

Mechanical Seals



Sometimes a job calls for a simple seal. Other times, a more robust seal is needed for an optimum life and enhanced durability. When used in high-pressure pump applications a mechanical rotary seal helps prevent leakage between a shaft and the housing. Other applications include agitators and mixers.

When searching for the right mechanical seal, it's important to consider shaft size and service limitations including: nominal shaft diameter; shaft speed; alternate shaft or "rubbing" speed; operating pressure; and operating temperature. For some mechanical seals, the direction of the shaft rotation is critically important.

Seals can be of balanced or unbalance construction. Balance seals can tolerate significant pressure. Unbalanced seals are made for situations where there is a higher tendency for misalignment or vibration.

With GBSA, deliveries are among the fastest in the industry. We supply long or short runs with tooling costs that are surprisingly low. We can even do rubber to metal bonding.

For additional information, see our website at GBSA.com or call our sales or engineering department at 800.837.427