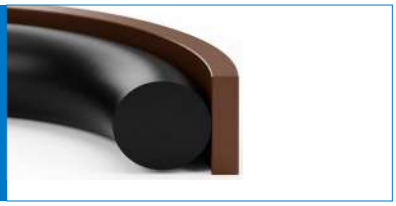
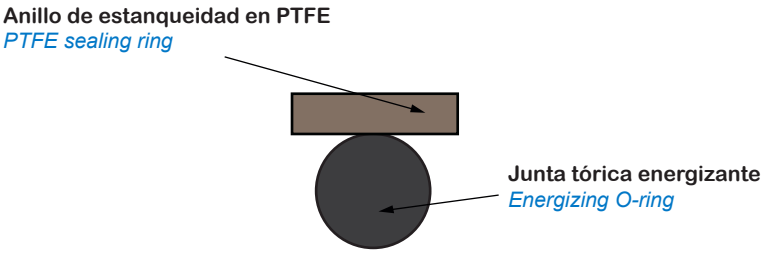
HPO



El HPO es un sello compacto bidireccional para pistón, formado por un elemento deslizante de PTFE energizado mediante una junta tórica. Está diseñado para aplicaciones hidráulicas y ofrece estanqueidad fiable, baja fricción y elevada resistencia al desgaste.

The HPO is a compact bidirectional piston seal comprising a PTFE sliding element energized by an O-ring. Designed for hydraulic applications, it provides reliable sealing, low friction and high wear resistance.





-35ºC
200ºC

35MPa

< 1.5m/s

10mm
2500mm

- Sellado bidireccional para pistones.
- Diseño compacto de dos piezas.
- Elemento de PTFE energizado mediante junta tórica.
- Baja fricción, incluso a velocidades reducidas.
- Elevada resistencia al desgaste y larga vida útil.
- Adecuado para aplicaciones hidráulicas.
- Presión máxima de trabajo: 35 MPa.
- Velocidad superficial máxima: 1,5 m/s.
- Disponible con elastómero NBR o FKM según temperatura y fluido.

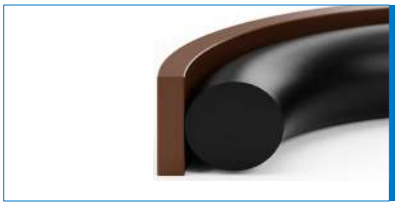
- Bidirectional sealing for pistons.
- Compact two-piece design.
- PTFE sealing element energized by an O-ring.
- Low friction, even at low speeds.
- High wear resistance and long service life.
- Suitable for hydraulic applications.
- Maximum working pressure: 35 MPa.
- Maximum surface speed: 1.5 m/s.
- Available with NBR or FKM elastomer, depending on temperature and fluid.

El perfil HPO se fabrica con un elemento de estanqueidad en PTFE con carga de bronce en una dureza de 60 Shore D y una junta tórica energizante en NBR o FKM con durezas de entre 70 y 80 shore A.

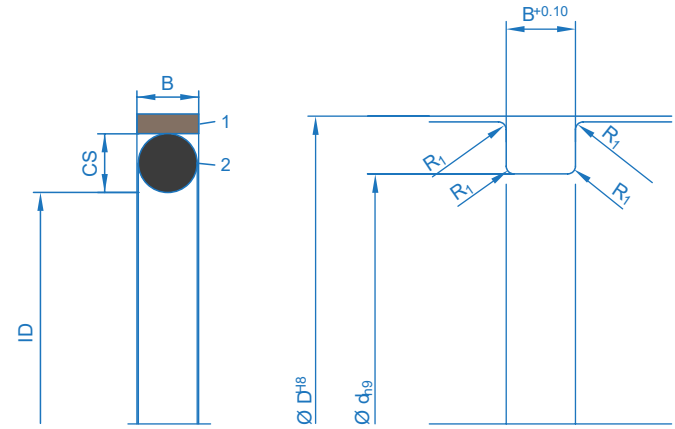
The HPO profile is manufactured with a bronze-filled PTFE sealing element with a hardness of 60 Shore D and an energizing O-ring in NBR or FKM with a hardness between 70 and 80 Shore A.

Antes del montaje, limpie el alojamiento y elimine rebabas o aristas. Lubrique ligeramente la junta tórica y el elemento de PTFE con un fluido compatible; instale sin torsiones ni herramientas cortantes. En servicio, revise fugas, desgaste y estado del alojamiento.

Before assembly, clean the housing and remove burrs or sharp edges. Lightly lubricate the O-ring and PTFE element with a compatible fluid; install without twisting or using sharp tools. During service, inspect for leakage, wear and housing condition.



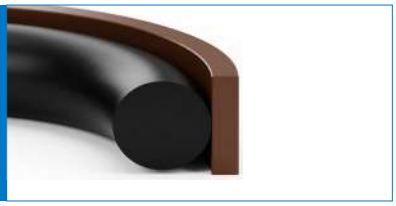
HPO

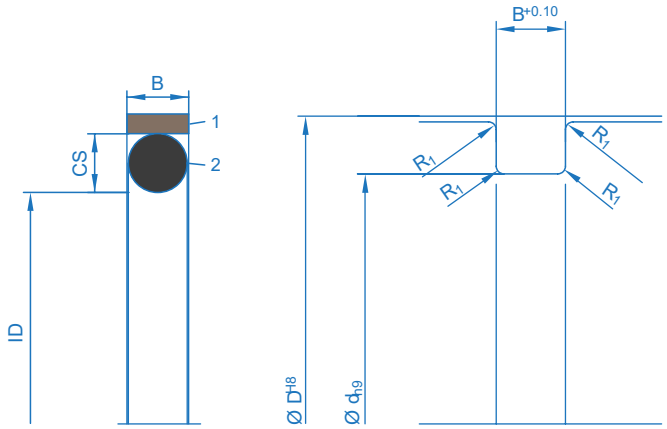


1 Anillo de deslizamiento en PTFE
2 Junta tórica energizante
R1 ≤ 0.3

NO	ØD	Ød	B	TÓRICA	CS	ID
JP-7*3*2 HPO	7	3	2	2-006	1.78	2.90
JP-8*4*2 HPO	8	4	2	2-007	1.78	3.68
JP-9*5*2 HPO	9	5	2	2-008	1.78	4.47
JP-10*6*2 HPO	10	6	2	2-010	1.78	6.07
JP-11*7*2 HPO	11	7	2	2-010	1.78	6.07
JP-12*8*2 HPO	12	8	2	2-011	1.78	7.65
JP-14*10*2 HPO	14	10	2	2-012	1.78	9.25
JP-16*10*2.85 HPO	16	10	2.85	2-110	2.62	9.19
JP-18*12*2.85 HPO	18	12	2.85	2-112	2.62	12.37
JP-19*13*2.85 HPO	19	13	2.85	2-112	2.62	12.37
JP-20*14*2.85 HPO	20	14	2.85	2-113	2.62	13.94
JP-22*16*2.85 HPO	22	16	2.85	2-114	2.62	15.54
JP-25*19*2.85 HPO	25	19	2.85	2-116	2.62	18.72
JP-28*20.5*3.8 HPO	28	20.5	3.8	2-211	3.53	20.22
JP-30*22.5*3.8 HPO	30	22.5	3.8	2-212	3.53	21.82
JP-32*24.5*3.8 HPO	32	24.5	3.8	2-214	3.53	24.99
JP-35*27.5*3.8 HPO	35	27.5	3.8	2-215	3.53	26.57
JP-36*28.5*3.8 HPO	36	28.5	3.8	2-216	3.53	28.17
JP-38*30.5*3.8 HPO	38	30.5	3.8	2-217	3.53	29.74
JP-40*32.5*3.8 HPO	40	32.5	3.8	2-219	3.53	32.92
JP-42*34.5*3.8 HPO	42	34.5	3.8	2-220	3.53	34.52
JP-45*37.5*3.8 HPO	45	37.5	3.8	2-221	3.53	37.69
JP-48*40.5*3.8 HPO	48	40.5	3.8	2-223	3.53	40.87
JP-50*37.5*5.6 HPO	50	37.5	5.6	2-325	5.33	37.47
JP-55*42.5*5.6 HPO	55	42.5	5.6	2-326	5.33	40.64
JP-60*47.5*5.6 HPO	60	47.5	5.6	2-328	5.33	46.99

HPO





1 Anillo de deslizamiento en PTFE
2 Junta tórica energizante
R1 ≤ 0.3

NO	ØD	Ød	B	TÓRICA	CS	ID
JP-63*50.5*5.6 HPO	63	50.5	5.6	2-329	5.33	50.17
JP-65*52.5*5.6 HPO	65	52.5	5.6	2-329	5.33	50.17
JP-70*57.5*5.6 HPO	70	57.5	5.6	2-331	5.33	56.52
JP-74*61.5*5.6 HPO	74	61.5	5.6	2-332	5.33	59.69
JP-75*62.5*5.6 HPO	75	62.5	5.6	2-333	5.33	62.87
JP-80*67.5*5.6 HPO	80	67.5	5.6	2-334	5.33	66.04
JP-85*72.5*5.6 HPO	85	72.5	5.6	2-336	5.33	72.39
JP-90*77.5*5.6 HPO	90	77.5	5.6	2-337	5.33	75.57
JP-92*79.5*5.6 HPO	92	79.5	5.6	2-338	5.33	78.74
JP-100*87.5*5.6 HPO	100	87.5	5.6	2-340	5.33	85.09
JP-105*92.5*5.6 HPO	105	92.5	5.6	2-342	5.33	91.44
JP-110*97.5*5.6 HPO	110	97.5	5.6	2-344	5.33	97.79
JP-115*102.5*5.6 HPO	115	102.5	5.6	2-345	5.33	100.97
JP-120*107.5*5.6 HPO	120	107.5	5.6	2-347	5.33	107.32
JP-125*112.5*5.6 HPO	125	112.5	5.6	2-348	5.33	110.49
JP-130*115*7.55 HPO	130	115	7.55	2-425	6.99	113.67
JP-140*125*7.55 HPO	140	125	7.55	2-428	6.99	123.19
JP-150*135*7.55 HPO	150	135	7.55	2-431	6.99	132.72
JP-160*145*7.55 HPO	160	145	7.55	2-435	6.99	142.24
JP-200*182*7.55 HPO	200	182	7.55	2-441	6.99	177.17
JP-220*202*7.55 HPO	220	202	7.55	2-444	6.99	196.22