



## Product

## BK & BF Series Geared Motors

## Application

## Industrial Mixers

## Highlights

- BK and BF Series geared motors feature a 3-piece internal sealing system between the motor and gearbox
- Complies with NA and International standards, including NEMA, IEC, CSA, and CE
- Torque rating to 18500 Nm
- Low noise gearing
- IP65 Enclosure (Standard), IP66 (Optional)
- Completely enclosed, sealed against dust and moisture
- Corrosion protection CORO1, CORO2, CORO3
- Connection Standard with CAGE CLAMP®

A leading industrial mixer OEM required rugged-duty replacement geared motors for use on its vertical and side-entry mixers. The agitators are used in a wide range of applications in industries including food processing, chemical, mining, petro-chem, and waste treatment. The units are designed for continuous 24/7 operation in harsh processing environments.

The customer was experiencing problems including failures and leaking, with its existing geared motors supplied by a competitor. The OEM reviewed various manufacturers' geared motor offerings.

Ultimately, Bauer gear motors were selected over competitive units due to Bauer's reputation for high-quality, well-engineered products, responsive delivery times and superior service support.

To meet the customer's various application torque and speed change requirements, as well as space limitations, Bauer BK Series and BF Series geared motors were supplied for use on the full range of vertical and side-entry mixers. A 3-piece internal sealing system between motor and gearbox ensures leak-free performance of the high-speed input seal in all mounting positions.

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