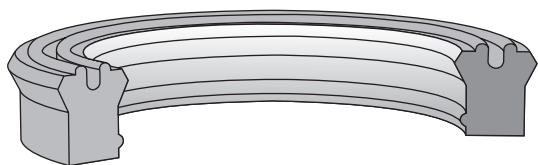


UNP2



El UNP2 es una junta en U de perfil asimétrico y simple efecto, con un labio de estanqueidad secundario y un canto de apoyo adicional. Su geometría, con ajuste firme en el diámetro exterior, está pensada para cilindros con alojamientos de pequeñas dimensiones. El labio secundario protege frente a la entrada de suciedad y, junto con la precarga que genera el perfil, ofrece un buen cierre tanto a altas como a bajas presiones.

The UNP2 is an asymmetrical single-acting U-shaped seal with a secondary sealing lip and an additional support edge. Its geometry, with a tight fit on the outer diameter, is designed for cylinders with small housing dimensions. The secondary lip protects against the ingress of dirt and, together with the preload generated by the profile, provides good sealing at both high and low pressures.



Canto de estanqueidad y apoyo
Support and sealing edge



Labios de sellado simétricos
Symmetrical sealing lips

Cuerpo en PU
PU body



-40°C
100°C



40MPa



< 0.5m/s



6mm
2000mm

- Perfil asimétrico de simple efecto, para carga de presión por un solo lado.
- Labio de estanqueidad secundario que protege frente a la entrada de suciedad.
- Canto de apoyo adicional que mejora la estabilidad y el guiado.
- Ajuste firme en el diámetro exterior.
- Buen rendimiento a altas y bajas presiones gracias a la precarga del perfil.
- Alta resistencia al desgarro y al desgaste.
- Montaje sencillo por encaje (snap-on) en alojamientos de pequeñas dimensiones.



- Asymmetrical single-acting profile, for one-sided pressure load.
- Secondary sealing lip that protects against the ingress of dirt.
- Additional support edge improving stability and guidance.
- Tight fit on the outer diameter.
- Good performance at high and low pressures thanks to the profile preload.
- High tear and wear resistance.
- Simple snap-on assembly in small housing dimensions.

Fabricado en poliuretano (PU) con una dureza de 92 a 95 Shore A, un material de gran resistencia mecánica y a la abrasión que ofrece un excelente comportamiento frente a aceites hidráulicos según DIN 51524 partes 1 a 3, aceites y grasas lubricantes de base mineral y fluidos hidráulicos ignífugos HFA, HFB y HFC según VDMA 24317.



Made of polyurethane (PU) with a hardness of 92 to 95 Shore A, a material of high mechanical and abrasion resistance that offers excellent performance against hydraulic oils to DIN 51524 parts 1 to 3, mineral-based lubricating oils and greases, and HFA, HFB and HFC fire-resistant hydraulic fluids to VDMA 24317.

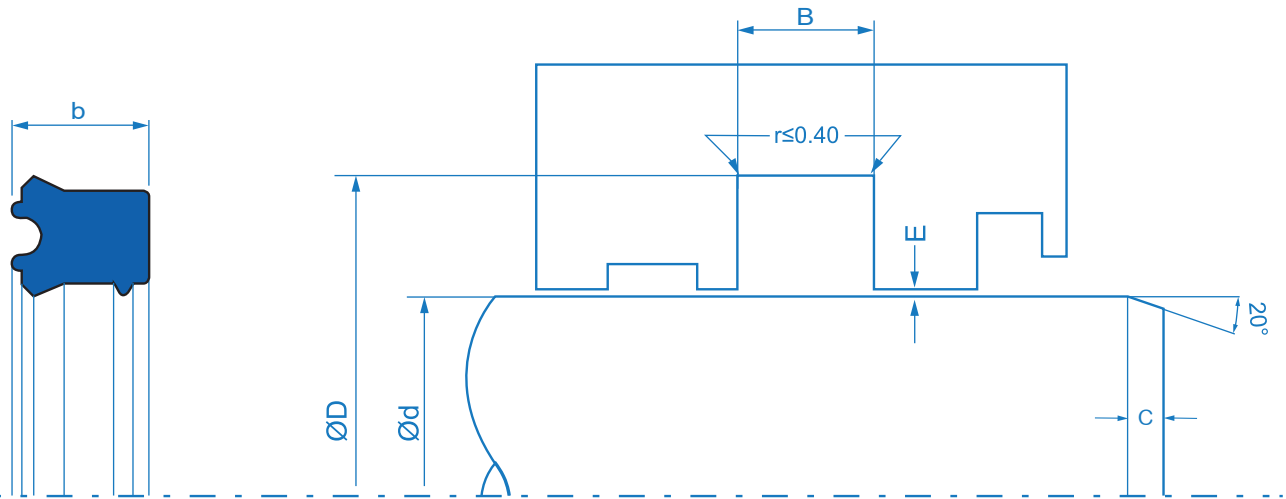
Montaje en ranura cerrada y mecanizada (o en espacios axialmente abiertos hasta 25 mm de diámetro). Achaflanar y desbarbar los cantos del alojamiento y del vástago, y limpiar bien el alojamiento antes de instalar. No arrastrar la junta sobre cantos vivos, rosas o chaveteros, usando un casquillo de montaje si es necesario. Lubricar el vástago antes del montaje.



Fit in a closed, machined groove (or in axially open spaces up to 25 mm diameter). Chamfer and deburr the edges of the housing and of the rod, and clean the housing thoroughly before installation. Do not pull the seal over sharp edges, threads or keyways, using a mounting sleeve if necessary. Lubricate the rod before assembly.

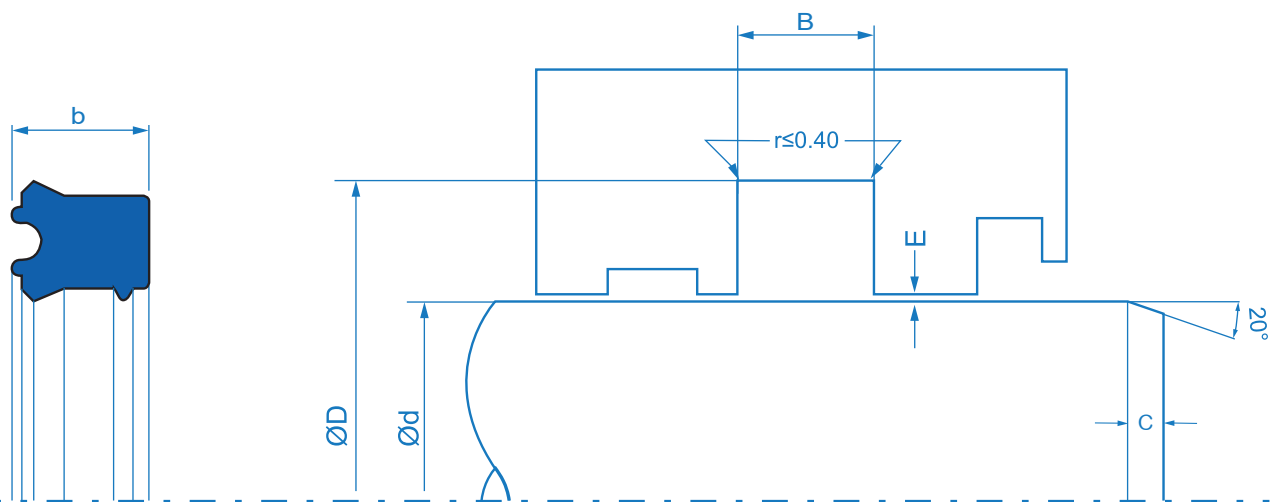


UNP2



NO.	Ød	ØD	b	B	C
U-6*10*4 UNP2	6	10	4	4.5	3
U-8*16*5.8 UNP2	8	16	5.8	6.3	4
U-10*16*5 UNP2	10	16	5	6	3
U-10*15*3.7 UNP2	10	15	3.7	4.2	3
U-12*20*5.8 UNP2	12	20	5.8	6.3	4
U-12*19*5.7 UNP2	12	19	5.7	6.2	3.5
U-14*20*5.7 UNP2	14	20	5.7	6.2	3
U-16*22*5 UNP2	16	22	5	6	3
U-16*20.9*3.5 UNP2	16	20.9	3.5	4	3
U-18*26*5.8 UNP2	18	26	5.8	6.3	4
U-18*25*5 UNP2	18	25	5	6	3.5
U-20*28*5.8 UNP2	20	28	5.8	6.3	4
U-20*27*5.8 UNP2	20	27	5.8	6.8	3.5
U-22*28*4.5 UNP2	22	28	4.5	5	3
U-22*30*7 UNP2	22	30	7	8	4
U-22*30*5.8 UNP2	22	30	5.8	6.3	4
U-24.5*30*4.5 UNP2	24.5	30	4.5	5	3
U-25*33*5.8 UNP2	25	33	5.8	6.3	4
U-25*36*5 UNP2	25	36	5	6	4.5
U-28*36*6 UNP2	28	36	6	7	4
U-28*36*6.3 UNP2	28	36	6.3	7.3	4
U-28*36*8 UNP2	28	36	8	9	4
U-28*34.2*5 UNP2	28	34.2	5	6	3
U-28*38*5.3 UNP2	28	38	5.3	6.3	4.5
U-30*38*5.8 UNP2	30	38	5.8	6.3	4
U-30*38*8 UNP2	30	38	8	9	4

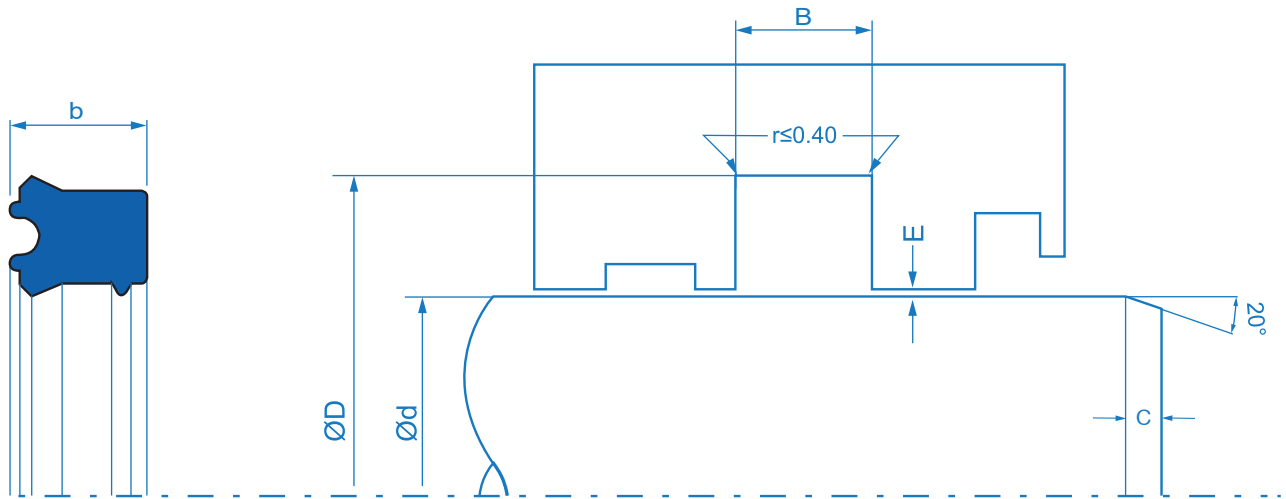
UNP2



NO.	$\varnothing d$	$\varnothing D$	b	B	C
U-30*40*10 UNP2	30	40	10	11	4.5
U-30*40*8 UNP2	30	40	8	9	4.5
U-30*38*7 UNP2	30	38	7	8	4
U-30*40*6.5 UNP2	30	40	6.5	7.5	4.5
U-31.75*38.1*6.35 UNP2	31.75	38.1	6.35	7.35	3
U-32*40*8 UNP2	32	40	8	9	4
U-32*40*5.5 UNP2	32	40	5.5	6	4
U-32*42*7 UNP2	32	42	7	8	4.5
U-32*42*8 UNP2	32	42	8	9	4.5
U-32*40*6 UNP2	32	40	6	7	4
U-32*47*10 UNP2	32	47	10	11	5.5
U-32*40*6.5 UNP2	32	40	6.5	7.5	4
U-35*43*5.8 UNP2	35	43	5.8	6.3	4
U-35*43*8 UNP2	35	43	8	9	4
U-35*45*5.8 UNP2	35	45	5.8	6.3	4.5
U-35*45*10 UNP2	35	45	10	11	4.5
U-35*45*7 UNP2	35	45	7	8	4.5
U-36*44*5.8 UNP2	36	44	5.8	6.3	4
U-36*44*8 UNP2	36	44	8	9	4
U-38*50*8.5 UNP2	38	50	8.5	9.5	5
U-40*48*5.8 UNP2	40	48	5.8	6.3	4
U-40*48*8 UNP2	40	48	8	9	4
U-40*50*7 UNP2	40	50	7	8	4.5
U-40*50*10 UNP2	40	50	10	11	4.5
U-42*50*6 UNP2	42	50	6	7	4
U-42*52*8 UNP2	42	52	8	9	4.5

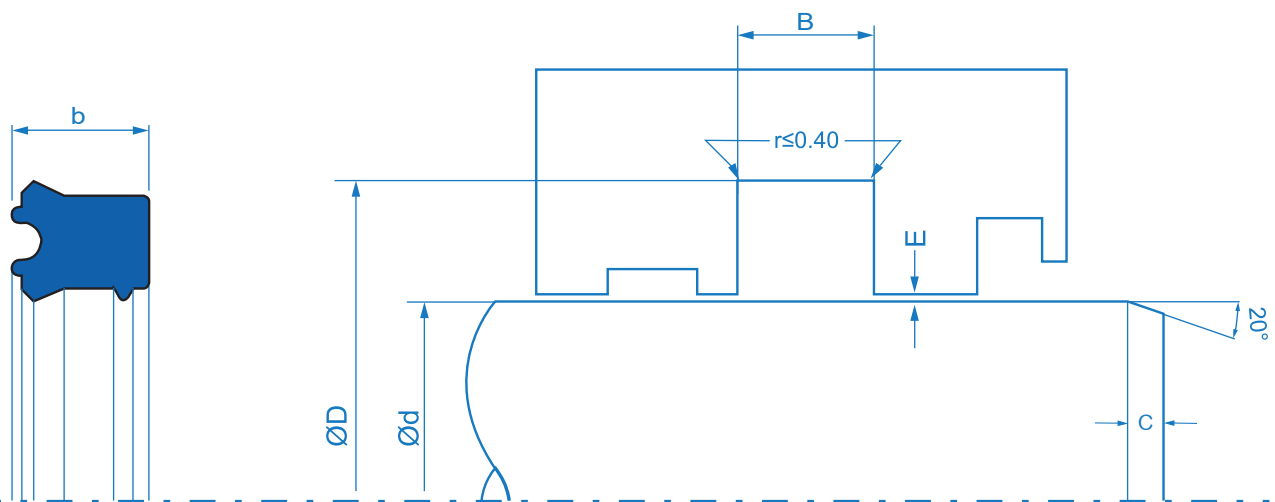


UNP2



NO.	$\varnothing d$	$\varnothing D$	b	B	C
U-44.45*53.97*7.92 UNP2	44.45	53.97	7.92	8.92	4.5
U-45*53*5.8 UNP2	45	53	5.8	6.3	4
U-45*53*8 UNP2	45	53	8	9	4
U-45*55*7 UNP2	45	55	7	8	4.5
U-45*55*5.8 UNP2	45	55	5.8	6.3	4.5
U-45*52*12 UNP2	45	52	12	13	3.5
U-45*55*10 UNP2	45	55	10	11	4.5
U-46*54*8 UNP2	46	54	8	9	4
U-50*58*8 UNP2	50	58	8	9	4
U-50*58*9 UNP2	50	58	9	10	4
U-50*60*10 UNP2	50	60	10	11	4.5
U-50*60*7 UNP2	50	60	7	8	4.5
U-50*70*13.5 UNP2	50	70	13.5	14.5	6
U-50*60*9 UNP2	50	60	9	10	4.5
U-55*65*8 UNP2	55	65	8	9	4.5
U-55*63*8 UNP2	55	63	8	9	4
U-55*65*10 UNP2	55	65	10	11	4.5
U-56*64*8 UNP2	56	64	8	9	4
U-56*66*6.8 UNP2	56	66	6.8	7.8	4.5
U-60*68*8 UNP2	60	68	8	9	4
U-60*70*11.5 UNP2	60	70	11.5	12.5	4.5
U-60*72*9 UNP2	60	72	9	10	5
U-60*70*10 UNP2	60	70	10	11	4.5
U-60*68*6 UNP2	60	68	6	7	4
U-60*70*7.5 UNP2	60	70	7.5	8.5	4.5
U-61*69*6 UNP2	61	69	6	7	4

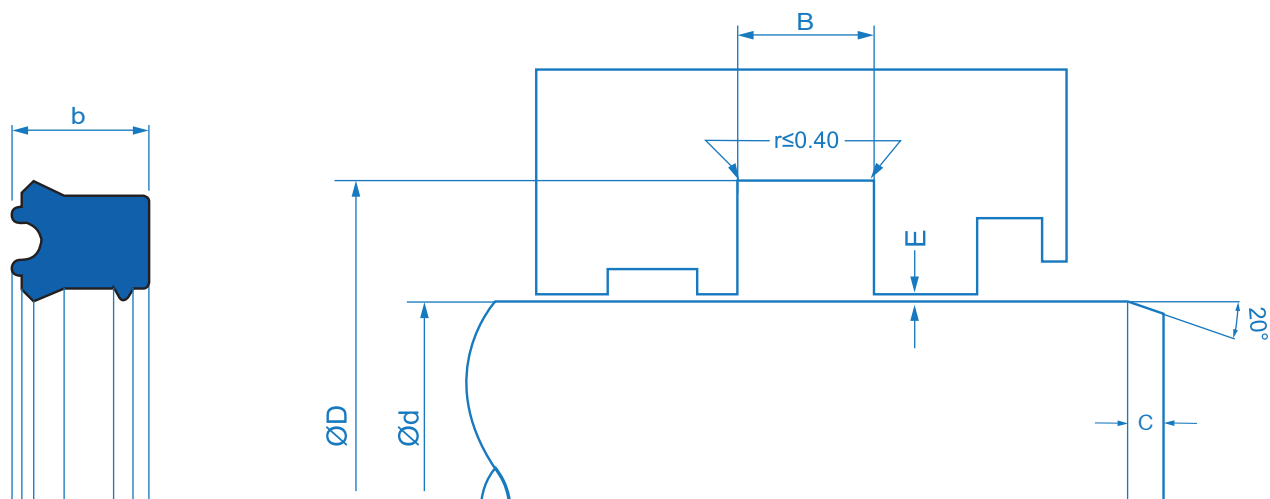
UNP2



NO.	Ød	ØD	b	B	C
U-63.5*73.02*9.52 UNP2	63.5	73.02	9.52	10.52	4.5
U-63*71*8 UNP2	63	71	8	9	4
U-65*73*8 UNP2	65	73	8	9	4
U-65*77*9 UNP2	65	77	9	10	5
U-65*75*12.5 UNP2	65	75	12.5	13.5	4.5
U-66.7*76.2*9.52 UNP2	66.7	76.2	9.52	10.52	4.5
U-70*78*8 UNP2	70	78	8	9	4
U-70*82*9 UNP2	70	82	9	10	5
U-70*85*12 UNP2	70	85	12	13	5.5
U-70*85*11.5 UNP2	70	85	11.5	12.5	5.5
U-70*80*6.5 UNP2	70	80	6.5	7.5	4.5
U-75*85*8 UNP2	75	85	8	9	4.5
U-75*83*8 UNP2	75	83	8	9	4
U-75*83*6 UNP2	75	83	6	7	4
U-75*85*10 UNP2	75	85	10	11	4.5
U-76*84*6 UNP2	76	84	6	7	4
U-78*86*13 UNP2	78	86	13	14	4
U-80*88*8 UNP2	80	88	8	9	4
U-80*90*10 UNP2	80	90	10	11	4.5
U-80*90*12 UNP2	80	90	12	13	4.5
U-80*92*9 UNP2	80	92	9	10	5
U-80*88*10 UNP2	80	88	10	11	4
U-80*88*12 UNP2	80	88	12	13	4
U-80*96*9.5 UNP2	80	96	9.5	10.5	5.5
U-85*93*8 UNP2	85	93	8	9	4
U-85*95*12 UNP2	85	95	12	13	4.5



UNP2



NO.	Ød	ØD	b	B	C
U-87.5*97.3*8 UNP2	87.5	97.3	8	9	4.5
U-90*98*8 UNP2	90	98	8	9	4
U-90*102*9 UNP2	90	102	9	10	5
U-90*105*11.5 UNP2	90	105	11.5	12.5	5.5
U-90*100*10 UNP2	90	100	10	11	4.5
U-95*103*8 UNP2	95	103	8	9	4
U-97*105*12 UNP2	97	105	12	13	4
U-100*120*15 UNP2	100	120	15	16	6
U-100*108*11.5 UNP2	100	108	11.5	12.5	4
U-100*115*12 UNP2	100	115	12	13	5.5
U-105*115*8 UNP2	105	115	8	9	4.5
U-105*113*8 UNP2	105	113	8	9	4
U-106.5*116.3*8 UNP2	106.5	116.3	8	9	4.5
U-108*116*8 UNP2	108	116	8	9	4
U-110*125*11 UNP2	110	125	11	12	5.5
U-120*128*11.5 UNP2	120	128	11.5	12.5	4
U-125.5*135.3*8 UNP2	125.5	135.3	8	9	4.5
U-128*136*11.5 UNP2	128	136	11.5	12.5	4
U-144.5*154.3*8 UNP2	144.5	154.3	8	9	4.5
U-158*168*12 UNP2	158	168	12	13	4.5
U-160*170*8 UNP2	160	170	8	9	4.5
U-164.5*174.3*8 UNP2	164.5	174.3	8	9	4.5
U-186.5*196.3*8 UNP2	186.5	196.3	8	9	4.5
U-209.5*219.3*8 UNP2	209.5	219.3	8	9	4.5