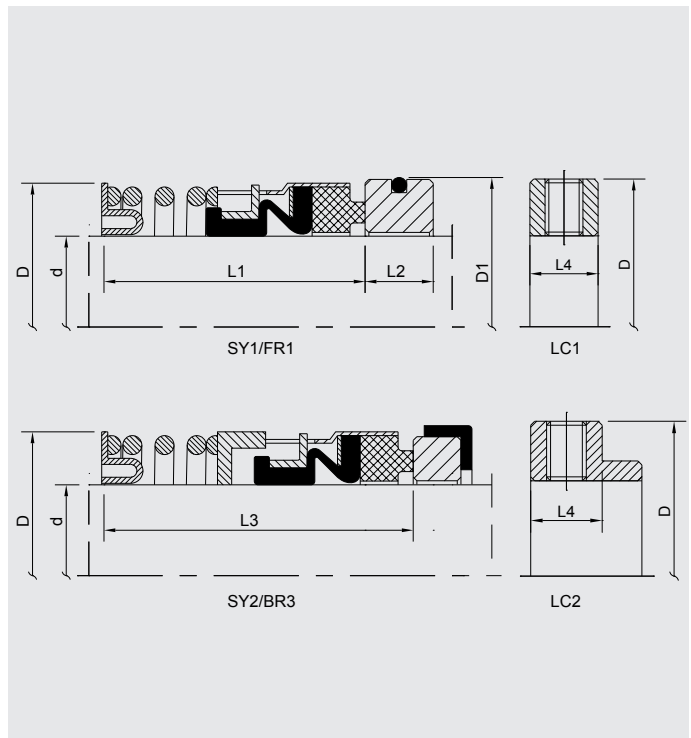


Sydney

Elastomer bellows seals



Technical features

- Single spring
- Unbalanced
- Bi-directional
- Elastomer bellows

Operating limits

P = 290 PSI
 T = -95 to 320 °F
 V = 65 ft/s

Description	Materials
Primary rings	silicon carbide, carbon graphite, tungsten carbide
Mating rings	silicon carbide, ceramic, tungsten carbide
Secondary seals	NBR, EPDM, Viton
Metal parts	Stainless 304 / Stainless 316*

* upon request

Available products:

- Sydney 1 (SY1)
- Sydney 2 (SY2)

Mating rings

- For SY1: FR1 (standard), BR2
 - For SY2: BR3 (standard), BR1, BR2
 - LC1 - LC2: Lock Collar (Stainless 304 / Stainless 316*)
- For more details on mating rings see page 29

			SY1	SY2	FR1		LC1 - LC2
d (inc)	d (mm)	D	L1	L3	D1	L2	L4
.625	14-16	1.093	1.312	1.719	1.250	.406	.312
.750	18	1.218	1.312	1.719	1.375	.406	.312
.875	20-22	1.343	1.375	1.719	1.500	.406	.312
1.000	24-25	1.500	1.562	1.719	1.625	.437	.375
1.125	28	1.625	1.625	2.375	1.750	.437	.375
1.250	30-32	1.812	1.625	2.375	1.875	.437	.375
1.375	33-35	1.875	1.687	2.375	2.000	.437	.375
1.500	38	2.000	1.687	2.375	2.125	.437	.375
1.625	40	2.250	2.000	2.375	2.375	.500	.375
1.750	43-45	2.375	2.000	2.781	2.500	.500	.375
1.875	48	2.500	2.125	2.781	2.625	.500	.375
2.000	50	2.625	2.125	2.781	2.750	.500	.375
2.125	53	2.812	2.375	2.795	3.000	.562	.375
2.250	55	2.937	2.375	2.795	3.125	.562	.500
2.375	60	3.062	2.500	2.795	3.250	.562	.500
2.500	63	3.187	2.500	2.795	3.375	.562	.500
2.625	65	3.375	2.750	2.750	3.375	.625	.500
2.750	70	3.500	2.750	2.750	3.500	.625	.500
2.875	73	3.625	2.875	2.875	3.750	.625	.500
3.000	75	3.750	2.875	2.875	3.875	.625	.500