

# Lubricated Gear Reducer Cutaway



## Model: 150-LGR

Gear (or speed) reducers (also commonly referred to as gear drives) tend to be extremely durable pieces of equipment even in the most severe applications. Because friction is created between internal moving components in a gear reducer, oil is used to minimize friction and wear, dissipate heat, and lubricate bearings and seals.

Proper lubrication of a gear reducer will help it perform efficiently and extend its operating life. A layer of oil, known as elastohydrodynamic (EHD) film, separates the mating surfaces of components, preventing metal-to-metal contact and minimizing wear.

Improper lubrication is the leading cause of gearbox failure. The correct amount of oil must be maintained in a gear reducer to ensure peak performance. If there is too little oil, premature gear or bearing failure can occur. Too much oil, on the other hand, can create excessive churning that leads to excessive air entrapment and overheating.

Bayport Technical's Lubricated Gear Reducer Cutaway (150-LGR) allows individuals to see and identify the internal

components of the valve. The valve can be taken apart and reassembled for training purposes. NOTE: Pictures of cutaway models are representative of our products; actual equipment, size, and color scheme may vary with each piece according to availability and customer preference.

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## **SPECIFICATIONS**

- Coming soon.

## **PRODUCT DIMENSIONS**

- Coming soon.

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