

*The key factor for brake systems in crane and port facilities is brake power due to high hook loads*

## IP66 spring-applied brake with manual release

Cost-saving alternative for standard solutions

Spring-applied brake BFK471-25



The new high-performance braking system has been developed for use in crane systems, port facilities, ship winches, hoists, and belt conveyors. A new manual release has been designed specifically for this brake meeting the high requirements of the enclosure rating. The modular structure of the brake enables flexible use with single or dual rotor.

### Properties

- New braking system with a high performance and a sealed manual release, enclosure according to IP66
- Modular design, 750 Nm with single rotor, 1500 Nm in dual rotor design
- Can replace existing brake solutions
- High degree of Corrosion-resistant by nitrided friction surfaces and zinc-coated magnet housing
- Energy-saving control by bridge/half-wave rectifiers
- Easy air gap check in the brake by check bore holes in the housing
- Accessories, optional, also retrofittable
  - Non-contact sensor for air gap monitoring and/or wear monitoring
  - Manual release lockable