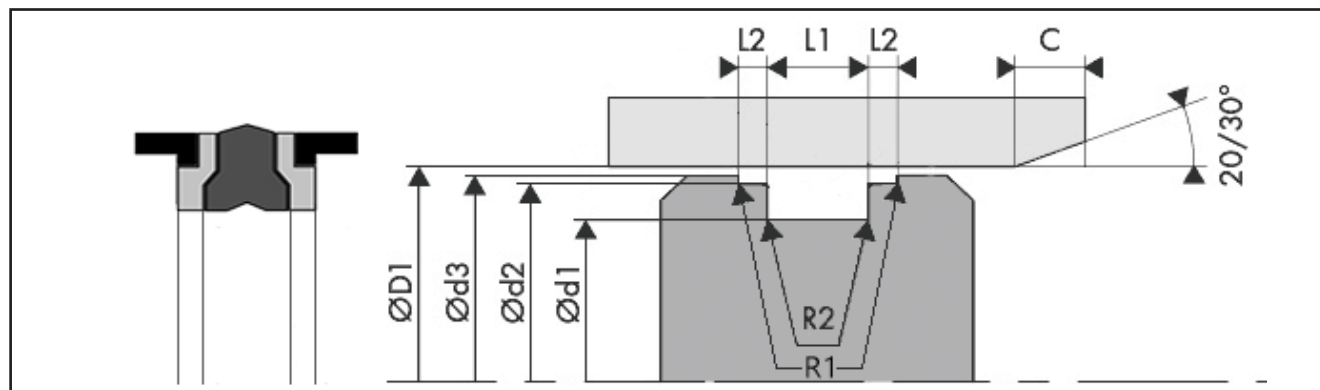


D/A PISTON SEALS MD/DAS



TECHNICAL DATA

Temperature	-40°C / +110°C
Pressure	400bar/5800psi
Speed	0.50 m/sec
Media	Mineral hydraulic oils

TOLERANCES

ØD1	H10
Ød1	-0.00/+0.10mm
Ød2	-0.05/+0.00mm
Ød3	-0.20/+0.20mm
L1	-0.00/+0.20mm
L2	-0.10/+0.10mm

MATERIALS

Sealing Element

NBR 75 Shore A

Back-up rings

Polyester resin 63 Shore D

Wear rings

Polyoxymethylene - POM glass filled

ØD1	Radius & Chamfers		
	R1 (mm)	R2 (mm)	C (mm)
<100.00mm	0.40	0.40	5.00
100.00mm - 200.00mm	0.40	0.40	7.00
>200.00mm	0.40	0.40	10.00

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

The MD is a high-performing Double Acting compact Piston Seal, comprised of a flexible NBR sealing element, two polyester back-up rings and two POM wear rings.

ADVANTAGES

Good sealing effect
Excellent extrusion resistance
Excellent wear resistance
Reliable sealing for significant and sudden pressure variations

APPLICATIONS

Agriculture
Mobile machinery
Hydraulic cylinders