



**sterling range**

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**single spring**

**mechanical seal range**

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first4seals plc, mount street, bradford, west yorkshire. bd3 9sn united kingdom

Tel: +44 (0) 1274 720775 Fax: +44 (0) 1274 729022

email: [seals@first4seals.com](mailto:seals@first4seals.com) - web: [www.first4seals.com](http://www.first4seals.com)

## TYPE 216, 217, 268 & 269 MECHANICAL SEALS

Type 216 & 217 are rubber bellows seals suitable for low pressure general duty applications on small diameter UK and USA shafts respectively.

Types 268 & 269 are coolant pump seals for use on small diameter European and USA shafts.

### TYPES 216/217



### TYPES 268/269



### Service Capability

- Maximum Speed – 10m/sec\*
- Maximum Pressure – 7 bar
- Temperature – -40°C to +200°C
- Media – Dependant on materials

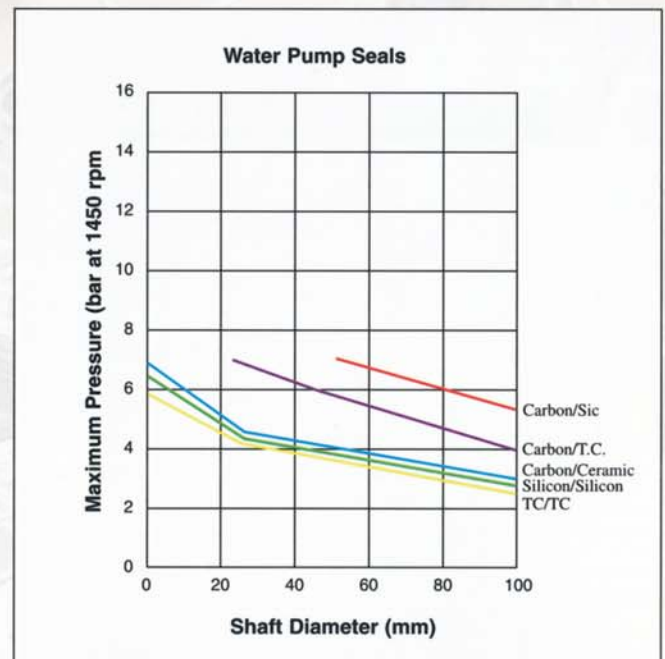
\* See P.V. Curves for maximum speed/pressure combination

#### NOTE

P.V. Curves for water at 20°C

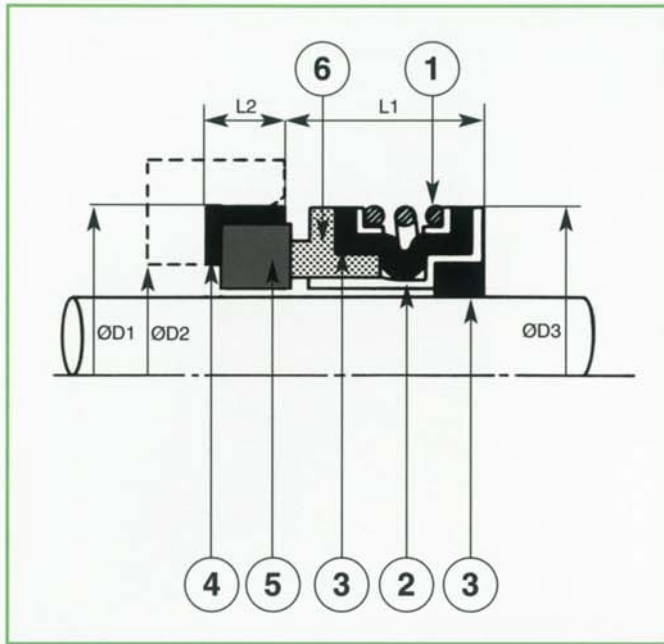
### Materials

- Rotary Face (6) – Carbon
- Stationary Face (5) – Ceramic
- Spring (1) – 304 Stainless Steel
- Metal Parts (2) – 304 Stainless Steel
- Elastomers (3,4) – Nitrile, EP, Viton

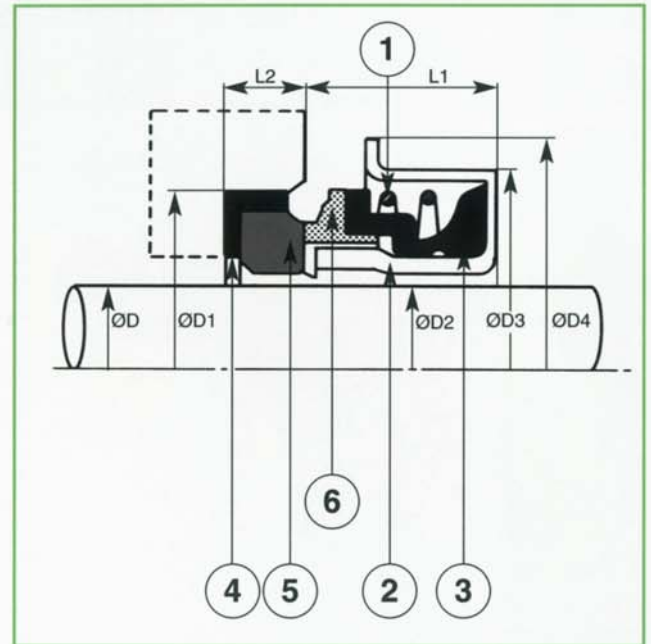


**OTHER MATERIALS AVAILABLE TO SPECIAL ORDER**

## SEAL TYPE 216/217



## SEAL TYPE 268/269



### TYPE 216

Shaft Size D	Size Code	D1	D2	D3	L1	L2
0.375	0095	22.22	14.30	23.80	16.02	6.20
0.500	0127	25.40	17.45	26.97	16.60	6.20
0.625	0158	31.75	20.63	30.94	18.71	10.29
0.750	0191	34.93	23.80	34.11	18.71	10.29
1.000	0254	41.28	30.15	42.85	20.63	11.10

### TYPE 217

Shaft Size D	Size Code	D1	D2	D3	L1	L2
0.375	0095	25.40	14.30	26.97	16.66	7.92
0.500	0127	25.40	17.45	26.97	16.66	7.92
0.625	0158	31.75	20.63	30.94	18.24	10.31
0.750	0191	34.93	23.80	34.11	18.24	10.31
1.000	0254	41.28	30.15	42.85	20.62	11.10

### TYPE 268

Shaft Dia. (Max)	Size Code	D1	D2	D3	D4	L1	L2
13	0127	25.00	14.20	28.55	31.70	13.20	5.00
17	0158	31.00	18.20	36.45	41.30	14.80	5.00
20	0191	35.00	21.40	40.00	43.70	15.50	5.00
30	0286	48.00	31.00	52.00	57.00	19.00	8.00

### TYPE 269

Shaft Size D	Size Code	D1	D2	D3	D4	L1	L2
0.500	0127	25.40	14.20	28.55	31.70	13.79	7.93
0.625	0158	31.75	18.20	36.45	41.30	15.36	10.31
0.750	0191	34.93	21.40	40.00	43.70	15.36	10.31