

## Properties

|                    |   |
|--------------------|---|
| Operating pressure | up to 16 bar                                      |
| Sliding speed max. | 1,0 m/s   |
| Temp. min.         | -30 °C  |
| Temp. max.         | 80 °C   |
| Media              | Mineral oils                                      |
| Installation       | on one-piece pistons A<br>on multi-part pistons B |
| Material           | (1) Dynamic seal: PUR<br>(2) Static seal: NBR     |
| Application        | Pneumatics  |

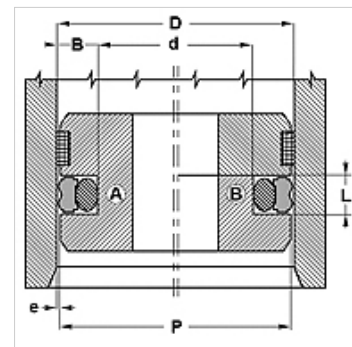


### Spaltmaß / Clearance

| Druck / Pressure | e max. |
|------------------|--------|
| 50 bar           | 1,20   |
| 100 bar          | 0,80   |
| 200 bar          | 0,40   |
| 300 bar          | 0,25   |
| 400 bar          | 0,15   |

### Toleranz / Tolerance

| D  | d           | L           |
|----|-------------|-------------|
| H9 | + 0,10<br>0 | + 0,20<br>0 |



## Description

Easy assembly.  
Low spatial requirement.  
Extremely good sealing effect.  
High abrasion resistance.

## Item

| Identification | D<br>(mm) | d<br>(mm) | L<br>(mm) |
|----------------|-----------|-----------|-----------|
| GPP 16         | 16        | 9         | 2,5       |
| GPP 25         | 25        | 18        | 2,5       |
| GPP 63         | 63        | 51        | 4,0       |