



NIS Neck Ring Mechanism

The NIS Neck Ring Mechanism has been designed to incorporate proven industry leading technology of the Lattimer standard unit, renowned as the world leader.

Improvements to the piston and rod, cylinder head and spring enables the mechanism to perform accurately and consistently in an increasingly demanding environment.

During the assembly process, each mechanism is tested on our dedicated inspection facility ensuring that they all achieve our demanding specification and tolerances.

Lattimer Piston and Rods are heat treated several times during the manufacturing process and once all machining and treatments are completed, all surfaces are ground, guaranteeing an exceptional surface finish, correct sizing and a closely tolerance fit to cylinders, the fine surface finish is critical for the control and smooth operation of a Lattimer mechanism.

To reduce the risk of end caps rotating and causing premature wear, seloc pins are replaced with keyways and secured with cap screws on the non-driven side, nut and tab washer on the driven side, changes that distinguish the Lattimer mechanism from the competition.

Benefits

- Interchangeable with existing mechanism
- Extended service life
- Increased opening and closing speeds
- Enhanced repeatability
- Minimal backlash
- Decreased maintenance downtime

Contact Lattimer for more information
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