



Product

Stainless Steel BG Series Geared Motors

Application

Food Processing Freezers

Highlights

- Modified stainless steel BG series geared motors
- Stainless steel non-vented housings
- Complies with NA and International standards, including NEMA, IEC, CSA, and CE
- Torque rating to 18,500 Nm
- Completely enclosed, sealed against dust and moisture
- Corrosion protection COR01, COR02, COR03
- Connection Standard with CAGE CLAMP®
- Optional output flange

A major food processing OEM was experiencing repeated failures of competitive geared motors utilized on its large freezers. Two geared motors are used on both the inner (main) and outer (auxiliary) edge drives of the freezers stacking conveyor belt. Freshly prepared food product enters at the bottom of the freezer and is exposed to the chilled air as it rotates through the unit. The fully frozen food exits the freezer near the top of the unit for transfer to a packaging line.

The OEM contacted Bauer to provide a more reliable, maintenance-free solution. After careful review of the customer's machine, Bauer application engineers developed custom stainless steel BG50 inline geared motors specifically designed for the machine's main rotational drives.

The Bauer stainless steel geared motors increased reliability and quality by reducing downtime, change time and product deterioration during downtime. Durable BG SS Series models are IP67 compliant and feature graded surfaces, rounded edges and corners, covered hardware, and an optional output flange. Other standard features include non-ventilated motors and double-lipped shaft seals.

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