

CLEANING & MAINTENANCE

CERTIFIED HYGIENIC BEARING HOUSES

The Bearing House is extremely easy to clean because the cleaning water can easily reach all surfaces behind, around and all the way in and around the shaft.

The house itself is drop shaped and is connected via triangular arms to the fastening leg and the sealed foot. The smooth double curved surfaces combined with the triangular design with no blind angles, help water and detergents to clean all parts of the Bearing House. A well-thought-out open machine design combined with our bearing houses ensures the opportunity to clean places where it was not possible to get before.

2-HOLE FLANGE
XB2FC



4-HOLE FLANGE
XB4FC



TAPPED BASE
XBTBC



3-HOLE FLANGE
XB3FC

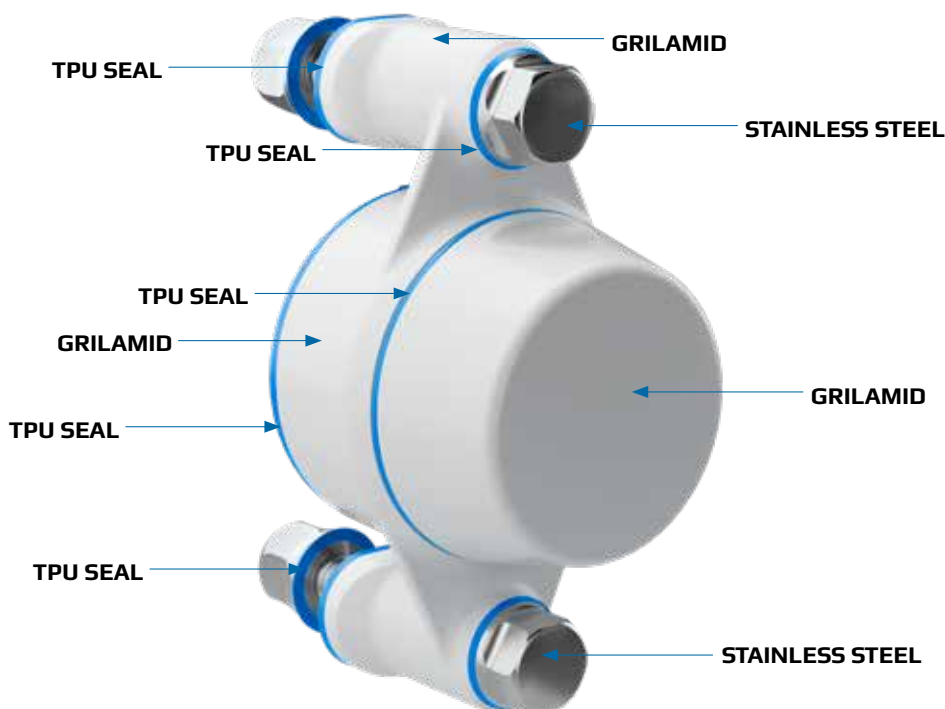


PILLOW BLOCK
XPBPC



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CERTIFIED HYGIENIC BEARING HOUSES



CLEANING

1. Rinse with water, (max. temp. ~40°C on proteins).
2. Distribute and cover all surfaces with foaming alkaline detergent for minimum 10 min. All usual products within the industry can be used. Follow suppliers recommendations for temperature and concentration (max. 100°C and concentration depending on foaming product).
3. Rinse with hot water (max. 100°C) with low-medium pressure (approx. 8-12 bar) until visible cleanability is obtained. Cleaning of the foot assembly including sealings and domed nuts can normally be done with a spraying nozzle pointing in a downwards direction approx. 45° from above. For more heavy polluted surfaces, a more direct oriented nozzle can be necessary.

NB: Be careful not to damage sealings if high pressure cleaning is used. Keep nozzle at min. 200-300 mm distance.

4. If mechanical cleaning is necessary because of severe dirt, cleaning must be executed by a soft brush or soft plastic scraper together with a more direct pointing nozzle spray.

NB: Steel scraper, steel brush or other sharp metallic tools are strictly prohibited, since rubber sealings can be severe damaged and the steel surfaces will be scratched.

MATERIALS

The complete hygienic bearing houses are to be considered non-toxic, non-absorbent and migration-free.

All materials are food graded and compliant with the stringent requirements of FDA, 3-A, USDA and European Food Contact regulations and EHEDG.

MAINTENANCE

1. There is no ongoing maintenance of the bearing houses, they do not need to be lubricated or opened to be cleaned
2. There are 2 wear parts in an NGI bearing housing, the bearing itself and the spherical seal. They can both be changed relatively easily, but as this happens significantly less often than for standard rental houses, you can also change the whole house.
3. If the sealings are damaged, the product involved must be replaced. Always use original spare parts from NGI.
4. If replacement of hygienic bolts, nuts or sealings is necessary. Always use original spare parts from NGI.