

Flange Mounted Power On Brake



SG Transmission

TYPE 52

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The flange mounted power on brake, also known as a single-surface or single-disc brake, generates a braking effect when the coil is energised. The brake body is mounted on the drive and when energised (working current) with nominal voltage, the armature disc is attracted through the minimal air gap to generate a static braking effect.

This power on brake is typically used to safely stop and hold a rotating force in position. Due to the integrated, abrasion-resistant and asbestos-free brake lining, it can also be used for dynamic braking applications. The force can be regulated up to the nominal voltage by an external voltage regulator.

The durable construction of this brake means that it is essentially zero backlash (torsionally rigid) creating an increased level of safety and accuracy.

Benefits

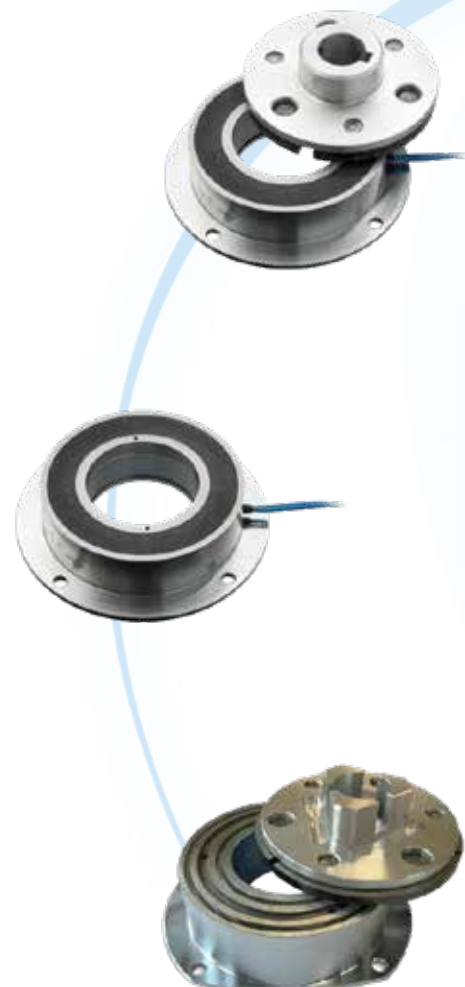
- Backlash free
- Long life expectancy
- Durable construction
- Low maintenance

Features

- Customisable
- High torque (multi pole) versions available
- Special voltages/forces/mountings available on request
- Insulation class F/H (155°C) as standard or higher on request
- Manufactured and tested to DIN VDE 0580
- Made in the UK

Key applications

- Machinery
- Material handling
- Warehouse logistics
- Military
- Security
- Medical



SIZE FIELD MOUNTING ARMATURE TYPE BORE D.C. VOLTAGE

12 - BRAKE - F.M - C.R - 25 - 24

