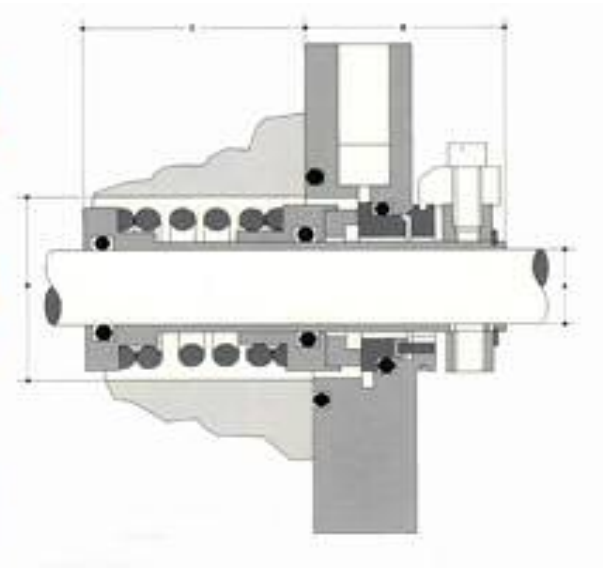
ASP-1100 Seal – Elastomer Bellows Cartridge Seal



A		B	C	D
Seal Size	Seal Code	Min. Stuffing Box Bore	Min. Inboard	Min. Outboard
1″	016	1.750	1.375	1.437
1-1/8″	018	1.750	1.437	
1-1/4″	020	2.093	1.562	
1-3/8″	022	2.093	1.625	
1-1/2″	024	2.250	1.687	
1-5/8″	026	2.375	1.750	
1-3/4″	028	2.500	1.812	
1-7/8″	030	2.687	1.875	
2″	032	2.812	2.000	
2-1/8″	034	2.937	2.000	
2-1/4″	036	3.125	2.125	
2-3/8″	038	3.250	2.125	
2-1/2″	040	3.375	2.250	
2-5/8″	042	3.500	2.250	1.437
2-3/4″	044	3.625	2.437	1.687
2-7/8″	046	3.750	2.500	1.687
3″	048	3.875	2.500	1.687

MATERIAL SPECIFICATIONS:

STANDARD
- Metal Components—316 Stainless Steel
- O'Rings—Viton
- Faces—Chemical Grade Carbon
- Seat—Ceramic or Silicon Carbide
- Springs—316 Stainless Steel

OPTIONAL—Materials available upon request

PRESSURE RATING:

Vacuum to 200 PSI[2]
Speeds to 3600 RPM

TEMPERATURE RATING:

−40°F to +550°F
(depending on elastomer selection)

TO FIND SHAFT ROTATION

Look into stuffing box from coupling end—if shaft is rotating clockwise, a RI seal (right hand wound spring) is required/counter clockwise, a LI seal (left hand wound spring) is required.

The ASP-1100 is a tried and proven design used in industry for over 50 years. By utilizing the ASP-Type 1 Rotary, the cost is kept low. By capturing the durable ASP-Type 1 into a cartridge, installation errors have nearly been eliminated. No measuring required. Slide it on and bolt it in and your seal is installed. The large single spring is difficult to clog, making it a common seal in waste water treatment plants. Because it's a common design seal repairs are easy.

In simple water applications carbon vs. ceramic seats can last 20 years. If the application is abrasive we recommend Tungsten or Silicon hard faces.

A simple design, and readily available components, leave your pump simply sealed !