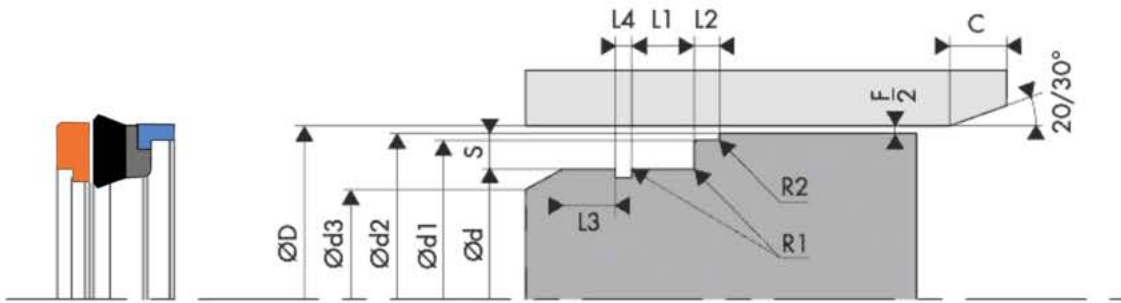


# PWK



## Technical Details

Operating conditions	
Temperature	-40°C + 100°C
Pressure	40 MPa
Speed	0.5 m/s

## 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

## Chamfers & Radii

Radial section S	Radius R1	Radius R2	Chamfer C
6.00	0.20	0.20	3.00
7.50	0.20	0.20	4.00
10.00	0.30	0.30	5.00

## DESIGN

PWK is a high-performing, single acting compact piston seal composed of a retainer ring, POM wear/back-up ring and profiled polyurethane seal.

## FEATURES

- Excellent wear resistance
- Excellent extrusion resistance
- Excellent resistance to high pressures

## MATERIAL

Seal design comes in a variety of materials and sizes. For more information, please refer to MSDS datasheet.

## APPLICATIONS

Light to medium duty applications