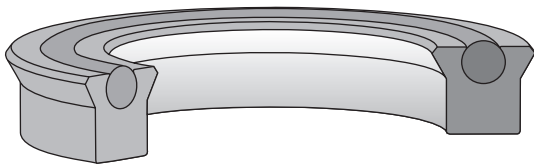


# HB

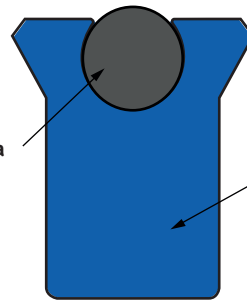


La junta HB es un elemento de estanqueidad hidráulico de simple efecto formado por una junta en U de poliuretano de perfil compacto y una junta tórica de elastómero que actúa como elemento de precarga. Es apta tanto para vástago como para pistón. Su sección rectangular le aporta estabilidad en el alojamiento, incluso en carreras largas y alta presión. Gracias a la junta tórica, mantiene la fuerza de contacto a presión cero o baja evitando fugas, y a medida que sube la presión aumenta la fuerza de sellado y la tórica garantiza la actuación completa del labio.

*The HB is a single-acting hydraulic sealing element made up of a compact polyurethane U-seal and an elastomer O-Ring acting as a energizing element. It is suitable for both rod and piston. Its rectangular cross-section provides stability in the housing, even in long strokes and high pressure. Thanks to the O-Ring it keeps the contact force at zero or low pressure preventing bypass, and as pressure rises the sealing force increases and the O-Ring ensures full lip actuation*



Junta tórica de precarga  
*Energizing O-Ring*



Cuerpo de poliuretano  
*PU Body*



-40°C  
100°C



40MPa



< 0.5m/s



6mm  
2000mm

- Válida tanto para vástago como para pistón, de simple efecto.
- Excelente estanqueidad estática y dinámica.
- Buen sellado a presiones bajas, variables y de choque gracias a la junta tórica de precarga.
- Sección rectangular que aporta estabilidad en el alojamiento, también en carreras largas y alta presión.
- Funcionamiento seguro en sistemas bloqueados de larga duración y con vibraciones.
- Diseño compacto que requiere poco espacio de montaje.



- Suitable for both rod and piston, single-acting.
- Excellent static and dynamic sealing.
- Good sealing at low, variable and shock pressures thanks to the preloading O-Ring.
- Rectangular cross-section that provides stability in the housing, also in long strokes and high pressure.
- Safe operation in long-term locked systems and under vibration.
- Compact design requiring little installation space.

Junta en U de poliuretano (PU) por su elevada resistencia al desgaste y a la extrusión, con junta tórica de precarga de NBR (nitrilo). Adecuada para aceites hidráulicos minerales, aceites biodegradables y fluidos de base agua (solubles en agua y agua-glicol) mediante la selección adecuada del material.

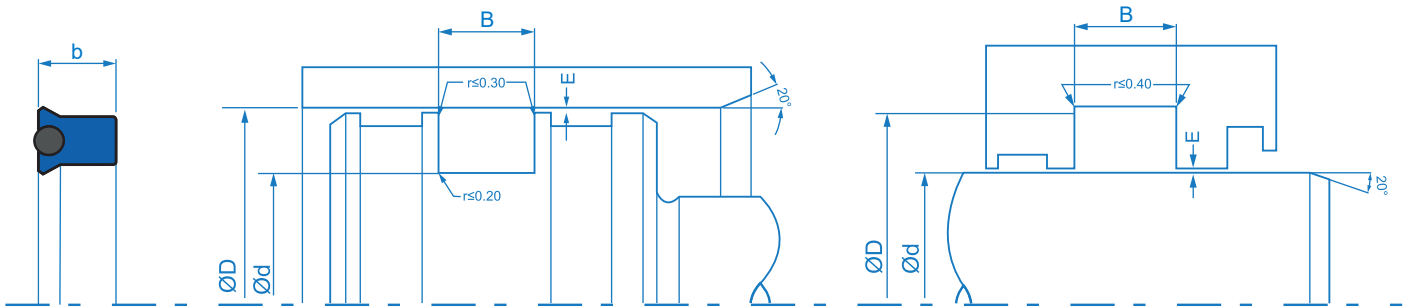


*Polyurethane (PU) U-seal for its high resistance to wear and extrusion, with an NBR (nitrile) preloading O-Ring. Suitable for mineral hydraulic oils, bio oils and water-based fluids (water soluble and water glycol) through the appropriate material selection.*

Lubricar la junta y las superficies de montaje. Acharflanar y pulir los cantos de entrada. Evitar rebabas y cantos vivos. Montar sin torsiones ni pellizcos. Comprobar el correcto asentamiento antes de la puesta en servicio. No montar dos juntas enfrentadas en pistón de doble efecto, para evitar el atrapamiento de presión entre ellas.

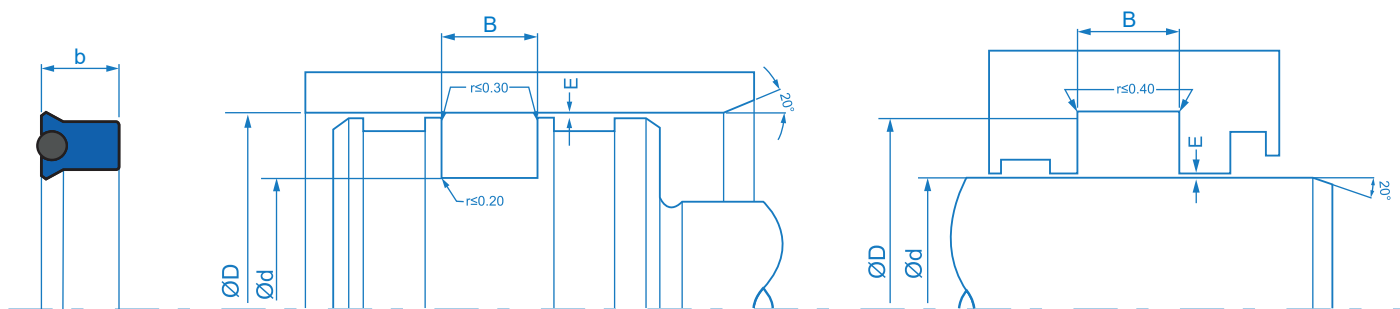


*Lubricate the seal and the mating surfaces. Chamfer and polish the lead-in edges. Avoid burrs and sharp edges. Fit without twisting or pinching. Check correct seating before commissioning. Do not fit two seals back to back in a double-acting piston, to avoid pressure being trapped between them.*



| NO.                    | Ød    | ØD    | b      | B     | C   |
|------------------------|-------|-------|--------|-------|-----|
| U-19.05*25.4*6.35 HB   | 19.05 | 25.4  | 6.35   | 6.98  | 3   |
| U-22.23*28.58*3.18 HB  | 22.23 | 28.58 | 3.18   | 3.51  | 3   |
| U-25.4*31.75*6.35 HB   | 25.4  | 31.75 | 6.35   | 6.98  | 3   |
| U-25.4*34.93*4.76 HB   | 25.4  | 34.93 | 4.76   | 5.28  | 4   |
| U-25.4*34.93*7.94 HB   | 25.4  | 34.93 | 7.94   | 8.71  | 4   |
| U-25.4*38.1*6.35 HB    | 25.4  | 38.1  | 6.35   | 6.98  | 4.5 |
| U-28.58*38.1*4.76 HB   | 28.58 | 38.1  | 4.76   | 5.28  | 4   |
| U-28*40*9 HB           | 28    | 40    | 9      | 10    | 4   |
| U-30*40*6 HB           | 30    | 40    | 6      | 7     | 4   |
| U-30*40*9 HB           | 30    | 40    | 9      | 10    | 4   |
| U-31.75*38.1*6.35 HB   | 31.75 | 38.1  | 6.35   | 6.98  | 3   |
| U-31.75*41.28*7.94 HB  | 31.75 | 41.28 | 7.94   | 8.71  | 4   |
| U-38.1*47.63*7.94 HB   | 38.1  | 47.63 | 7.94   | 8.71  | 4   |
| U-38.1*47.63*9.53 HB   | 38.1  | 47.63 | 9.53   | 10.49 | 4   |
| U-38.1*50.8*9.53 HB    | 38.1  | 50.8  | 9.53   | 10.49 | 4.5 |
| U-40*50*6 HB           | 40    | 50    | 6      | 7     | 4   |
| U-44.45*53.98*9.53 HB  | 44.45 | 53.98 | 9.53   | 10.49 | 4   |
| U-47.62*57.15*9.52 HB  | 47.62 | 57.15 | 9.52   | 10.48 | 4   |
| U-50.8*60.33*9.53 HB   | 50.8  | 60.33 | 9.53   | 10.49 | 4   |
| U-50.8*63.5*9.53 HB    | 50.8  | 63.5  | 9.53   | 10.49 | 4.5 |
| U-57.15*69.85*6.35 HB  | 57.15 | 69.85 | 6.35   | 6.98  | 4.5 |
| U-63.5*76.2*9.53 HB    | 63.5  | 76.2  | 9.53   | 10.49 | 4.5 |
| U-76.2*88.9*9.53 HB    | 76.2  | 88.9  | 9.53   | 10.49 | 4.5 |
| U-76.2*95.25*15.875 HB | 76.2  | 95.25 | 15.875 | 17.47 | 5   |
| U-88.9*101.6*9.53 HB   | 88.9  | 101.6 | 9.53   | 10.49 | 4.5 |
| U-92.08*101.6*9.53 HB  | 92.08 | 101.6 | 9.53   | 10.49 | 4   |

# HB



| NO.                             | Ød     | ØD     | b      | B     | C   |
|---------------------------------|--------|--------|--------|-------|-----|
| <b>U-105*120*9 HB</b>           | 105    | 120    | 9      | 10    | 4.5 |
| <b>U-107.95*127*15.88 HB</b>    | 107.95 | 127    | 15.88  | 17.47 | 5   |
| <b>U-109*125*10.5 HB</b>        | 109    | 125    | 10.5   | 11.5  | 4.5 |
| <b>U-152.4*171.45*15.875 HB</b> | 152.4  | 171.45 | 15.875 | 17.47 | 5   |