

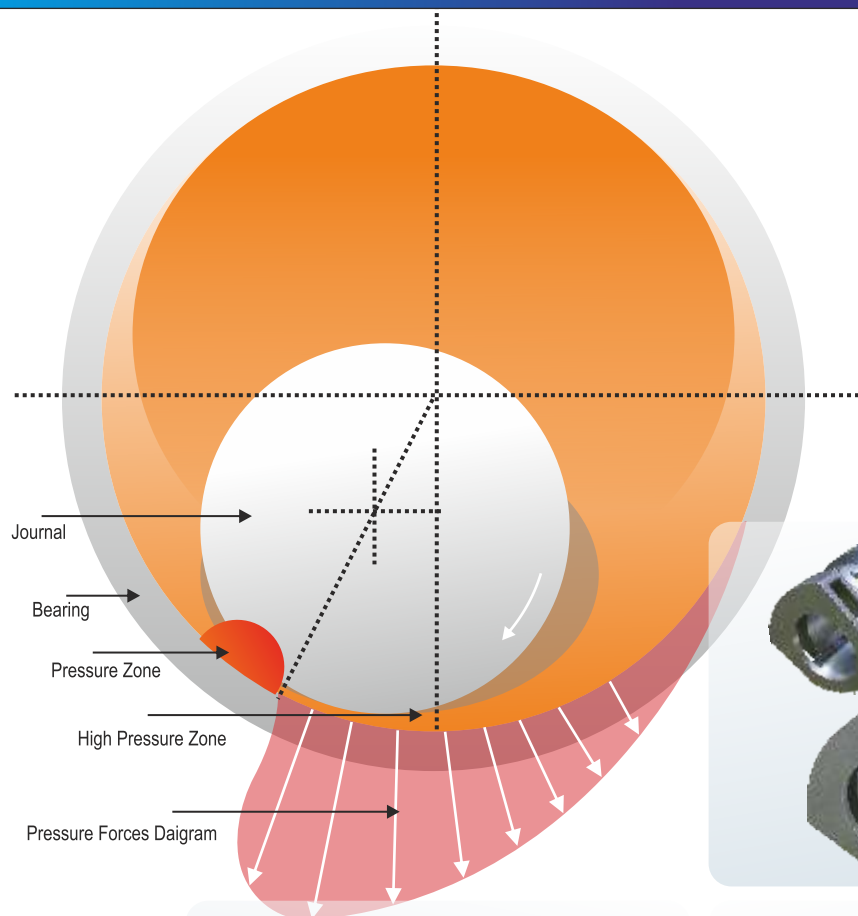


An ISO 9001: 2008 Certified Company

Reliable Engineering

excellence since 1974

Babbitt Bearings - A Swifter technology for rigid Machinery





Founded in the year 1974, Reliable Engineering has gained recognition as the leader in manufacture & repair of babbitt bearings and related components. Reliable Engineering is proud of the reputation we have earned in the power generation, steel, cement, pulp and paper mills and heavy industries. Reliable Engineering's success is due to our total commitment to provide competitive pricing, expedited turnaround time and stringent quality control to our customer base, certified with an ISO 9001: 2008 Quality System.

We produce precision OEM bearings for high speed rotating equipments. We also provide bearing repair and rebabbiting services to get your equipment back, up and running when you need it. For your precision machining needs, we offer a wide array of NC and CNC capabilities in our facility. Customers are the focal point at Reliable Engineering. Personal attention and excellent customer service are embedded in our culture.

Our Engineering Department along with their Customer Support and Service Departments provide a wide range of knowledge and capabilities for your problems. Unparalleled reliability and performance have kept our customers coming back since 1974.

Babbitt Bearings

As per the end application the Babbitt material is backed with Mild steel, Phosphor-Bronze, Gun Metal etc. Gun metal backed Babbitt bearings are our standard replacement part. Our shell backing is a SAE 40 Gun Metal. Gun Metal provides excellent bonding qualities for applying the Babbitt lining. Gun Metal is a perfect bearing material - tough enough to withstand the loads and demands of rotating equipment but forgiving enough to not ruin a crankshaft in the event of a failure. The Babbitt lining is applied at the optimal thickness to ensure the best fatigue resistance and ability to embed small particles of impurity from the oil.

Applications of Babbitt Bearings Manufactured by us

Our Bearings have given the best performance in terms of quality and durability and have been running smoothly in applications of **Oil & Gas Pumping systems, Petrochemical Pumps, Cryogenic Pumps, Sea Water Pumps, High Pressure Double case Pumps, Carbamate Feed Pumps, Process Pumps, Chemical Process Pumps, Sewage Pumps, Slurry Pumps.**

Aside from this; Babbitt bearings could also be used in Babbitt Liners, Blowers, Compressors, Excavating Equipment, Exciter Bearings, Fan Bearings, Fan Motor Bearings, Generator Bearings, Guide Bearings (3 Pc. Upper & Lower), Hydro Guide Bearings, Hydro Guide Shoes, Large Electric Motors, Mining Equipment, Motor Bearings, Oil Deflector Seals, Pinion Stand Bearings, Pump Bearings, Rolling Mills, Trunion Bearings, Tapered Land Thrust Plates, Tapered Land Thrust Shoes, Tilt Pad Bearings, Turbine Bearings, Wind Turbine Bearings.

Centrifugal Casting Process

By spinning a bearing at the calculated RPM and temperature, the molten Babbitt is poured under pressure. This centrifugal force provides the best bond and bearing integrity. Our automatic machines have a precise level of repeatability and accuracy. The result is an end product of high quality produced in a shorter time. The centrifugal casting process delivers a uniform, flaw-free casting which is excellent for all manner of rotating parts. We have more than 35 years experience in this industry.



Quality Control

It is our first priority to provide the best of the quality Babbitt Bearings to our customers. Babbitt bearings of all types are precision machined to meet or exceed the customer's expectations. Bearing shells are carefully examined for mechanical flaws and purified. Our Certified Technicians use ultrasonic testing and dye penetrant tests to guarantee babbitt-to-shell bonds.

Re-babbiting and Reconditioning of Bearings

We also re-condition any thick walled bearing to customer's specifications. Bearings, tilt pads, thrust pads, thrust shoes etc could all be reconditioned by us. When it comes to reconditioned bearings, nearly all crossheads and shoes are easily re-worked at a huge cost and time savings when compared with buying a new part. Our service professionals will cater to your problems. We take pride in our service capabilities for the refurbishing of worn parts. We realize that in most cases, there is a sense of urgency and we expedite the manufacturing process accordingly.

Our facilities offer full service capabilities for all your babbitt lined parts and general machining requirements.



TIN No:-29170008794. PAN No:-ABWPG8211A.



Reliable Engineering
excellence since 1974

■ 36/A, BEMCIL, Udyambag, Belgaum – 590 008.

■ Telephone : +91 831 2443388, +91 831 4202775

■ Mobile : +91 9448274399, +91 7204082713

■ Web Site : <http://www.reliableengineers.com/>

■ Email : support@reliableengineers.com, reliableengg.74@gmail.com