

Power Transmission Solutions for Food & Beverage and Pharmaceuticals



With the increase of precision machine technology the demand for specialized bearings that provide high performance and increased running life has increased substantially. There is a growing need for solutions that provide corrosion resistance in applications operating in demanding environments while meeting tough regulatory guidelines.

The Food Processing & Pharmaceutical industries are examples where bearings & power transmission components are required operate in caustic environments or in applications that have strict wash down and cleanliness requirements.

Food Processing Applications

- Canning & Bottling
- Fish Processing
- Food Packaging
- Industrial Rendering
- Meat Packing
- Slaughter House
- Sugar Processing
- Poultry Processing
- Bakery & Snack Foods



Pharmaceutical Applications

- Producing
- Processing
- Grinding
- Packaging
- Granulation
- Milling
- Compression
- Dispensing



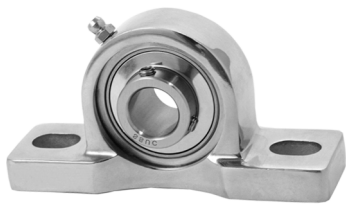
TRITAN Stainless Steel Radial Ball Bearings

With inner rings, outer rings & balls constructed of AISI440C martensitic stainless steel and AISI304 austenitic stainless steel for retainers, and seals/shields, these bearings provide the ultimate corrosion resistance in humid & caustic environments.

Special Features include high resistance to corrosion, high stability in high temperature, high resistance to chemicals, and lubricated with FDA Food Approved Grease.



Stainless Steel Mounted Units



TRITAN Stainless Steel mounted units offer the highest level of corrosion resistance and are ideal in applications that require robust strength and durability while operating in caustic or wash-down environments. Housings are constructed of 304 grade stainless steel.

TRITAN Stainless Steel Inserts

Stainless Steel and Thermoplastic mounted units are equipped with TRITAN Stainless steel inserts. The rings and balls are constructed of AISI 440C martensitic stainless steel and retainer, slinger & seal frame and the set screws are constructed of AISI 302 austenitic stainless. All Stainless Steel and Thermoplastic Units are lubricated with H1 USDA/FDA Food Grade grease.

Thermoplastic Mounted Units

TRITAN Thermoplastic Mounted Units offer an economic solution with a high level of corrosion resistance, and are ideal for a wide variety of wash-down applications.



TRITAN Stainless Steel Roller Chain

TRITAN Stainless Steel Roller Chains are used in highly corrosive and high temperature environments. Constructed of 300-grade stainless, they offer optimal performance in caustic and wash-down applications.

