



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. 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 are available for all rubber components.
- Silicon Carbide, Tungsten Carbide, Ceramic and Ni-resist are some of the standard materials available for O-Ring, Cup and other stationary seats.
- 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.

TYPICAL POOL & SPA APPLICATIONS

SCS SILICON CARBIDE SEALS : Viton® / Silicon Carbide

- For your most demanding applications, order Silicon Carbide Seals
- Superior abrasion, corrosion and chemical resistance
- Best choice for salt generators or ozonators

OZONE / SALT SERVICE SEALS

- Use for applications involving salt chlorine generators or ozonators
- These applications require various materials including Viton Elastomers, 304/316 Stainless Steel and hard face materials
- Request BSP - 3864, 3865, 3866, 3867, 3868, 3869, 3986 & 4280

BUNA / CARBON SEALS : Buna Carbon

- Recommended for Spa applications
- Includes BSP - 952, 961, 3960, 3985, 4265, 4267, 4275 & 7497

PREMIUM SEALS : Buna / Carbon

- Industry standard for general pool applications
- Includes BSP - 100, 200, 201, 360, 501, 601, 1000 & 2131
- **NOT RECOMMENDED** for spas, ozonators or salt chlorine generators



MECHANICAL SEALS

Berliss manufactures high quality, cost effective, single spring mechanical seals. We offer and stock a wide variety of industry standard sizes for all of your needs. 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.

Shaft Size	General Pool App.	Spa App.	Salt Water	SCS Silicon Carbide
		Buna/Carbon Seals	Viton	
5/8"	BSP - 100	BSP - 4267	BSP - 3866	
5/8"	BSP - 200	BSP - 3960	BSP - 3867	
3/4"	BSP - 201	BSP - 4265	BSP - 3868	BSP - 1908 (BSP - 201V SC/SC)
5/8"	BSP - 501	BSP - 952	BSP - 3864	
3/4"	BSP - 601	BSP - 3985	BSP - 3986	
5/8"	BSP - 1000	BSP - 961	BSP - 3865	
5/8"	BSP - 2131	BSP - 4275	BSP - 3869	
1/2"	BSP - 163		BSP - 163V	
7/8"	BSP - 309	BSP - 309	BSP - 309V*	BSP - 3941 (BSP - 309V SC/SC)
1/2"	BSP - 142		BSP - 142V	
1-1/4"	BSP - 416A	BSP - 416A	BSP - 4104	
1-1/4"	BSP - 978	BSP - 978		
1-5/8"	BSP - 514		BSP - 7497V	
5/8"		BSP - 851	BSP - 201V*	
3/4"	BSP - 877			
1"	BSP - 235			
1"	BSP - 360			BSP - 1909 (BSP - 360V SC/SC)
1-1/4"	BSP - 185	BSP - 185	BSP - 185V*	BSP - 185V SC/SC
1-3/4"	BSP - 446	BSP - 446	BSP - 446V*	BSP - 448 (BSP - 446V SC/SC)

BERLISS COMPANIES

is an Authorized Distributor of KBC Bearings. Berliss stocks KBC's complete line of 6000, 6200 and 6300 series deep groove ball bearings in varying configurations with a maximum inner diameter of 90mm. All KBC deep groove ball bearings are manufactured to ABEC-1 standards with a C-3 clearance utilizing polymer grease typically occupying 30% of the internal space of the bearing. KBC bearings are also manufactured to electric motor quality (EMQ) standards that meet strict noise and vibration specifications. KBC Bearings are available from stock in single shielded (Z), double shielded (ZZ), single sealed (D), double sealed (DD) or open. All KBC deep groove ball bearings are manufactured with contact seals, although non-contact seals are also available. All bearings are available individually boxed, roll packaged or bulk packed in heavy duty corrugated cartons.



Berliss Companies

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