

## For general applications and for mildly corrosive chemicals



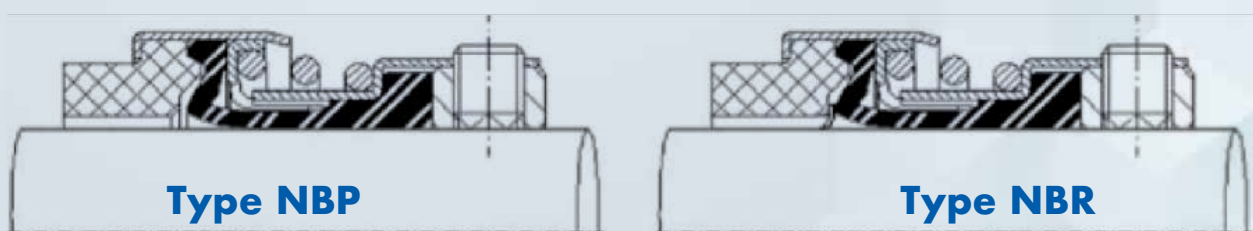
- Monobloc for rapid installation
- In permanent contact with the shaft with avoid all movement
- Interchangeable compatible counterfaces (Type IN)
- Difficult to clog
- **Temperature:** -40 °C to 180 °C (depending on material choice)
- **Pressure:** up to 26 bar (NBP) up to 30 bar (NBR)
- **Max Speed:** 20 m/s
- **Shaft size:** 10 to 70 mm

Performances shown above are minimum values for standard conditions of use; consult our technical experts for validation.

### COEFFICIENT OF CORRECTION OF RESISTANCE TO PRESSURE AND SPEED

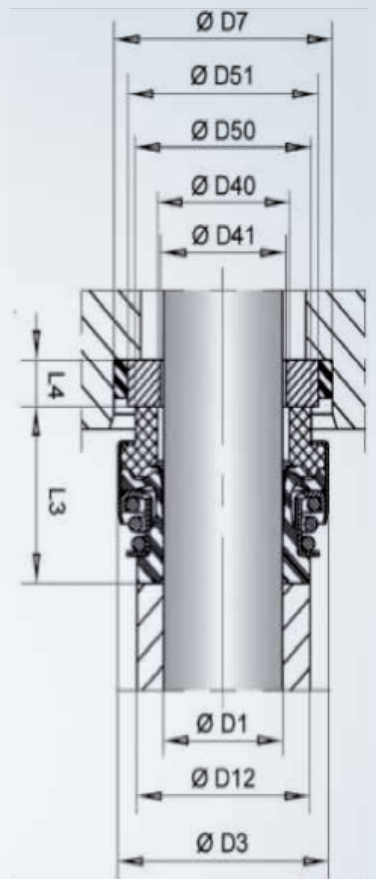
|                                  | SELECTION FACTOR                    | COEFFICIENT |
|----------------------------------|-------------------------------------|-------------|
| Nature of the fluid to be sealed | Petrol/gasoline, Kerosene           | × 1         |
|                                  | Water, Aqueous solution             | × 1         |
|                                  | Flashing hydrocarbons               | × 0,75      |
| Friction faces materials         | Carbon vs. silicon carbide          | × 1         |
|                                  | Carbone vs. alumina                 | × 0,8       |
|                                  | Silicon carbide vs. silicon carbide | × 0,6       |
| Fluid temperature                | T < 80° C                           | × 1         |
|                                  | 80° C < T < 120° C                  | × 0,8       |
|                                  | 120° C < T < 180° C                 | × 0,4       |
| Speed                            | < 3 000 R.P.M                       | × 1         |
|                                  | > 3 000 R.P.M                       | × 0,85      |

### POSSIBILITY OF ASSEMBLY



## DIMENSIONS OF NBP AND NBR SEALS AND SEAT IN (MM)

| SHAFT DIAMETER | SEAL HEAD         |                | SEAT         |
|----------------|-------------------|----------------|--------------|
|                | External diameter | Working length | Designation  |
| 10             | 20                | 19             | 10- 21 -5    |
| 12             | 22                | 21             | 12- 23 -6    |
| 14             | 24                | 21             | 14- 25 -6    |
| 15             | 26                | 21             | 15 - 27 -6   |
| 16             | 26                | 21             | 16 - 27 -6   |
| 17             | 32                | 23             | 17 - 33 - 6  |
| 18             | 32                | 23             | 18 - 33 - 6  |
| 20             | 34                | 23             | 20 - 35 - 6  |
| 22             | 36                | 23             | 22 - 37 - 6  |
| 24             | 38                | 25             | 24 - 39 - 6  |
| 25             | 39                | 26             | 25 - 40 - 6  |
| 28             | 42                | 26             | 28 - 43 - 6  |
| 30             | 44                | 26             | 30 - 45 - 7  |
| 32             | 46                | 27             | 32 - 48 - 7  |
| 35             | 49                | 29             | 35 - 50 - 8  |
| 38             | 54                | 32             | 38 - 56 - 8  |
| 40             | 56                | 32             | 40 - 58 - 8  |
| 45             | 61                | 34             | 45 - 63 - 8  |
| 48             | 64                | 35             | 48 - 66 - 10 |
| 50             | 66                | 36             | 50 - 70 -10  |
| 55             | 71                | 37             | 55 - 75 - 10 |
| 60             | 80                | 40             | 60 - 80 - 12 |
| 65             | 85                | 40             | 65 - 85 - 12 |
| 70             | 90                | 47             | 70 - 92 - 12 |



## DESIGNATION OF MATERIALS

| COMPONENT DESIGNATION | MATERIALS                     |
|-----------------------|-------------------------------|
| Friction washer       | Molded resin carbon           |
|                       | Carbographite                 |
|                       | Carbon impregnated with resin |
|                       | Silicon carbide               |
|                       | Tungsten carbide (option)     |
|                       | PTFE charged glass (optional) |
| Elastomer parts       | Nitrile                       |
|                       | Ethylene propylene            |
|                       | FPM                           |
| Metal part and spring | Stainless steel               |
| Seat                  | Porous silicon carbide        |
|                       | Stainless steel               |
|                       | Silicon carbide               |
|                       | Alumina (99% optional)        |
|                       | Tungsten carbide (option)     |



For other materials, contact us.