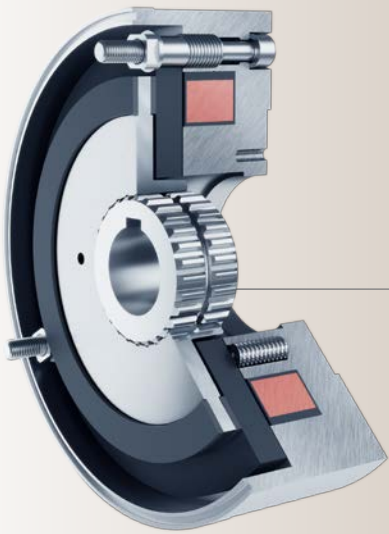


Clutches and Brakes

Stromag B2F-B

Electromagnetic Double-Face Spring-Applied Brakes



Functionally Safe in Wind and Weather

The B2F-B is a Spring-Applied Electromagnetic Double-Face Brake that brakes when powered down and releases electromagnetically.

The brake works according to the "Fail-Safe" principle.

The B2F-B brake type meets the highest demands to durability and robustness. Build and inspection of the brakes as per DIN VDE 0580. Based on the basic module, the brake offers a wide range of options for many different applications in drive technology.

With its compact design and high wear resilience, the brake guarantees for high durability.

Applications

- Holding and service brakes – construction kit
- Pitch- and yaw-drives in wind power plants
- Standard motors
- Compact industrial and crane applications

Benefits include

- Torque range 40 – 400 Nm, Protection class up to IP 65
- Modular brake optimised for applications in rough atmospheres
- Simple, concentric attachment to the drive, without separate foundation
- Safe, energy-efficient drive solution in closed design
- Low wear with low torque loss across a large temperature range
- No restoring forces by braking
- High resistance against vibrations
- Robust, reliable design with very low inertia
- Excellent heat dissipation
- Wide range of options like manual release, terminal box, standstill heater, microswitches, preparation for tachometer mounting
- Rectifiers and high-power quick switching units optimise the switching comfort

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