



Inner Assembly Installation Kit

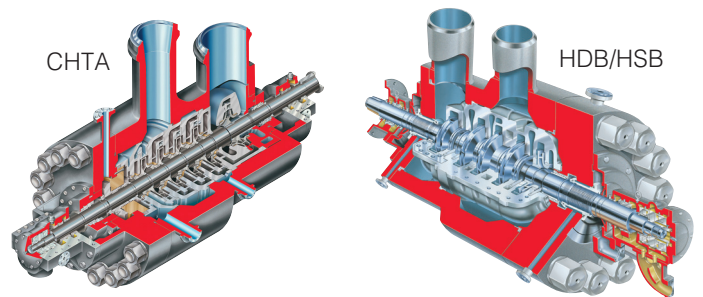
For Double-Case Boiler Feed Pumps

Reduce downtime and repair costs for Flowserve double-case boiler feed pumps

Double-case barrel pumps — such as the CHTA, HDB and HSB from Flowserve — are crucial to boiler feed applications in many coal-fired power plants. Their designs feature an inner assembly that can be removed as a single unit, which simplifies maintenance and reduces downtime. Expensive delays can still occur, however, if all the necessary installation parts aren't on hand.

Minimize downtime

To minimize the downtime for on-site inner assembly exchanges, Flowserve has developed an Inner Assembly Installation Kit specifically for the CHTA, HDB and HSB pumps. The kit is supplied in a dedicated box containing all original equipment manufacturer (OEM) parts needed for an inner assembly exchange. This ensures the necessary materials are readily available at a moment's notice.



The kit is especially valuable during non-scheduled maintenance events, when every moment counts to restore lost generation capacity. It also reduces the preparation time needed prior to scheduled maintenance.

No waiting for parts when you need them most

The Inner Assembly Installation Kit enables your site to perform an inner assembly exchange as quickly, easily and cost-effectively as possible.

Each kit contains everything you need to perform an inner assembly exchange. All components are clearly labeled with their part number, item number and description. For additional protection, sensitive components like O-rings are supplied in vacuum-sealed packaging.

The kit also includes a full cross-section diagram of the pump. Each part in the kit is itemized on the diagram to ensure easy identification in the pump assembly.

Depending on your needs, parts can be supplied in a sturdy wooden box fit for indoor use or a rugged metal container suitable for outdoor storage.

Typical kit contents:

- Gaskets and O-rings
- Thrust and radial bearing assemblies
- Balance drum and sleeve
- Shims, pins, bolts and nuts
- Sectional drawing identifying all parts by location

Easy resupply keeps you prepared at minimal cost

The Inner Assembly Installation Kit continues to save you time and money after maintenance events. Replace used components at a discounted rate compared to their individual cost, and be ready at a moment's notice the next time your site needs to perform an inner assembly exchange.

A complete, cost-effective solution

The Inner Assembly Installation Kit offers you significant cost-saving advantages. With reduced maintenance downtime as well as material-, time- and labor-saving inventory management, you'll get a complete, cost-effective solution that keeps your plant running efficiently and reliably.

Advantages that reduce costs

Dramatically reduced risk of startup delays

Not having the right parts on hand is one of the most common causes of startup delays. The Inner Assembly Installation Kit significantly reduces this risk by ensuring all necessary components are available and easily accessible at a moment's notice.

Lower component prices

The parts in the Inner Assembly Installation Kit are offered at a reduced cost compared to their individual component pricing.

Easy inventory and lean order management

The kit streamlines inventory and reordering by eliminating the need to manage each component individually. All necessary parts are provided in the box, and can be replenished by Flowserve in a single step on an as-needed basis.

Less chance for parts damage or deterioration

In addition to the wood or metal storage box, each component is stored in a container or holder specifically designed for its protection. These precautions virtually eliminate the risks associated with rough handling or improper storage.



Flowserve Corporation
5215 North O'Connor Blvd.
Suite 2300
Irving, Texas 75039-5421 USA
Telephone: +1 937 890 5839

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