

Application Profile





BK Series Geared Motors

Industrial Roll Doors

Application

Highlights

• BK Series helical bevel geared motors

- Wear sleeve and spray ensure leak-free performance
- Complies with NA and International standards, including NEMA, IEC, CSA and CE
- Low noise gearing
- IP65 Enclosure (Standard), IP66 (Optional)
- Completely enclosed, sealed against dust and moisture

Geared motors are often used on powered industrial roll door designs. These types of doors have become an increasingly popular solution to divide workspaces and limit the transfer of environmental conditions in applications including clean rooms, food processing lines and temperature or humidity-controlled areas. The doors typically feature an impact-resistant flexible curtain that is opened and closed rapidly allowing traffic to pass through quickly for increased productivity.

Bauer BK Series helical bevel geared motors are designed for demanding industrial/commercial applications including fast-acting door systems. BK models best suited for roll door use have low ratios and high output speeds with a 500 to 2000 in.lb. output torque range. Bauer units feature industry-leading gearing/motor efficiency that ensures smooth operation, rapid response and low power consumption.

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