

# EDI Spring-Applied Dual-Disc Brakes

For Integration into Electric Vehicle  
In-Line Drive Systems

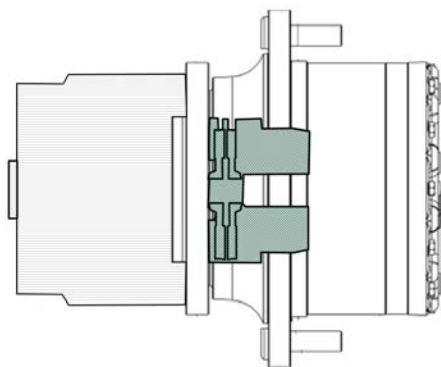
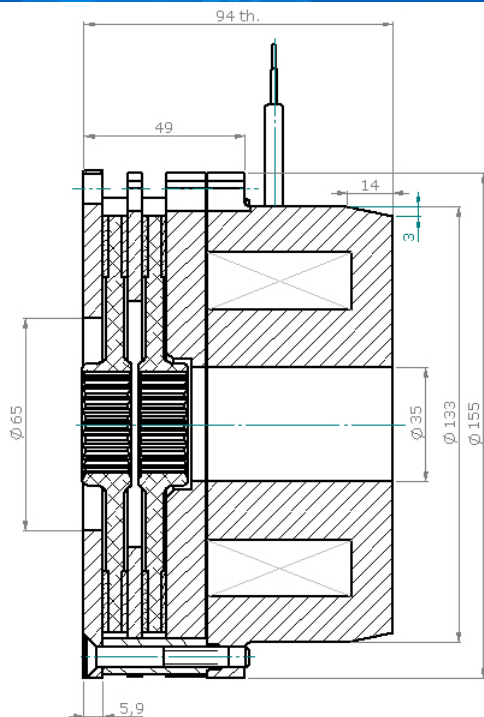
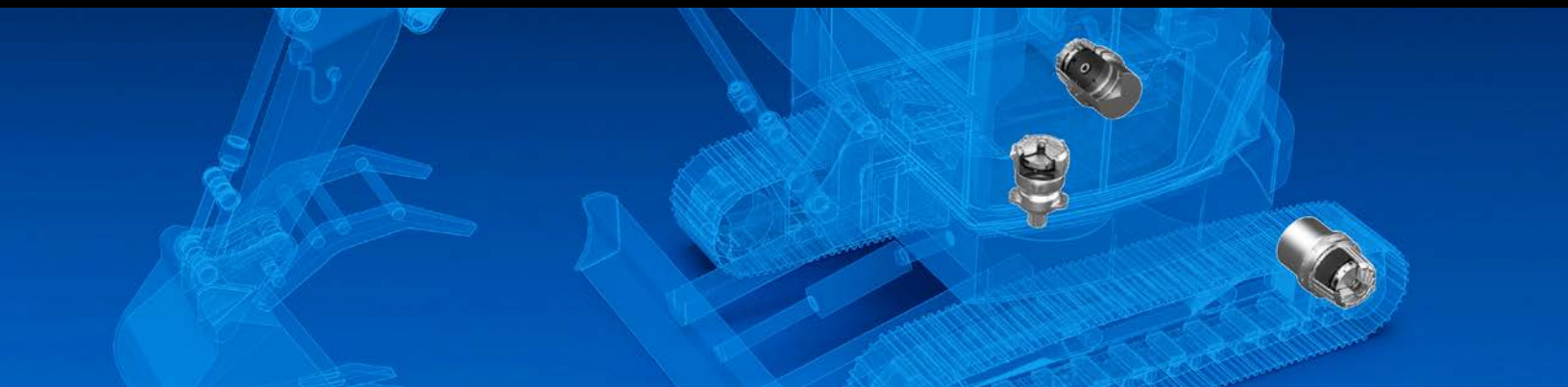
## Parking and emergency braking functionality

The EDI range is a spring-applied electromagnetic safety brake specially designed for easy integration into in-line vehicle drivetrains. Models utilize two friction discs for enhanced performance.

- High torque in reduced diameter - Torque 200Nm
- Special compact design allows the unit to fit in confined drivetrain space while providing better dynamic drive control for improved vehicle maneuverability
- Dual voltage coil controlled via PWM (Pulse Width Modulation) provides long service life with reduced power consumption
- Installed within enclosed drivetrain to prevent environmental contaminants ingress

Special friction material, designed for E-mobility applications, provides proven efficiency based on extensive prototype life-cycle testing. The select material offers the perfect balance between static torque for parking and dynamic torque for high energy service and emergency stopping over its service life.





## SPRING APPLIED BRAKES FOR ELECTRIC DRIVES

### DOUBLE DISC BRAKE (PK35 DIAMETER)

- Specially designed for integration within drivetrain
- Reduces total length of the drive assembly

### FEATURES

- One-piece design for easy assembly
- High torque in reduced diameter - Torque 200Nm
- Fully adapted design to fit inside the drivetrain
- Dual-voltage coil for power consumption reduction
- Longer battery life
- Overall lower maintenance costs
- Friction material selected for E-mobility applications
- Single-disc version is available
- WES Sensor option is also available

