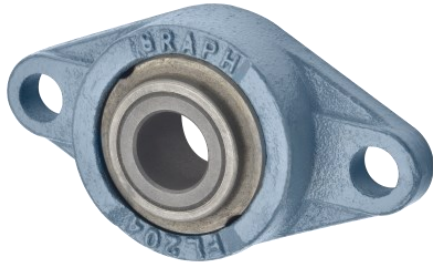


# GRAPHALLOY® Bearings: The Damper Solution

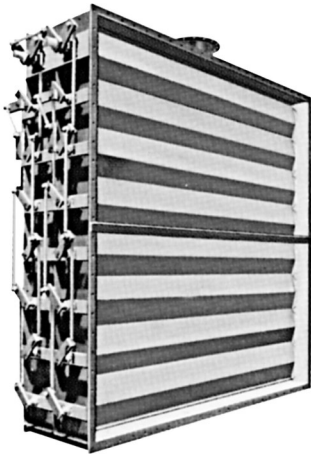
Dampers are a maintenance problem for many companies. They experience high temperatures, require frequent greasing, and are often located in difficult-to-access areas.



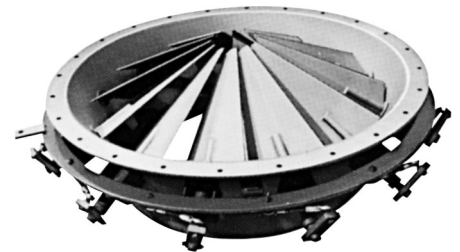
## GRAPHALLOY® - Install It and Forget It:

- ◆ Temperature range from -400°F to +1000°F
- ◆ Self-lubricating- requires no oil or grease
- ◆ Will not seize or lock up
- ◆ Self-aligning capabilities for proper alignment
- ◆ Long life with maintenance-free operation

## Where to use GRAPHALLOY® Pillow Block and Flange Block Units:



- ◆ Louver Dampers
- ◆ Wind Boxes
- ◆ Butterfly Dampers
- ◆ Guillotine Dampers
- ◆ Diverter Dampers
- ◆ Radial Vane Dampers



Graphalloy meets the needs of tough High Temperature Dampers. Our engineers are waiting to help you. Call us now at 914-968-8400, email us at [sales@graphalloy.com](mailto:sales@graphalloy.com), or visit our website [www.GRAPHALLOY.com](http://www.GRAPHALLOY.com).



# GRAPHALLOY® Bearings: The Damper Solution

## Successful Case Histories with Graphalloy



### Power Plant Sees Longer Bearing Life

A power plant in the Midwest had difficulty operating the dampers that control the flow of preheated air into the combustors. The hot air quickly dried out the lubricant in the steel damper bearings, causing the dampers to seize.

The problem was solved by replacing the steel bearings with self-lubricating GRAPHALLOY® bearings. These new bearings have been in operation for years without a single failure. The plant has also seen a substantial savings in costs for replacement bearings and labor.



### Ten Years and Counting, No Failures

A wind box dampers manufacturer needed four-bolt flange mount assemblies that could handle temperatures up to 800°F and provide self-alignment capability. They selected the 845F4 GRAPHALLOY assembly. They liked the self-aligning method and the material's capability up to 1000 °F. They have experienced 10 years and counting without any failures.

