



sterling range

www.first4seals.com



single spring

mechanical seal range

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TYPE SR3 MECHANICAL SEALS

Type SR3 seals are part of a family of 'O' Ring mounted mechanical seals and are interchangeable with many other makes. Rotary and stationary faces are interchangeable and easily replaceable.



Benefits

- Self adjusting – 'O' Ring slides along shaft to allow for wear
- Non clogging – Due to open single spring design
- Simple Fitting – Just push onto shaft
- Robust – Due to simple construction

Service Capability

- Maximum Speed – 20 m/sec*
- Maximum Pressure – 10 bar*
- Temperature – -40° to 200°C
- Media – Dependant on materials

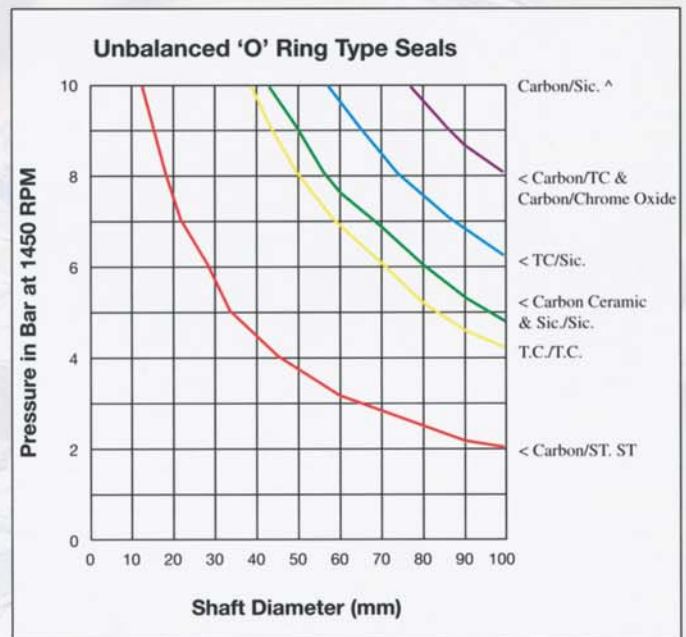
* See P.V. Curves for maximum speed/pressure combination

NOTE

P.V. Curves for water at 20°C

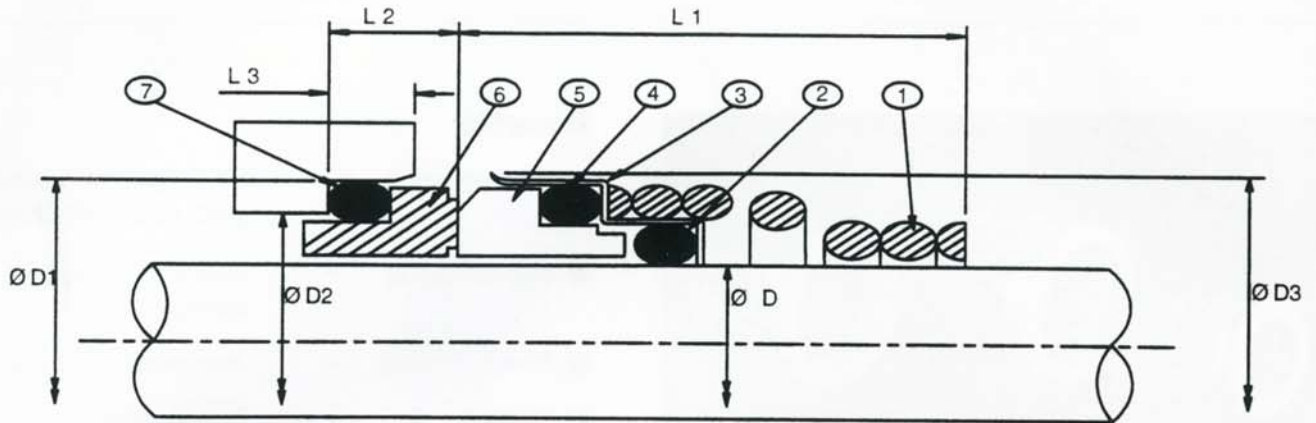
Materials

- Rotary Face (5) – Ceramic reaction bonded Silicon Carbide, Cobalt or Nickel bonded Tungsten Carbide
- Stationary Face (6) – Carbon reaction bonded Silicon Carbide, Cobalt or Nickel bonded Tungsten Carbide.
- Spring (1) – 304 Stainless Steel
- Metal Parts (3) – 316 Stainless Steel
- Elastomers (2, 4, 7) – Nitrile, Viton, E.P., F.E.P. encapsulated



OTHER MATERIALS AVAILABLE TO SPECIAL ORDER

SEAL TYPE SR3



Ø D METRIC	SIZE CODE	D1 mm	D2 mm	D3 mm	L1 mm	L2 mm	L3 mm
10	0100	18.1	14.0	19.5	15.0	5.5	4.0
11	0110	20.6	16.5	22.0	18.0	5.5	4.0
12	0120	20.6	16.5	22.0	18.0	5.5	4.0
13	0130	23.1	19.0	24.0	22.0	6.0	4.0
14	0140	23.1	19.0	24.0	22.0	6.0	4.0
15	0150	26.9	21.0	26.0	22.0	7.0	5.0
16	0160	26.9	21.0	26.0	23.0	7.0	5.0
17	0170	26.9	21.0	26.0	23.0	8.0	5.0
18	0180	30.9	25.0	32.0	24.0	8.0	5.0
19	0190	30.9	25.0	32.7	25.0	8.0	5.0
20	0200	30.9	25.0	32.7	25.0	8.0	5.0
21	0210	35.4	30.0	36.0	25.0	8.0	5.5
22	0220	35.4	30.0	36.0	25.0	8.0	5.5
23	0230	35.4	30.0	36.0	27.0	8.0	5.5
24	0240	35.4	30.0	37.5	27.0	8.0	5.5
25	0250	38.2	33.0	38.0	27.0	8.5	5.5
28	0280	43.3	38.0	42.0	29.0	9.0	5.5
29	0290	43.3	38.0	44.0	30.0	9.0	5.5
30	0300	43.3	38.0	44.0	30.0	9.0	5.5
32	0320	43.3	38.0	45.5	30.0	9.0	5.5
33	0330	53.5	45.0	46.5	39.0	11.5	7.5
35	0350	53.5	45.0	49.0	39.0	11.5	7.5
38	0380	60.5	52.0	56.0	39.0	11.5	7.5
40	0400	60.5	52.0	58.0	39.0	11.5	7.5