

Loyal bearings are designed for the cement industry

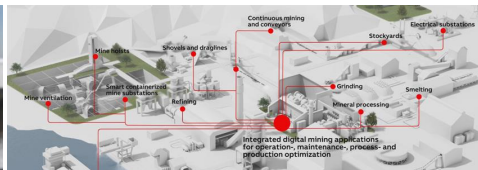
Research study by Loyal programs that the expenses connected with bearing replacement as an outcome of early failure due to contamination can be significant. In addition to the replacement expense of the bearing itself, and the time and effort associated with sourcing and physically changing it, there is the expense of unexpected plant and devices down time, and the unfavorable result on production schedules. In truth, if the real, 'all inclusive expenses' related to early bearing replacement are increased by the frequency of replacement over a prolonged period, then the expenses to a business can be rather shocking.

Rolling bearings are crucial elements in making sure connection of production in cement markets. If they stop working, entire production procedures can come to a stop, leading to pricey downtime. We react to all your style and functional expectations. Our bearings will minimize your operating expense, even in the harshest of environments. General upkeep such as re-lubrication is, naturally, essential in guaranteeing that bearings run dependably. However in the dirty, grit and moisture-laden environments come across in cement plants, lube can rapidly end up being infected, ending up being a reason for failure in itself. Where this issue prevails, making sure maximum success, by lowering the expenses connected with making use of bearings, throughout the procedure making sure extensive service and assistance to avoid issues prior to they take place.

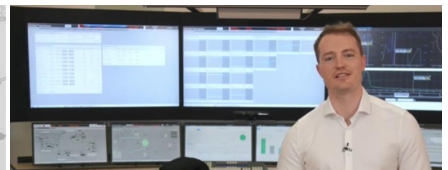
Highlights



Blog
What's on the horizon for mining in 2019? Key themes to watch



Newsletter
Mining update 4/18: Digitalization creating value and visibility for the mining industry

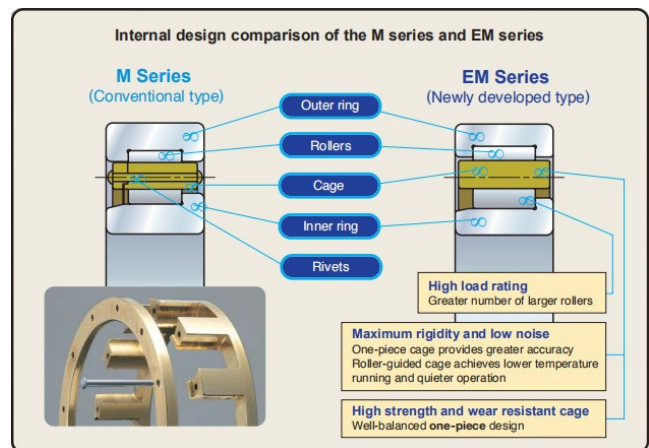
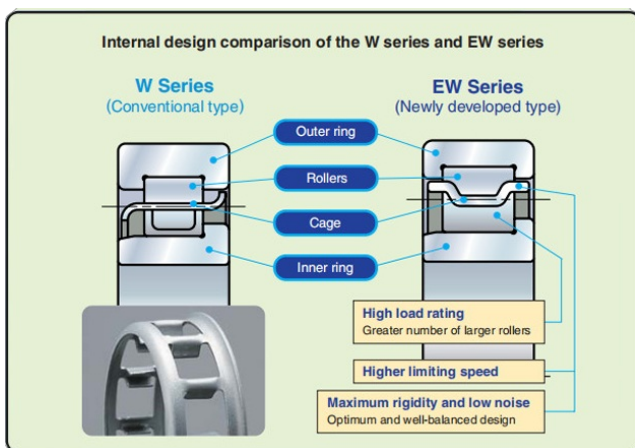


Video
ABB expert explains benefits of advanced process control in mining to reduce costs and increase yields

A rolling bearing topic to contamination might need replacement at a point in its life-cycle that is a simple portion of the life span that would otherwise be attained if operating in a tidy environment. The capability of Loyal bearing to offer additional life in hard operating environments has actually been shown in the steel and aluminium producing markets. As an outcome of this success, Loyal has actually made the product offered for usage in cement production, with its most current varieties of round roller bearings brand-new high capability EM and EW series of round roller bearings, and tapered roller and ball bearings.

early bearing failures is highlighted by the occurrence of bearing failures in issue environments such cement manufacture, steel production, quarrying and farming, where equipment is exposed to wetness, dust, dirt and various processed product.

Our offering



Loyal bearings also provide the reliability and durability of the cement industry of our end-users

Loyal bearing are a response to the issue of early bearing failures resulting not just from polluted, however likewise from inadequate lube. These failures happen because, under tough and filthy operating conditions, bearing lube is quickly polluted with particles. The debris particles are then caved in on the bearing raceways, triggering tension concentrations at the indentation edges. since that produced by cement is extremely abrasive. Cement dust is hygroscopic, which implies that it soaks up the lubricating oil from the bearing grease, leading to an abrasive paste of polluted grease and cement dust., resulting in tension concentrations around the contact locations. The lead to both cases is that fractures form from the surface area of the product at the tension concentration points, causing a speed up rate of tiredness damage and, eventually, much shorter bearing life.

Working carefully with the cement, ready-mix concrete & aggregate markets we continue to construct on our experience & understanding of your commercial procedures, applications and issue locations. Through close collaborations with device makers and end users, Loyal engineers guarantee they comprehend your requirements, environment and applications to assist fix issues with dependable services. Our items are crafted to allow you to conquer unintended downtime and offer services to the intrinsic issues of contamination and vibration.

Cement Solutions



Loyal deals bearings, services and options to deal with the crucial aspects - dependability, quality and lowered upkeep - enhancing your uptime and your bottom line. Loyal engineers can advise you on choosing the most suitable bearing for your machinery, applications, processes & conditions, ensuring you get the most out of your machinery.

With proper maintenance and lubrication they could run for longer.

By talking with Loyal engineers you could benefit from longer life in your bearings - they can advise and help you respond to the problems on your site concerning machinery parts, sealing, fit, lubrication and maintenance issues & practises to ensure you get the most out of your bearings.