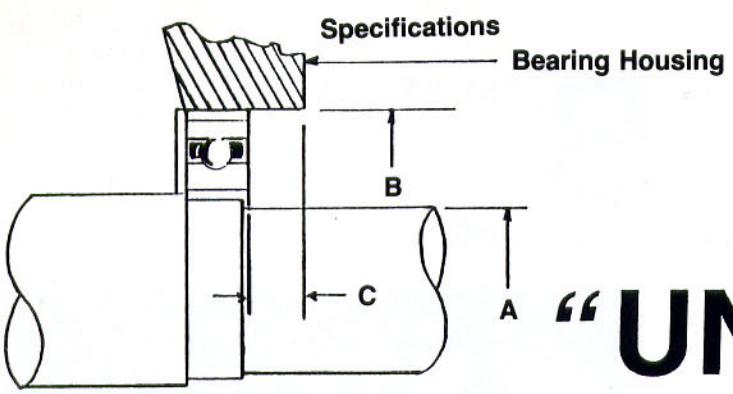
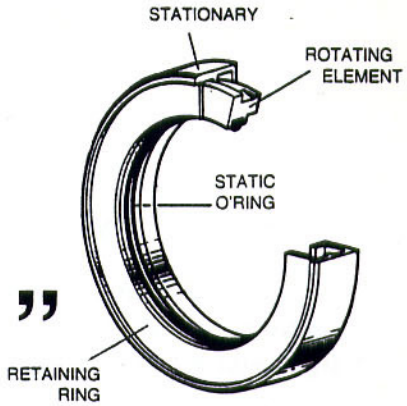


"UNILAB™"



STANDARD DIMENSIONS IN INCHES

Seal Size	Shaft Dia A ±.002	Bore Dia Min B ±.001	Bore Dia Max B_1 ±.001	Cavity Depth C Min ±.010	Cavity Depth C Max ±.010
–10	.624	1.250	1.375	.250	.500
–12	.749	1.500	1.750	.250	.500
–14	.874	1.250	1.625	.250	.500
–16	.999	1.750	2.000	.250	.500
–18	1.124	2.000	2.125	.250	.500
–20	1.249	2.000	2.250	.250	.500
–22	1.374	1.875	2.437	.250	.500
–24	1.499	2.250	2.500	.250	.500
–26	1.624	2.375	2.625	.250	.500
–28	1.749	2.500	2.875	.250	.500
–30	1.874	2.625	2.875	.250	.500
–32	1.999	2.750	3.000	.250	.500
–34	2.124	2.875	3.125	.250	.500
–36	2.249	3.000	3.250	.250	.500
–38	2.374	3.125	3.375	.250	.500
–40	2.499	3.250	3.500	.250	.500
–42	2.624	3.375	3.687	.250	.500
–44	2.749	3.500	3.750	.250	.500
–46	2.874	3.625	3.875	.250	.500
–48	2.999	3.750	4.000	.250	.500
–50	3.125	3.875	4.125	.250	.500
–52	3.250	4.000	4.250	.250	.500
–54	3.375	4.125	4.375	.250	.500
–56	3.500	4.250	4.500	.250	.500
–58	3.625	4.375	4.625	.250	.500
–60	3.750	4.500	4.750		
–62	3.875	4.625	4.875		
–64	4.000	4.750	5.000		
–66	4.125	5.125	5.375		
–68	4.250	5.250	5.500		
–70	4.375	5.375	5.625		
–72	4.500	5.500	5.750		
–74	4.625	5.625	5.875		
–76	4.750	5.750	6.000		
–78	4.875	5.875	6.125		
–80	5.000	6.000	6.250		

DIMENSIONAL BORE INFORMATION IS STANDARD.
SMALLER OR LARGER BORE DIMENSIONS ARE AVAILABLE.
LARGER SHAFT SIZES AVAILABLE ON REQUEST.

U.S. PATENT NO.
4484754
4576383
4685684

"UNILAB™"

TOTAL PROTECTION FOR YOUR BEARING

A non-contact, centrifugal motion-bearing seal that is easy to install as a lipseal and fits in the same place.

CARTRIDGE DESIGN:

One step installation
No secondary member to install
Unitized non-contact complete bearing protection package.

APPLICATIONS:

Centrifugal pumps, electric motors, gear boxes, pillow blocks etc.
And horizontal rotating equipment of all types.

ENGINEERING DATA:

A). UNI-LAB seals are engineered standard in short axial length. .500 (1/2)" over-all length. Shorter lengths available. Flush mounted standard.

B). UNI-LABS are engineered as non-contact centrifugal motion bearing seals. No shaft fretting or sleeve wear.

C). UNI-LAB is engineered with I.D. static o'ring.

D). UNI-LAB is engineered to directly replace lipseals and complicated labyrinth seals in horizontal applications.

E). UNI-LAB is engineered and designed with a contaminate trapping groove inside the main body. As contaminates approach the bearing housing, the contaminate is repelled or trapped and expelled.

F). Design features are such that the UNI-LAB is adaptable to almost any bearing houseing without any modifications.

G). 660 bearing bronze is the standard material of the UNI-LAB. Other materials are available on request, for greater resistance to chemicals of corrosive elements.

H). UNI-LAB is designed to withstand axial runouts and are designed with .040 axial and radial clearances standard .080 radial clearances available.

FOR COMPLETE UNI-LAB PROTECTION THAT BRINGS BEARING TO THE B-10 OR L-10 RATING.