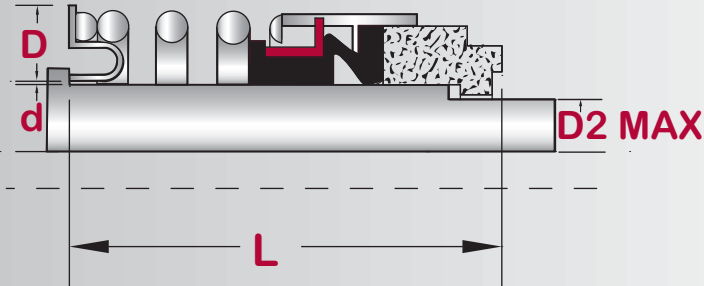


A1B

Single Spring Seal for High Pressure



d(in)	D2	D	L
1.000	0.875	1.500	1.875
1.125	1.000	1.625	1.937
1.250	1.125	1.812	1.937
1.375	1.250	1.875	2.000
1.500	1.375	2.000	2.000
1.625	1.500	2.250	2.375
1.750	1.625	2.375	2.375
1.875	1.750	2.500	2.500
2.000	1.875	2.625	2.500
2.125	2.000	2.812	2.750
2.250	2.125	2.937	2.750
2.375	2.250	3.062	2.875
2.500	2.375	3.187	2.875
2.625	2.500	3.375	3.125
2.750	2.625	3.500	3.125
2.875	2.750	3.625	3.250
3.000	2.875	3.750	3.250
3.125	2.875	4.000	3.500
3.250	3.000	4.125	3.500
3.375	3.125	4.250	3.500
3.500	3.250	4.375	3.500
3.625	3.375	4.500	3.625
3.750	3.500	4.625	3.625
3.875	3.750	4.750	3.750
4.000	3.750	4.875	3.750

NOTE: Seats vary for balanced seals. Commonly, they are 0.125" or 0.250" smaller in shaft size.



Features and Benefits:

- Balanced face designs allow for higher pump pressures
- Machined head available to withstand more rigorous conditions
- Antimony Impregnated carbon faces improve durability and heat dissipation
- Bellows design enhances alignment capabilities and helps compensate for face wear
- Bi-directional
- Torque of pump shaft drives through machined drive band and notches
- Rugged single spring minimizes clogging in stuffing box
- Multiple face and elastomer choices

Standard Materials of Construction:

- **Balanced Faces:**
 - Antimony-Impregnated Carbon, Silicon Carbide, Tungsten Carbide
- **Elastomers:**
 - Buna, Viton®, Aflas®, Neoprene, EPDM
- **Metallurgy:**
 - 304, 316, Monel

Operating Limits:

- Pressure: Up to 1200 psi / 82 Bar g
- Temperature: -40°F to +400°F. / -40°C to 204°C.

Apex
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