



IP69K Seal and Flinger

## TIMKEN® IP69K HYGIENIC MOUNTED BALL BEARINGS

**FULLY STAINLESS BEARINGS WITH IP69K WATER AND DUST PROTECTION RATING WITHOUT THE USE OF AN END COVER FOR FOOD AND BEVERAGE APPLICATIONS.**

Heavy washdowns with harsh cleaning chemicals are critical to achieve food safety in food and beverage processing and packaging equipment. Pair that with an abundance of moisture and you risk corrosion to equipment components if they are not properly engineered for this environment.

Timken Hygienic Bearings rated for IP69K are specifically engineered to perform in Food and Beverage applications where high-pressure washdowns, high humidity and excessive temperature differences exist. To meet the IP69K rating, our bearings did not allow any water or dust past the seal during the aggressive tests.

Timken IP69K Hygienic Mounted Ball Bearings can meet safety requirements of challenging food processing applications:

### KEY EQUIPMENT TYPES

- Conveyors
- Slicers
- Beverage Machinery
- Food Processing Machinery



### PRODUCT ADVANTAGES

#### Superior Protection

Timken achieves IP69K rating without a sealed end-cover.

#### Fully Stainless

Our ball inserts (rings, balls, cage) are fully stainless making them fully metal detectable and corrosion resistant.

#### Housing Variety

Our IP69K insert is available in combination with four different housing materials including standard cast stainless, white thermoplastic, hygienic stainless and hygienic blue thermoset housing material.

#### Numerous Housing Types

Our IP69K ball bearing insert is available in thousands of housing combinations including custom options designed to fit any food and beverage application need.

### MAINTENANCE FREE

- » With Timken, our solutions are lubed for life, containing food grade grease or solid lube options. With these solutions, there's no need to re-grease, resulting in minimal maintenance to the bearing.

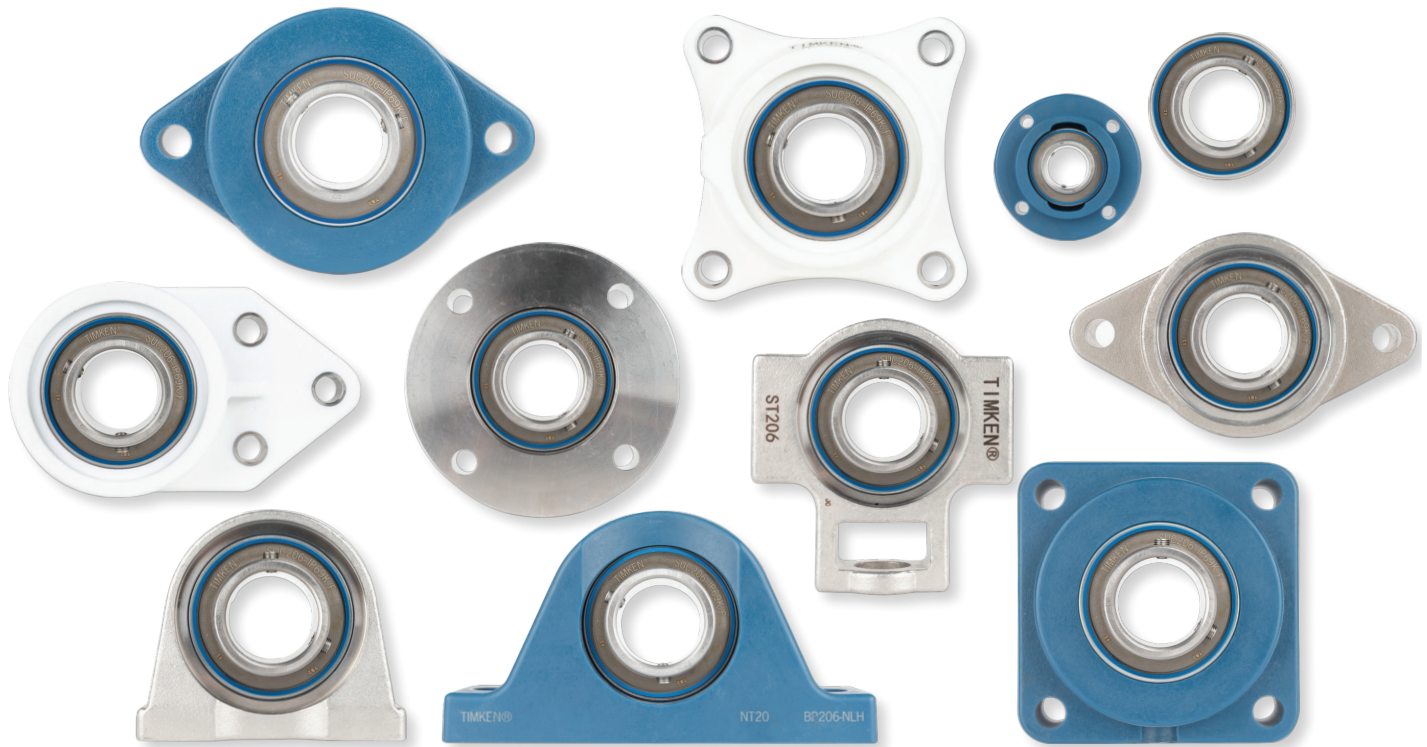
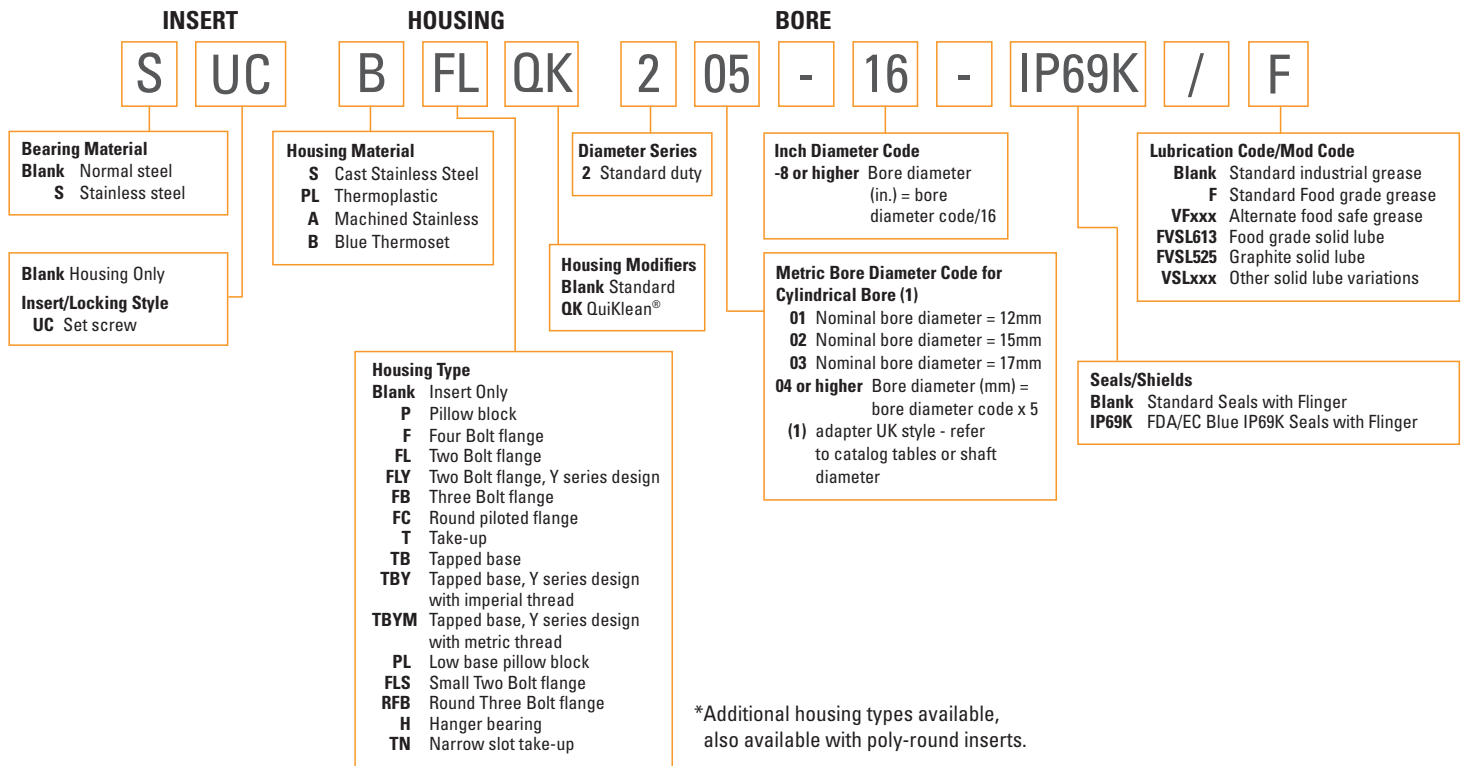
### IMPROVED FOOD SAFETY

- » Our seal and flinger material are FDA/EC compliant for direct food contact. By eliminating water ingress, corrosion and rust on the bearing is also eliminated. This not only extends the life of the bearing, but also reduces the risk of contamination to food during processing and production.

### MAXIMIZED PRODUCTIVITY

- » Our products are designed for efficiency. You can maintain optimum operating efficiency despite chemical washdowns and wet environments.

# NOMENCLATURE



# TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related power transmission rebuild and repair services.

**Stronger. By Design.**

[www.timken.com](http://www.timken.com)