
Data Sheet

Top-of-the-line Bearings Deserves Supreme Housings



CERAMICSPEED

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The demand for longer lasting production equipment, which can live up to the strict requirements for both hygiene and food safety within the food and beverage industry is increasing dramatically. The new hygienic bearing housing from NGI are the only USDA-certified bearing housing on the market mounted with CeramicSpeed bearings which can live up to these strict requirements.

The Best Materials

The new NGI bearing housings are designed in accordance with EHEDG and 3-A design principles in order to meet and exceed the demands of modern production lines. The housings are produced in high quality glass fiber reinforced Grilamid. They are designed with a very smooth and round surface, which makes it impossible for e.g. bacteria and water to penetrate.

To improve the strength of the housings even further and to strengthen the contact surface against the mounting surface the bearing housings have been mounted with CeramicSpeed bearings. CeramicSpeed bearings are fitted with the best ceramic balls available made from Silicon Nitride (Si_3Ni_4). The CeramicSpeed Balls feature unparalleled impact strength, smoothness and roundness proven to be superior to other ceramic and steel balls.

Technical Highlights:

- Extremely long service life
- Easy access for cleaning from all angles
- FDA-, USDA and 3A approved and lives up to EHEDG
- Certified after IP69K as the only housing on the market
- Fitted with top-of-the-line quality hybrid bearings from CeramicSpeed
- Waterproof sealing system, up to 3° misalignment
- Stainless steel bolts and nuts in AISI316 can be fitted as an option
- Unique patented seal system, waterproof at more than 3 degrees misalignment

