



Berliss Companies, established in 1932, is a fourth generation, family owned business that specializes in the manufacturing and supply of a complete line of mechanical seals, roller bearings, ball bearings, and custom bearings.

Berliss is a proud manufacturer of high quality, cost effective mechanical pump seals for a wide range of applications such as pool and spa pumps, centrifugal pumps and well point pumps. We also provide multi-spring seals, along with a variety of gasket and packing materials to meet all of your sealing needs. Our mechanical seals are durable, long lasting, reduce maintenance costs and are manufactured utilizing the highest quality materials available in the marketplace.

Berliss stocks a complete line of drop-in replacement mechanical seals ranging in shaft sizes from 3/8" to 4". We also offer a selection of seal head and stationary seats in various dimensions and custom materials.



The materials of mechanical pump seal construction offered by Berliss include, but are not limited to:

- Buna, Viton, EPR and Neoprene Elastomers for all rubber components.
- Silicon Carbide, Tungsten Carbide, Ceramic and Ni-Resist stationary seats for O-Ring, Cup and other styles.
- Carbon, Silicon Carbide, and Tungsten Carbide hard-face materials.
- Stainless steel is standard for all metal components including rotary and spring. Other alloys are available upon request.

Berliss companies is able to combine innovative technology with industry standards and customer requirements to provide custom parts for a wide range of applications. Shafts, impellers and shaft sleeves are just some of the pump components that can be made to your exact specifications.

At Berliss Companies, we are more than delighted to have the knowledge and experience to provide you with the customer service of a small business while possessing the capabilities of a large corporation. At Berliss, we understand that manufacturing premium products that are available from stock at world competitive pricing is what our customers have come to expect from us.



TYPE 1



TYPE 2



TYPE 21



TYPE 6



TYPE 6A

TYPE	MATERIALS			SEAT TYPE	SHAFT DIAMETERS					
	ROTATING FACE	SATIONARY SEAT	ELASTOMER		1/2	5/8	3/4	7/8	1	1 1/8
1	C, S, T	R, N, S, T	B, V, E	O, P	1/2	5/8	3/4	7/8	1	1 1/8
					1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8
					2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8
					2 3/4	2 7/8	3	3 1/4	3 1/2	3 3/4
2	C, S, T	R, N, S, T	B, V, E	O, P	1/2	5/8	3/4	7/8	1	1 1/8
					1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8
					2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8
					2 3/4	2 7/8	3	3 1/4	3 1/2	3 3/4
21	C, S, T	R, N, S, T	B, V, E	O, P	1/2	5/8	3/4	7/8	1	1 1/8
					1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8
					2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8
					2 3/4	2 7/8	3	3 1/4	3 1/2	3 3/4
6	C, S, T	R, N, S, T	B, V, E	O, P	1/2	5/8	3/4	1		
6A	C, S, T	R, N, S, T	B, V, E	O, P	1/2	5/8	3/4	1		

C = Carbon **R** = Ceramic **B** = Buna **O** = O-Ring
S = Silicon **N** = Ni-resist **V** = Viton **P** = Cup
T = Tungsten **L** = Stainless **E** = EPR

All metal parts are stainless steel.

INDUSTRY CROSS-REFERENCE

Berliss	Type	1	2	21	6	6A
Letter	Type	E	D	C	A	B
Number	Type	51	52	21	16	68

Certain types of seals can be customized to meet special applications.



Berliss Companies

644 Route 10 · P.O. Box 45 · Livingston, NJ 07039

Phone: (973) 992-4242 · Fax: (973) 992-6669 · www.berliss.com