



BEARINGS

FOR CRUSHING STONES

Special and Standard Bearings



Introduction

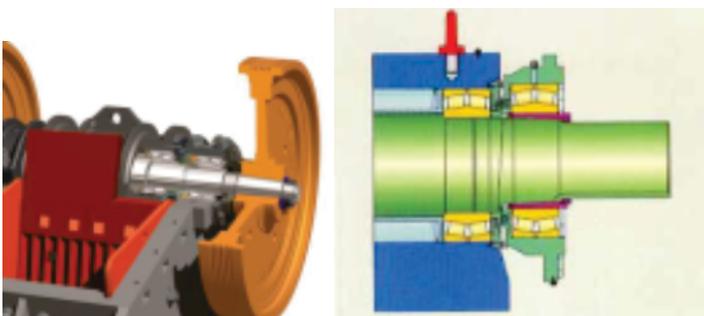
Stone crushers are used extensively in mining applications. The type of crusher used will depend on a variety of factors including the type of mine in terms of what ore is being mined, the size of the required finished product to be produced by the mine, the industrial applications of the mine ore, and the type of mine in terms of how the ore is mined. Various types of crushers are used in the stone crushing industry such as Jaw Crushers, Roller Crushers, Cone Crushers, Impactor, etc. Generally, only Jaw Crushers are used as primary crushers. For secondary and tertiary crushing application either of Jaw, cone, roller, Impactor type crushers are used.

Conditions of operation

The bearings in these applications are subjected to very severe operating conditions such as: Heavy load, Shock load and vibration, Dusty environment, Shaft deflection, Continuous operation & Poor maintenance system

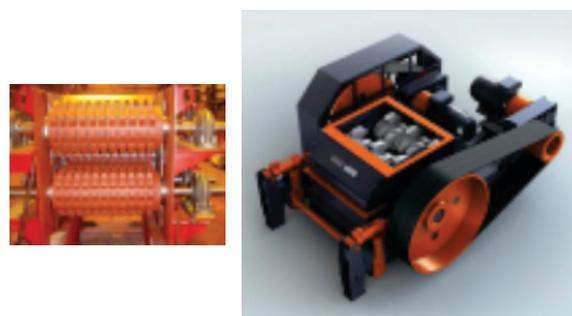
Applications:

Jaw crushres



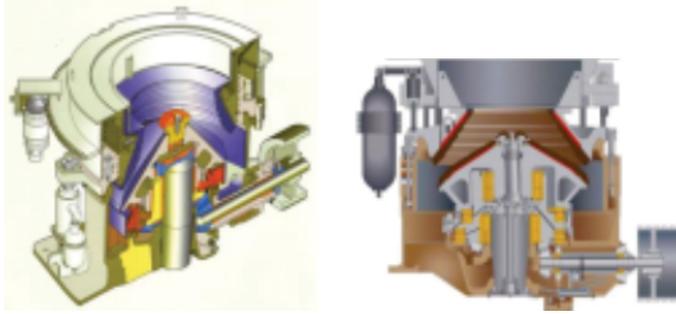
Standard spherical roller bearings,
Type MA, CA
Specialized spherical roller bearings
for vibrating applications

Roller crusher



Spherical roller bearings(standard and sealed)
Spherical roller thrust bearings
Four-row cylindrical roller bearings

Stone crusher



Impactors



Spherical roller bearings (standard and sealed)
 Tapered roller bearings
 Cylindrical roller bearings (single and double row)
 Cylindrical roller thrust bearings (single and double row)
 Tapered roller thrust bearing

Spherical roller bearings, standard and specialized spherical roller bearings for vibrating applications

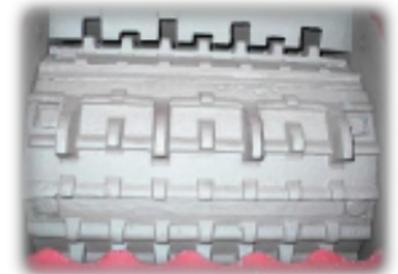
SPECIAL BEARINGS

These bearings are sealed with acrylonitrile rubber that assure special characteristics for wear to friction resistance to petroleum products and physical - mechanical properties and working temperature $-50.....+200^{\circ}\text{C}$. These bearings have greater width than standard bearings. Seals protected the bearings and lubricant from contaminants and increase bearings service life.



Four-row cylindrical roller bearings

These bearings are designed for extremely high radical load capacity with case-carburized steel materials for race and rollers maximize resistance to shock, wear and debris. Optimized internal design and improved surface quality extended the service life of bearing.



Applications : Roller Crushers Recommended grease

Grease	Manufacturer
KLUBERPLEX MH41-682 BM	Kluber
ISOFLEX NBU15	Kluber
KLUBERLUB BH-41-682	Kluber

Ahmedabad B.O.:
 F/71, Rudraksh Complex, Phase iii, Vatva GIDC, Ahmedabad - 382 445.
 T.: 079-40305863 | Call : +91-94-263-36074 / +91-89-800-18174
 E-mail : veermani.engineering@gmail.com | pratik@veermaniengg.in

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