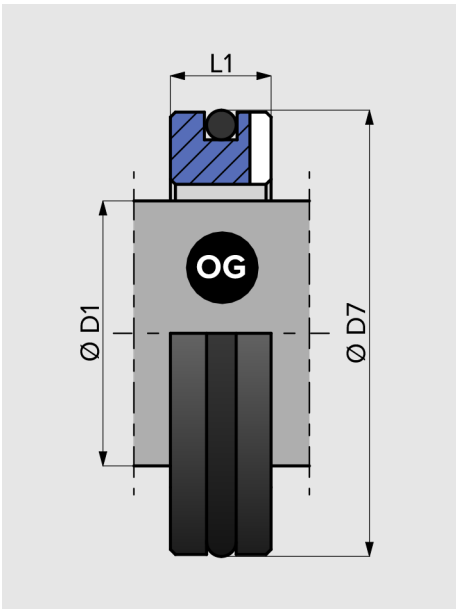
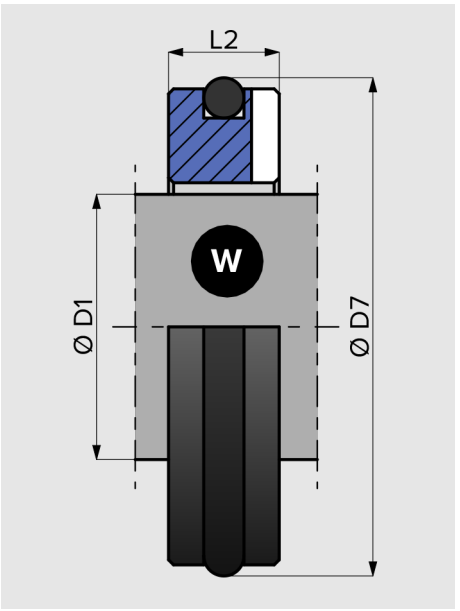
OG / W SEAT

'IMPERIAL HOUSINGS - O-RING MOUNTED'
SPECIFICATION SHEET







▶ Imperial Housing Sizes

▶ 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 the OG and W seats, the o-ring is centrally contained within the seat section. 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.

▶ OG Seat

OG Seats suit imperial housing dimensions for the US market. It is commonly offered in higher-duty seals designed by US manufacturers e.g. Type 8-1 (H8U) and Type 8B1 (H8B). It is fully interchangeable with CM Seats

Equivalent: John Crane® OG, U.S. Seal® Type 3

▶ W Seat

W Seats suit imperial housing dimensions for the UK / European market.

Equivalent: John Crane® W

▶ Material Availability

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

~special compounds available on request only

D1	D7		L1
0.375”	0.875”	22.23	8.0
0.500”	1.000”	25.40	8.0
0.625”	1.250”	31.75	10.3
0.750”	1.375”	34.93	10.3
0.875”	1.500”	38.10	10.3
1.000”	1.625”	41.28	11.0
1.125”	1.750”	44.45	11.0
1.250”	1.875”	47.63	11.0
1.375”	2.000”	50.80	11.0
1.500”	2.125”	53.98	11.0
1.625”	2.375”	60.33	12.7
1.750”	2.500”	63.50	12.7
1.875”	2.625”	66.68	12.7
2.000”	2.750”	69.85	12.7
2.125”	3.000”	76.20	14.3
2.250”	3.125”	79.38	14.3
2.375”	3.250”	82.55	14.3
2.500”	3.375”	85.73	14.3
2.625”	3.375”	85.73	16.0
2.750”	3.500”	88.90	16.0
2.875”	3.750”	95.25	16.0
3.000”	3.875”	98.43	16.0
3.125”	4.000”	101.60	19.8
3.250”	4.125”	104.78	19.8
3.375”	4.250”	107.95	19.8
3.500”	4.375”	111.13	19.8
3.625”	4.500”	114.30	19.8
3.750”	4.625”	117.48	19.8
3.875”	4.750”	120.65	19.8
4.000”	4.875”	123.83	19.8
4.125”	5.125”	130.18	19.8
4.250”	5.250”	133.35	19.8
4.375”	5.375”	136.53	19.8
4.500”	5.500”	139.70	19.8
4.625”	5.625”	142.88	19.8
4.750”	5.750”	146.05	19.8
4.875”	5.875”	149.23	19.8
5.000”	6.000”	152.40	19.8
5.250”	6.250”	158.75	19.8
5.500”	6.500”	165.10	19.8
5.750”	6.750”	171.45	19.8
6.000”	7.000”	177.80	19.8
6.250”	7.250”	184.15	19.8

D1	D7		L2
0.375”	31/32”	24.60	8.7
0.500”	1 3/32”	27.80	8.7
0.625”	1 7/32”	30.95	10.3
0.750”	1 11/32”	34.15	10.3
0.875”	1 15/32”	37.30	10.3
1.000”	1 19/32”	40.50	10.3
1.125”	1.875”	47.65	11.9
1.250”	2.000”	50.80	11.9
1.375”	2.125”	54.00	11.9
1.500”	2.250”	57.15	11.9
1.625”	2.375”	60.35	11.9
1.750”	2.500”	63.50	11.9
1.875”	2.625”	66.70	11.9
2.000”	2.750”	69.85	13.5
2.125”	2.875”	73.05	13.5
2.250”	3.000”	76.20	13.5
2.375”	3.125”	79.40	13.5
2.500”	3.250”	82.55	13.5
2.625”	3.625”	92.10	15.9
2.750”	3.750”	95.25	15.9
2.875”	3.875”	98.45	15.9
3.000”	4.000”	101.60	15.9
3.125”	4.375”	111.15	19.8
3.250”	4.500”	114.30	19.8
3.375”	4.625”	117.50	19.8
3.500”	4.750”	120.65	19.8
3.625”	4.875”	123.85	19.8
3.750”	5.000”	127.00	19.8
3.875”	5.125”	130.20	19.8
4.000”	5.250”	133.35	19.8

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