



Gatke is a Laminated Composite Fabric Impregnated with Thermosetting Resin and Dry Lubrication Compounds

## KWS GATKE Hanger Bearings

KWS stocks both style 216 and 226 Gatke hanger bearings. Gatke is a laminated composite bearing produced by impregnating fabric with thermosetting resin and dry lubrication compounds.

Gatke bearings withstand harsh applications and can be used in a variety of industries, including food, metals & mining, pulp & paper, and power. Designed to operate without lubrication, Gatke is resilient and will withstand heavy and repeated shock loads, leading to a long wear life. Gatke also won't gall or score, which is a possibility when using bronze or hard iron bearings.

### Features

**Wear Resistance** – Gatke hanger bearings are resistant to water, most chemicals, heat, and pressure

**Self-Lubricating** – Lubricants are added during the bearing manufacturing process

**Wide Temperature Range** – Gatke bearings operate in temperatures ranging from -80 to +250-degrees F

### Benefits

**Increased Productivity** – Extended bearing life reduces downtime and improves production

**Reduced Maintenance Costs** – Gatke is self-lubricating, eliminating manual lubrication

**Variety of Applications** – Gatke hanger bearings are often used as a replacement for bronze and hard iron bearings

Gatke bearings are ideal for screw conveyor applications involving moderate to heavy loads and speeds up to 75-rpm. Mildly to moderately abrasive bulk materials such as salt, sugar, zinc dust, and wood chips with bulk densities up to 70 lbs. per cubic foot are preferred applications for Gatke hanger bearings. An optional FDA compliant bearing is also available. Please refer to the KWS Screw Conveyor Engineering Guide for more information.



Gatke Bearings are Used in the Food, Metals & Mining, Pulp & Paper, and Power Industries



Gatke Hanger Bearings are Recommended for Moderate and Heavy Loads and Speeds Up to 75-rpm



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