



Product

BS Series Geared Motors

Application

Bakery Wrapping Machine Infeed Conveyors

Highlights

- Worm gear, single-stage geared motors
- Cost effective, energy efficient design
- High quality, wear-resistant bronze worm gear
- High-tensile, case hardened steel output shaft
- Completely enclosed, sealed against dust and water spray
- Corrosion protection COR01, COR02, COR03
- Standard IP 65 enclosure
- Complies with CE, UL and CSA International standards

A leading U.S. manufacturer of automated flow wrapping systems needed reliable drives for use on its machine's infeed conveyors. The series of conveyors move bakery items, including bread and pastries, into the wrapping machine. Accurate speed control of the singulation, profile, accumulation and metering conveyors is critical to prevent downtime and waste caused by jamming and damage of the food products inside the wrapping machine.

To meet the application requirements, Bauer Model BS10 single-stage geared motors were selected over competitive models based on previous successful installations. The 0.12 kW BS10 worm gear units supplied feature a torque rating of 59 lb.ft. (80 Nm) and a reduction ratio of 152.7:1. All BS Series units feature a rugged gearbox housing designed for operation under harsh conditions. The compact closed housing preventing lubricant loss and dirt build-up. BS geared motors are an economical solution for applications such as this with small torques and low speeds.

Europe
+49 711 3518-0
bauergears.com

US
1-732-469-8770

For a complete list of our global sales offices visit:
altramotion.com/contactus