

## PISTON SEALS

# PKC



### DESCRIPTION

The PKC profile is a complete pneumatic piston composed of a metal base and two rubber sealing lips.

### ADVANTAGES

Easy assembly  
 Replaces a piston with several seals  
 Economic solution

### APPLICATIONS

Little-used pneumatic cylinders

### MATERIALS

**Profiled seal**

NBR 70 Shore A

**Metal cage**

Steel

Other grades of materials are available.  
 Please refer to the materials table.

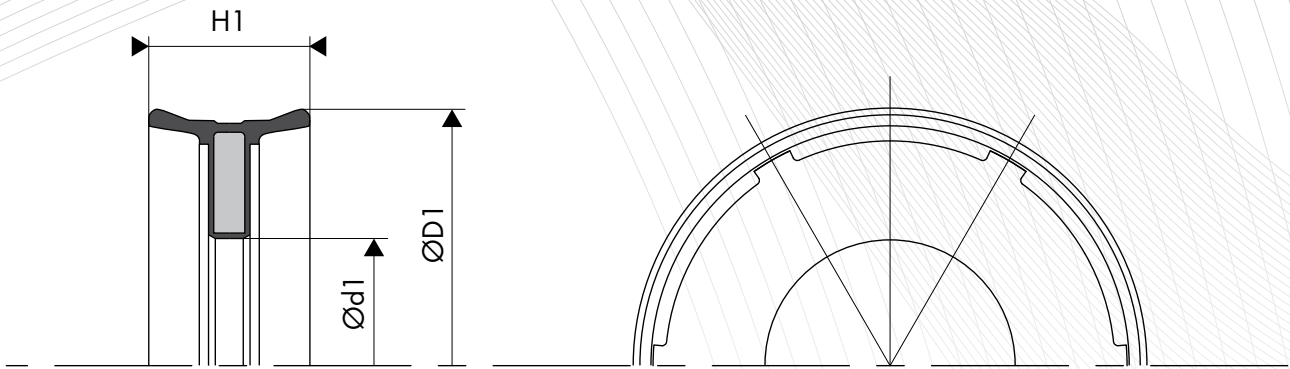
### TECHNICAL DATA

<b>Temperature</b>	-30°C / +100°C
<b>Pressure</b>	1.6 MPa
<b>Speed</b>	1 m/s
<b>Media</b>	Lubricated air Oil-free air Non-aggressive gases

The figures above indicate the maximum values and may not be cumulated. They may be developed, depending on the materials used.

### 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



## DIMENSIONS

Part number	Bore diameter ØD1 H11	Groove diameter Ød1 f8	Seal height H1
PKC.0080252	25.00	8.00	12.00
PKC.0080325	32.00	8.00	15.00
PKC.0100408	40.00	10.00	18.00
PKC.0100508	50.00	10.00	18.00
PKC.0120602	60.00	12.00	22.00
PKC.0120702	70.00	12.00	22.00
PKC.0120755	75.00	12.00	25.00
PKC.0120855	85.00	12.00	25.00

Part number	Bore diameter ØD1 H11	Groove diameter Ød1 f8	Seal height H1
PKC.0120904	90.00	12.00	24.00
PKC.0120955	95.00	12.00	25.00
PKC.0140805	80.00	14.00	25.00
PKC.0160632	63.00	16.00	22.00
PKC.0161005	100.00	16.00	25.00
PKC.0181005	100.00	18.00	25.00
PKC.0300548	54.00	30.00	18.00