



SKF longer-life bearing solutions for washdowns

Benefits

- Helps keep your facility HACCP*-compliant
- Longer service life cuts operating and replacement costs
- No relubrication necessary
- Corrosion-resistant and contamination-free under virtually all washdown conditions
- Dimensionally interchangeable

Typical applications

Conveyors, sorters, sizers, presses, augers, brush washers and all washdown areas for:

- Poultry
- Red meat and pork
- Fruits and vegetables
- Confectionary
- Bakeries
- Beverages

Pre-lubricated, double-sealed composite bearing units from SKF® last longer and are maintenance-free

These HACCP-friendly bearing units from SKF thrive in washdown conditions that cause corrosive failure or lubrication breakdown in conventional bearing units.



Maintenance-free composite bearing units from SKF have a high-strength, corrosion-resistant housing, and double-lip seal with rotating flinger to keep the lubricant in and even the harshest washdown solutions out.

The result is extended service life and dramatic reductions in maintenance and replacement costs.

Composite bearing units from SKF are pre-lubricated with USDA** H1-approved grease for use in all food processing operations.

Composite housings – 60 % lighter than cast iron and resistant to hot and cold water, disinfectants, citric acids, cooking fats, and washdown chemicals.

- Plummer (pillow) blocks
- Flanged units 2 and 4 bolt holes
- Plummer (pillow) blocks with two threaded holes in the base
- Take-up units

Bearing inserts

- Zinc coated
- Stainless steel
- Bore sizes from 20 to 40 mm and 3/4 to 1 1/2 in



For more information about our full line of HACCP*-friendly products, contact your SKF Authorized Distributor.

* HACCP – Hazard Analysis and Critical Control Point
 ** USDA – US Department of Agriculture





Increase the return on your maintenance investment with SKF

The whole idea behind the SKF 360° Solution programme is to help you get more out of your plant machinery and equipment investment.

This means lowering your maintenance costs, or raising your productivity, or both! Following is an example of the SKF 360° Solution programme at work in the metals industry.

Up to 400 % longer service life for conveyor bearings

A major chicken processor was replacing hundreds of conventional nickel-plated iron bearing units in their conveyors every two-to-three months because of rust and grease washout. SKF recommended composite bearing units with stainless steel bearing inserts, double-sealed to prevent contamination and grease loss.



The customer has reported service life of these composite bearing units that is three to four times longer

than conventional units and there are substantial labour savings as well.

Full-season life for brush washers



One large processor of citrus juices was replacing conventional bearing units in their brush washer lines on an average of twelve per month.

Replacement also involved the cost to replace brushes and sprockets damaged due to the bearing failures. The recommended solution was composite bearing units from SKF with zinc coated insert bearings, lubricated with washout-resistant H-1 certified USDA* grease. The customer experienced no bearing failures during the entire processing season. All brush lines at this plant are now equipped with SKF composite bearing units.

Sorting out less downtime, more productivity

An apple processor was replacing conventional cast iron pillow blocks on all of their multi-lane sorters every three months due to rust and grease washout. The solution was to replace these units with composite housings from SKF. After a trouble-free six-month test period, SKF composite bearing units with zinc coated inserts and stainless steel double lip seals were specified



as the drop-in replacement for all cast iron units. Further reports indicate that the upgraded sorters – which contain hundreds of pillow blocks each – have run for a year without requiring any bearing-related service.

* USDA – US Department of Agriculture

