar/7250psi Speed 0.50 m/sec Media Mineral hydraulic oils

	Radius & Chamfers		Max Radial Extrusion Gap		
D1			BAR/PSI		
	R2 (mm)	C (mm)	300/4400	400/5900	500/7250
>100mm	0.40	5.00	0.32mm (0.013")	0.25mm (0.010")	0.20mm (0.008")
100-200mm	0.40	7.00	0.32mm (0.013")	0.25mm (0.010")	0.20mm (0.008")
<200	0.40	10.00	0.32mm (0.013")	0.25mm (0.010")	0.20mm (0.008")

TOLERANCES

ØD1	H10
Ød1	f8
L1	-0.00/+0.25mm

SURFACE ROUGHNESS

Roughness	Dynamic surface area	Static surface area	Groove flanks
Ra	0.1 - 0.3 μm	≤1.6 µm	≤ 3.2 µm
Rz	0.63 - 1.44 μm	≤6.3 µm	≤10.0 µm
Rmax	1.0 - 4.0 µm	≤10.0 µm	≤16.0 µm

MATERIALS

Profiled Seal
Polyurethane - 94 Shore A
Anti-Extrusion Ring
Acetal resin

DESCRIPTION

An asymmetric single acting polyurethane piston U'ring with an acetal anti-extrusion ring that will tolerate high pressures and large extrusion gaps.

ADVANTAGES

Very high resistance against extrusion Excellent wear resistance Simple groove design Easy installation

APPLICATIONS

Agriculture Mobile machinery Hydraulic cylinders

