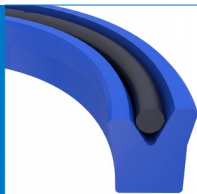


HBI

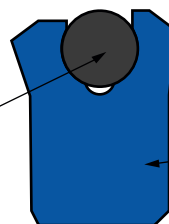


La junta HBI es un sello de estanqueidad para vástago de simple efecto, diseñado para evitar fugas de fluido hidráulico hacia el exterior en cilindros hidráulicos. Su diseño combina un anillo principal de sellado con una junta tórica (O-Ring) que actúa como elemento de precarga, garantizando un contacto permanente con la superficie del vástago y el alojamiento incluso a bajas presiones.

The HBI is a single-acting rod seal designed to prevent external leakage of hydraulic fluid in hydraulic cylinders. Its design combines a main sealing ring with an O-Ring acting as a energizing element, ensuring permanent contact with the rod surface and the housing even at low pressures.



Junta tórica de precarga
Energizing O-Ring



Cuerpo de Poliuretano
PU Body



-40°C
100°C



40MPa



< 0.5m/s



6mm
2000mm

- Excelente estanqueidad estática y dinámica.
- La junta tórica garantiza una fuerza de contacto constante incluso a bajas presiones.
- Baja fricción y reducida fuerza de arranque.
- Elevada resistencia al desgaste y a la abrasión
- Buena capacidad de compensación de pequeñas desviaciones y tolerancias de montaje.
- Adecuada para movimientos alternativos del vástago.
- Reduce el riesgo de fugas externas y mejora la vida útil del sistema.
- Permite velocidades de trabajo elevadas según el material empleado.
- Compatible con aceites hidráulicos minerales y otros fluidos mediante la selección adecuada del material.
- Diseño compacto que requiere poco espacio de montaje.



- *Excellent static and dynamic sealing.*
- *The O-Ring ensures constant contact force even at low pressures.*
- *Low friction and reduced break-out force.*
- *High resistance to wear and abrasion.*
- *Good compensation of small deviations and assembly tolerances.*
- *Suitable for reciprocating rod movements.*
- *Reduces the risk of external leakage and extends system service life.*
- *Allows high working speeds depending on the material used.*
- *Compatible with mineral hydraulic oils and other fluids through the appropriate material selection.*
- *Compact design requiring little installation space.*

Cuerpo en poliuretano (PU) tipo CO de 92 a 95 Shore A, con alta resistencia al desgaste y a la abrasión, y O-Ring de precarga en NBR 70 Shore A. Buen comportamiento con aceites minerales y grasas. Para fluidos de base agua o ignífugos (HFA, HFB, HFC), confirmar el material.

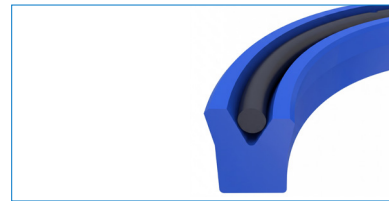


Polyurethane (PU) body, CO type, 92 to 95 Shore A, with high wear and abrasion resistance, and NBR 70 Shore A preload O-Ring. Good performance with mineral oils and greases. For water-based or fire-resistant fluids (HFA, HFB, HFC), please confirm the material.

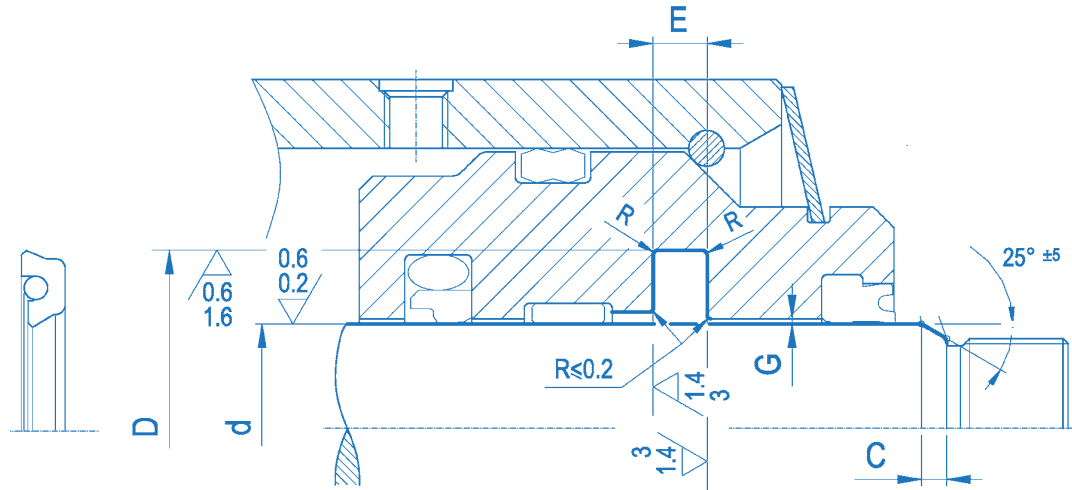
Lubricar la junta y las superficies de montaje. Evitar rebabas y cantos vivos. Montar sin torsiones ni pellizcos. Comprobar el correcto asentamiento antes de la puesta en servicio.



Lubricate the seal and the mating surfaces. Avoid burrs and sharp edges. Fit without twisting or pinching. Check correct seating before commissioning.

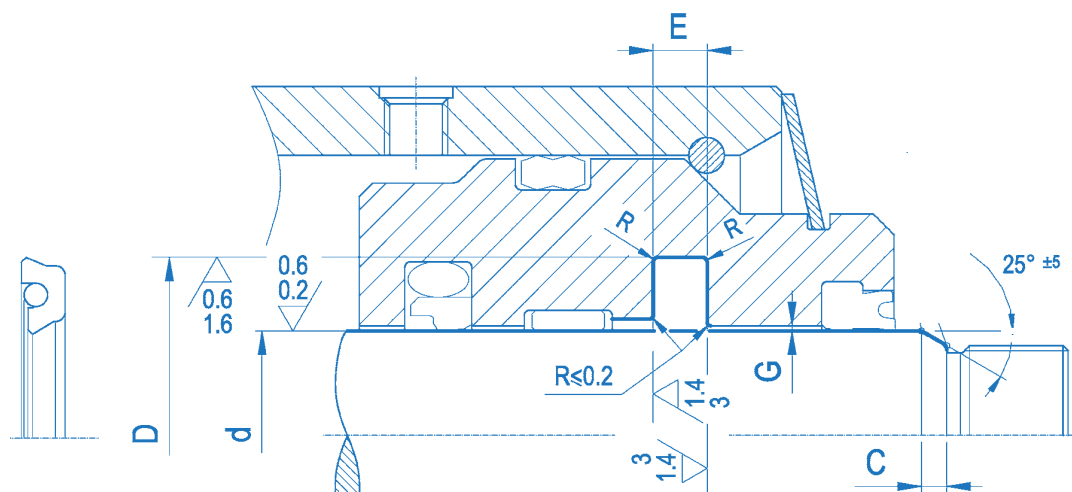
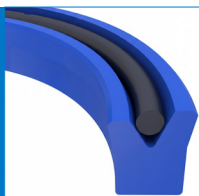


HBI



NO.	d	D	E	R	C
U-8*15.5*3-HBI	8	15.5	3	0.5	3
U-12*19.5*3.2-HBI	12	19.5	3.2	0.5	3
U-14*21.5*3.2-HBI	14	21.5	3.2	0.5	3
U-16*23.5*3.2-HBI	16	23.5	3.2	0.5	3
U-18*25.5*3.2-HBI	18	25.5	3.2	0.5	3
U-20*27.5*3.2-HBI	20	27.5	3.2	0.5	3
U-20*31*4.2-HBI	20	31	4.2	0.5	4
U-22*29.5*3.2-HBI	22	29.5	3.2	0.5	3
U-22*33*4.2-HBI	22	33	4.2	0.5	4
U-25*32.5*3.2-HBI	25	32.5	3.2	0.5	3
U-25*36*4.2-HBI	25	36	4.2	0.5	4
U-26.5*34*3.2-HBI	26.5	34	3.2	0.5	3
U-28*39*4.2-HBI	28	39	4.2	0.5	4
U-32*43*4.2-HBI	32	43	4.2	0.5	4
U-36*47*4.2-HBI	36	47	4.2	0.5	4
U-40*51*4.2-HBI	40	51	4.2	0.5	4
U-40*55.5*6.3-HBI	40	55.5	6.3	0.9	5
U-45*56*4.2-HBI	45	56	4.2	0.5	4
U-45*60.5*6.3-HBI	45	60.5	6.3	0.9	5
U-50*61*4.2-HBI	50	61	4.2	0.5	4
U-50*65.5*6.3-HBI	50	65.5	6.3	0.9	5
U-55*66*4.2-HBI	55	66	4.2	0.5	4
U-55*70.5*6.3-HBI	55	70.5	6.3	0.5	4
U-56*67*4.2-HBI	56	67	4.2	0.5	4
U-56*71.5*6.3-HBI	56	71.5	6.3	0.9	5
U-63*74*4.2-HBI	63	74	4.2	0.5	4

HBI



NO.	Ød	ØD	b	B	C
U-63*78.5*6.3-HBI	63	78.5	6.3	0.9	5
U-65*80.5*6.3-HBI	65	80.5	6.3	0.9	5
U-70*85.5*6.3-HBI	70	85.5	6.3	0.9	5
U-75*86*4.2-HBI	75	86	4.2	0.5	4
U-75*90.5*6.3-HBI	75	90.5	6.3	0.9	5
U-80*95.5*6.3-HBI	80	95.5	6.3	0.9	5
U-90*105.5*6.3-HBI	90	105.5	6.3	0.9	5
U-95*110.5*6.3-HBI	95	110.5	6.3	0.9	5
U-100*115.5*6.3-HBI	100	115.5	6.3	0.9	5
U-105*120.5*6.3-HBI	105	120.5	6.3	0.9	5
U-110*125.5*6.3-HBI	110	125.5	6.3	0.9	5
U-115*130.5*6.3-HBI	115	130.5	6.3	0.9	5
U-120*135.5*6.3-HBI	120	135.5	6.3	0.9	5
U-130*145.5*6.3-HBI	130	145.5	6.3	0.9	5
U-135*150.5*6.3-HBI	135	150.5	6.3	0.9	5
U-140*155.5*6.3-HBI	140	155.5	6.3	0.9	5
U-145*160.5*6.3-HBI	145	160.5	6.3	0.9	5
U-150*165.5*6.3-HBI	150	165.5	6.3	0.9	5
U-160*175.5*6.3-HBI	160	175.5	6.3	0.9	5
U-160*181*8.1-HBI	160	181	8.1	0.9	7
U-180*195.5*6.3-HBI	180	195.5	6.3	0.9	5
U-190*205.5*6.3-HBI	190	205.5	6.3	0.9	5
U-200*215.5*6.3-HBI	200	215.5	6.3	0.9	5
U-200*221*8.1-HBI	200	221	8.1	0.9	7