

# A NEW GENERATION OF DISTRIBUTION

Navigating you through the most demanding operational challenges. Selecting the right, best-fit replacement aftermarket parts & advising on best-practice MRO services, for continued operational peak performance.

We are passionate about our partnerships with operators in the quarrying sector. We ensure that, in full cooperation with NTN-SNR & your maintenance engineers, we provide the latest technologies & “best-practice” solutions to keep your plant running smoothly & your employees safe.

## NTN-SNR bearings proven in the toughest QMC environments & trusted by OEMs worldwide to protect machinery & productivity.

Specifically designed to make a real difference to your quarry & mines productivity, while reducing unplanned failures and overall equipment lifecycle costs. NTN-SNR bearings & Polar Star Engineering Services improve your bottom line through hands-on engineering partnerships with dedicated professionals; authorised spare parts & attention to your business requirements.

### EF800 & UA SPHERICALS FOR VIBRATING SCREENS

Pollution, overload, overheating, housing deformation or loss of lubricant efficiency are the main causes of failure. When initial damage occurs, the massive brass cage ensures a longer service life, allowing the planning of preventative maintenance. ULTAGE - surface optimisation, reduced friction torque, increased performance.



### ULTAGE EA SPHERICALS WITH STEEL CAGE



This concept keeps friction & heat build-up to a minimum in order to guarantee longer service life & reduced maintenance costs.

Two pressed steel cages centred on the ground surface of the inner ring; cages surface hardened with a phosphatising coating; reduced friction coefficient for better operation at high speeds.

### ULTAGE EM SPHERICALS WITH BRASS CAGE

Machined brass one piece cage is well suited to increase the bearing life in the most demanding of applications, as in the quarrying industry, and to decrease maintenance costs.



### ULTAGE EE SEALED SPHERICALS



With nitrile lip seals, these EE bearings are designed to reduce the risk of exposure to contamination in harsh environments. Enabling long intervals between maintenance and help keep lubrication consumption to a minimum.

### BEARING UNITS WITH CAST IRON DUCTILE HOUSINGS

A range of housings in different shapes and sizes, made of ductile spheroidal graphite cast iron for improved breaking strength. Dimensions are designed to be as compact as possible, making them suitable for applications with limited space and weight allowance.

