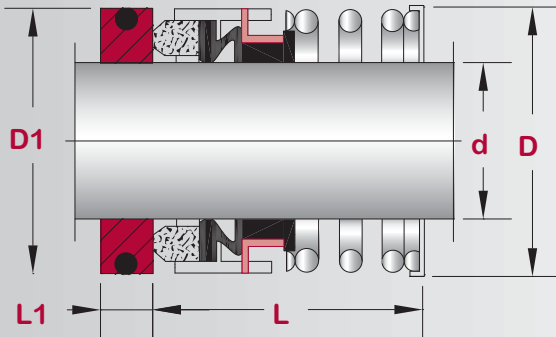


A1M

Type 1 Single Spring Bellows Seal with Machined Head



d(in)	D	L	D1	L1
0.500	0.937	1.187	1.000	0.312
0.625	1.093	1.312	1.250	0.406
0.750	1.218	1.312	1.375	0.406
0.875	1.343	1.375	1.500	0.406
1.000	1.500	1.562	1.625	0.437
1.125	1.625	1.625	1.750	0.437
1.250	1.812	1.625	1.875	0.437
1.375	1.875	1.687	2.000	0.437
1.500	2.000	1.687	2.125	0.437
1.625	2.250	2.000	2.375	0.500
1.750	2.375	2.000	2.500	0.500
1.875	2.500	2.125	2.625	0.500
2.000	2.625	2.125	2.750	0.500
2.125	2.812	2.375	3.000	0.562
2.250	2.937	2.375	3.125	0.562
2.375	3.062	2.500	3.250	0.562
2.500	3.187	2.500	3.375	0.562
2.625	3.375	2.750	3.375	0.625
2.750	3.500	2.750	3.500	0.625
2.875	3.625	2.875	3.750	0.625
3.000	3.750	2.875	3.875	0.625
3.125	4.000	3.125	4.000	0.781
3.250	4.125	3.125	4.125	0.781
3.375	4.250	3.125	4.250	0.781
3.500	4.375	3.125	4.375	0.781
3.625	4.500	3.250	4.500	0.781
3.750	4.625	3.250	4.625	0.781
3.875	4.750	3.375	4.750	0.781
4.000	4.875	3.375	4.875	0.781

Features and Benefits:

- Machined head is standard to withstand more rigorous conditions
- 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
- 316 SS Standard Material to withstand wider variety of aggressive fluids
- Multiple face and elastomer choices
- All styles of set screw lock collars available to improve setting and drive reliability
- Aflas bellows available for all sizes

Standard Materials of Construction:

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

Operating Limits:

- Pressure: to 200 PSI, 13.8 Bar
- Temperature: -40°F to +400°F, -40°C to +204°C

SINGLE SPRING SHAFT SEALS

Apex
sealing,inc.

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