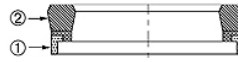
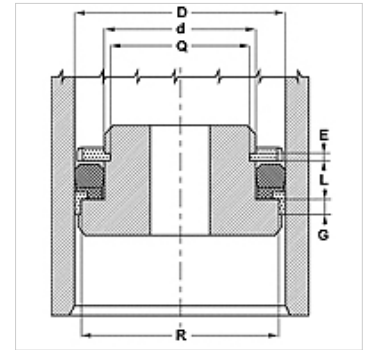


## Properties

|                           |   |
|---------------------------|---|
| <b>Design</b>             | piston seal   |
| <b>Operating pressure</b> | up to 500 bar   |
| <b>Sliding speed max.</b> | 0,5 m/s   |
| <b>Temp. min.</b>         | -30 °C  |
| <b>Temp. max.</b>         | 110 °C  |
| <b>Media</b>              | Mineral oils<br>Water emulsions                                 |
| <b>Installation</b>       | on one-piece pistons  |
| <b>Material</b>           | (1) Guide ring: acetal resin<br>(2) Seal: fabric-reinforced NBR |
| <b>Application</b>        | Hydraulics  |



| Toleranz / Tolerance |       |      |       |      |      |       |      |
|----------------------|-------|------|-------|------|------|-------|------|
| D                    | d     | L    | R     | P    | G    | Q     | E    |
| H11                  | ±0,08 | ±0,2 | ±0,05 | ±0,1 | ±0,1 | ±0,08 | ±0,1 |



## Description

Low spatial requirement.  
High resistance to extrusion.

## Ordering information

For special operating conditions (fluid, temperature, pressure ...) please contact us.  
Alternative material possible: FPM.

## Item

| Identification       | D<br>(mm) | d<br>(mm) | L<br>(mm) | G<br>(mm) | R<br>(mm) |
|----------------------|-----------|-----------|-----------|-----------|-----------|
| <b>B 393 314-NWO</b> | 100,0     | 80,00     | 14,5      | 6,35      | 94,15     |
| <b>B 411 334-NWO</b> | 104,5     | 85,00     | 13,0      | 6,35      | 98,90     |
| <b>B 472 393-NWO</b> | 120,0     | 100,00    | 14,5      | 6,35      | 114,10    |