



**Bearings used in machinery for food and beverage production must meet a range of unique requirements. Bearings may be in direct or indirect contact with consumables during manufacturing, handling and other processes and it is essential the quality of the end product is not compromised, and consumer safety is assured at all times. In addition, bearings used in this industry must endure harsh environments, dealing with extreme temperatures (both hot and cold), contamination, wash downs, humidity and chemical exposure.**

CW Bearing is a market leader in the manufacture of bearings for this industry, offering a number of solutions to the challenges above.

### **Food Grade Greases**

CW Bearing has more than 300 different greases in stock, many of which are certified for use in the food industry (H1). Their use is essential to ensure product safety. Additionally, a moisture barrier grease may be needed to keep out water found in an application or because of the wash down process.

### **Corrosion Resistant Materials**

Bearings can be manufactured from stainless steel or SV30. Stainless steel is more resistant to detergents and wash downs than normal steels. SV30 is an advanced material which is extremely corrosion resistant and displays improved mechanical properties through its very fine structure, very quiet running characteristics, high temperature and chemical resistance.

### **Special Coatings**

CW Bearing offers multiple types of coated bearings which are highly resistant to corrosion which can occur in food and beverage production processes.

### **Specially Designed & Coloured Seals**

CW Bearing offers coloured seals which, where damage occurs, allow for simple, early detection.

Specially designed seals ensure no liquids or contaminants can enter the bearing and lubricant is contained more efficiently (lifetime lubrication) than standard seals. As a result, the life span of the bearing is increased and running characteristics are improved.

### **Cleanroom Class 7**

Assembly, testing and packaging takes place in ultra-modern class 7 (EN ISO 14644) / class 10.000 (US FED STD 209E) clean rooms, ensuring the bearings are supplied to the highest hygiene and cleanliness standards.

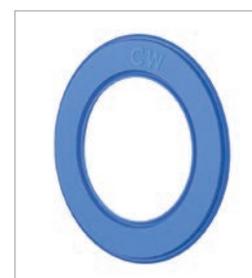
### **About CW Bearing**

CW Bearing is a global company with production sites in the US, China and Germany. It's largest subsidiary, CW Bearing GmbH, is headquartered in Hamburg and is a leading manufacturer of high precision ball bearings. CW Bearing operates across Europe and South America, providing engineering, manufacturing, sales, logistics and technical service from multiple locations. State-of-the-art production and testing facilities are based in the company's 'Quick Centre' in Kürnach, Germany.

For more information on our products or to discuss your bearing requirements, please contact our experienced Sales & Engineering Specialists.



3D model of bearing.



3D model of seal.

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