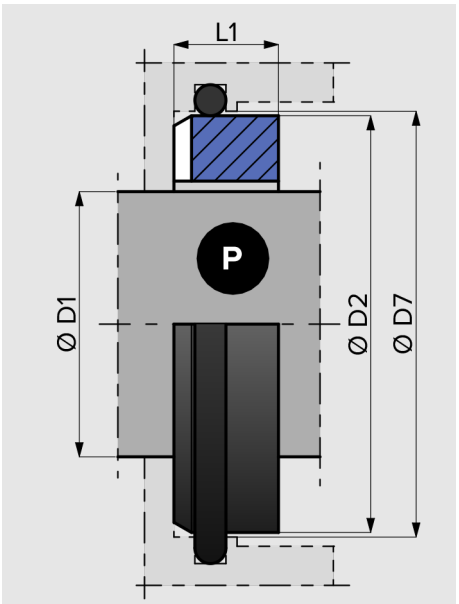
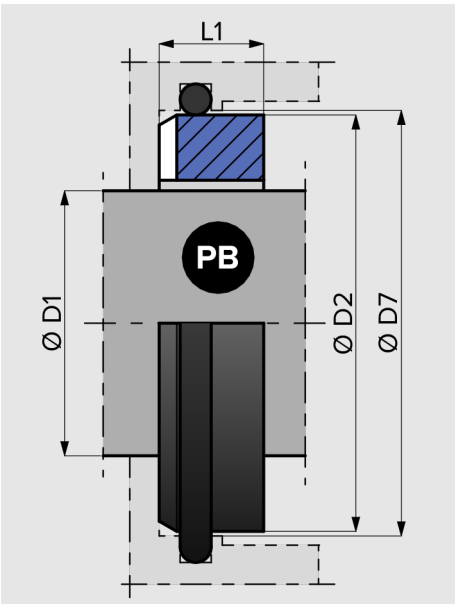
P / PB SEAT

'IMPERIAL - BLOCK SEAT'
SPECIFICATION SHEET







- **Imperial Housing Sizes**
- **Block Seats**
- **O-ring Mounted**

O-ring mounted stationaries are preferred for their versatility in elastomer selection, as well as higher operating limits in housings with higher manufacturing tolerances.

For P and PB "block" seats, the o-ring is installed in a radial groove within the housing rather than in the stationary itself. The rear makes direct contact with the base of the housing recess, providing better heat transfer and dissipation. Provision for an anti-rotation pin is included via a rear slot, intended for use in specialised or viscous fluid applications.

- **P Seat**

Dimensionally standardised to the seat's outer diameter (OD) and require custom-modified housings for correct fitment.

Equivalent: John Crane® PP

- **PB Seat**

Dimensionally standardised to the housing bore.

Equivalent: Sealol® B - Block Seat

- **Material Availability**

Seal Face:	Silicon Carbide (SiC)
Elastomer:	Nitrile (N)
	Viton (V)
	EPDM (EP)
	~Kalrez®, Teflex®, Aflas®

~special compounds available on request only

D1	D2		D7	L1
0.500"	1.000"	25.40	25.60	11.18
0.625"	1.250"	31.75	31.95	10.30
0.750"	1.375"	34.93	35.12	10.30
0.875"	1.500"	38.10	38.30	10.30
1.000"	1.625"	41.28	41.48	11.15
1.125"	1.750"	44.45	44.65	11.15
1.250"	1.875"	47.63	47.83	11.15
1.375"	2.000"	50.80	51.00	11.15
1.500"	2.125"	53.98	54.18	11.15
1.625"	2.375"	60.33	60.53	12.75
1.750"	2.500"	63.50	63.70	12.75
1.875"	2.625"	66.68	66.88	12.75
2.000"	2.750"	69.85	70.05	12.75
2.125"	3.000"	76.20	76.40	14.33
2.250"	3.125"	79.38	79.58	14.33
2.375"	3.250"	82.55	82.75	14.33
2.500"	3.375"	85.73	85.93	14.33
2.625"	3.375"	85.73	85.93	15.93
2.750"	3.500"	88.90	89.10	15.93
2.875"	3.750"	95.25	95.45	15.93
3.000"	3.875"	98.43	98.63	15.93
3.125"	4.000"	101.60	101.80	19.84
3.250"	4.125"	104.78	104.98	19.84
3.375"	4.250"	107.95	108.15	19.84
3.500"	4.375"	111.13	111.33	19.84
3.625"	4.500"	114.30	114.50	19.84
3.750"	4.625"	117.48	117.68	19.84
3.875"	4.750"	120.65	120.85	19.84
4.000"	4.875"	123.83	124.03	19.84

D1	D2	D7		L1
0.500"	25.25	1.000"	25.40	11.1
0.625"	28.43	1.125"	28.58	11.1
0.750"	31.60	1.250"	31.75	11.1
0.875"	34.78	1.375"	34.93	11.1
1.000"	37.95	1.500"	38.10	12.7
1.125"	41.13	1.625"	41.28	12.7
1.250"	47.48	1.875"	47.63	12.7
1.375"	50.65	2.000"	50.80	12.7
1.500"	53.83	2.125"	53.98	12.7
1.625"	57.00	2.250"	57.15	12.7
1.750"	60.18	2.375"	60.33	12.7
1.875"	63.35	2.500"	63.50	12.7
2.000"	66.53	2.625"	66.68	12.7
2.125"	69.70	2.750"	69.85	14.3
2.250"	72.88	2.875"	73.03	14.3
2.375"	76.05	3.000"	76.20	14.3
2.500"	79.23	3.125"	79.38	14.3
2.625"	82.40	3.250"	82.55	15.9
2.750"	85.58	3.375"	85.73	15.9
2.875"	88.75	3.500"	88.90	15.9
3.000"	91.93	3.625"	92.08	15.9
3.125"	95.10	3.750"	95.25	15.9
3.250"	98.28	3.875"	98.43	15.9
3.375"	101.45	4.000"	101.60	15.9
3.500"	104.63	4.125"	104.78	15.9
3.625"	107.80	4.250"	107.95	17.5
3.750"	114.15	4.500"	114.30	17.5
3.875"	117.33	4.625"	117.48	17.5
4.000"	120.50	4.750"	120.65	17.5

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