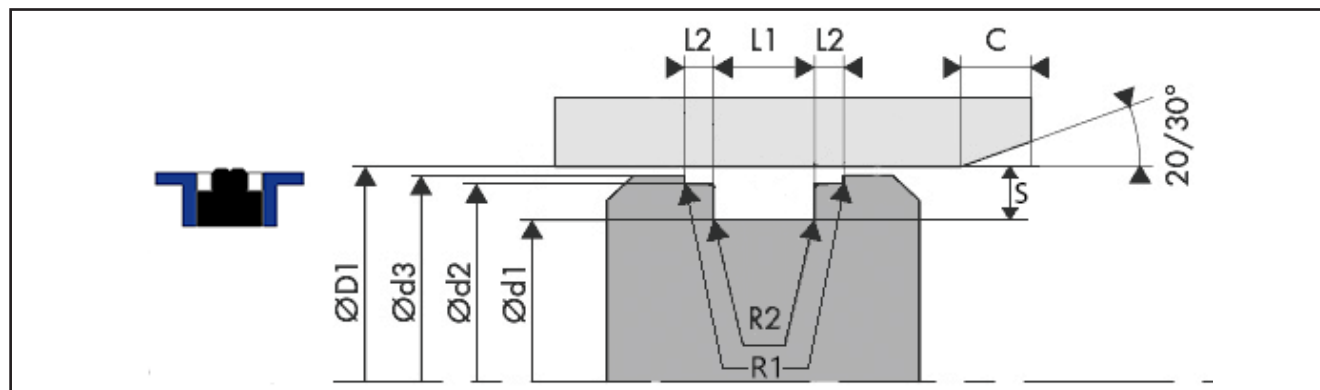
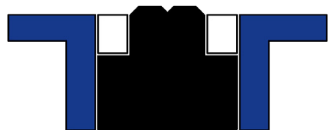


D/A PISTON SEALS SPS



TECHNICAL DATA

Temperature	-40°C/+100°C
Pressure	160bar/2350psi
Speed	0.15 m/sec
Media	Mineral hydraulic oils

TOLERANCES

ØD1	H10
Ød1	h9
Ød2	h9
Ød3	h9
L1	+0.13/+0.40mm
L2	-0.00/+0.13mm

MATERIALS

Sealing Element
NBR 75 Shore A
Anti-extrusion rings
PTFE (Virgin)
Wear rings
Polyacetal

S	Radius & Chamfers		
	R1 (mm)	R2 (mm)	C (mm)
3.75mm	0.20	0.20	2.00
4.50mm	0.20	0.20	2.50
5.00mm	0.20	0.20	2.50
6.50mm	0.40	0.40	4.00

SURFACE ROUGHNESS

Roughness	Dynamic surface area	Static surface area	Groove flanks
Ra	0.1 - 0.25 µm	≤0.8 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

The SPS is a light duty Double Acting compact Piston Seal, comprised of a flexible NBR sealing element, two PTFE Anti-extrusion rings and two polyacetal wear rings.

ADVANTAGES

Good sealing effect

APPLICATIONS

Agriculture
Light duty hydraulics