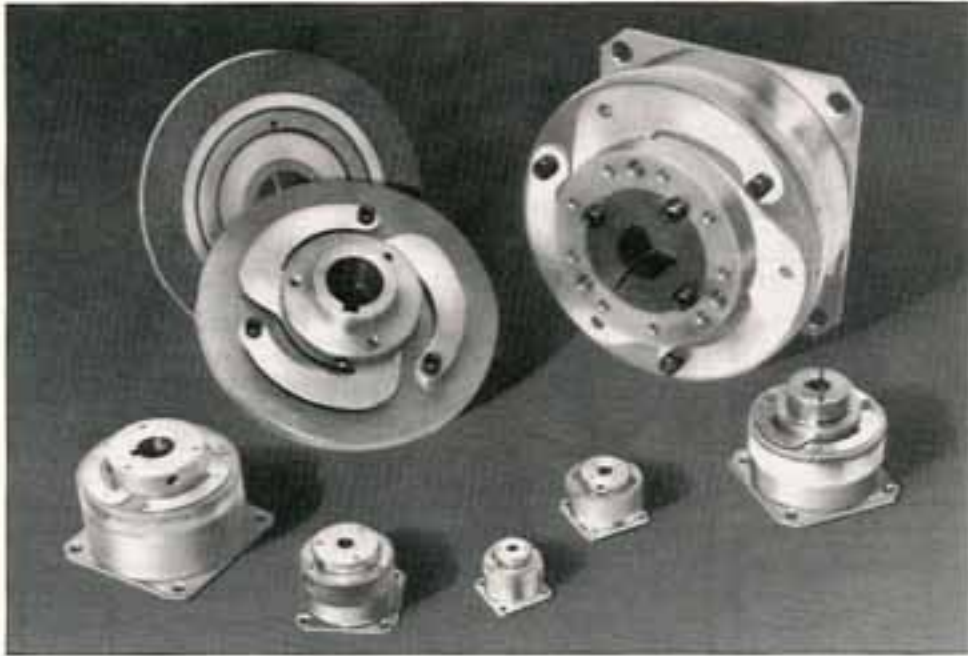


POWER-ON BRAKES

For ordering information
see page A-7.



ELECTROID'S ELECTROMAGNETIC POWER-ON BRAKES

The units illustrated on the following pages represent a full line of Electroid's standard (power-on) electromagnetic brakes. This section describes Electroid's EC-B, BEC-B and SBEC-B Series brakes, with torque capabilities from 1 in.-lb. to 10,500 in.-lbs.

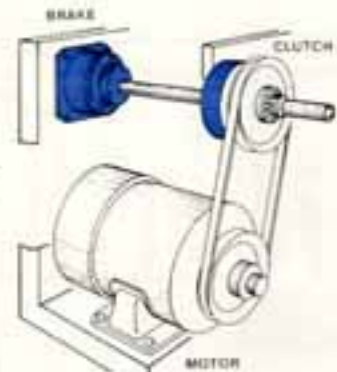
Common design features include:

- Flange mounting
- Coils are epoxy resin encapsulated (vibration and shock resistant)
- Stationary field coil (no slip rings or brushes)
- Fast response times
- Zero backlash armatures available

In addition to our standard "off the shelf" models, Electroid's Application Engineering Department is available to modify brakes to meet your specific requirements. Over the years, Electroid has developed literally thousands of customized designs for commercial, military and aerospace applications.

BRAKE:
Stops (brakes)
load when coil
is ENERGIZED...

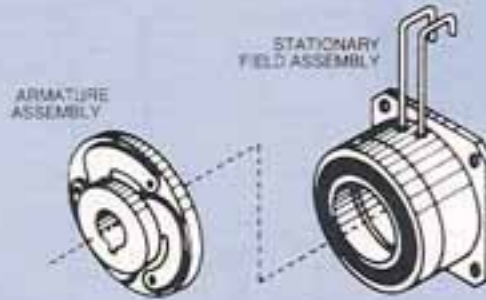
Power on – brake on.



STANDARD – POWER-ON

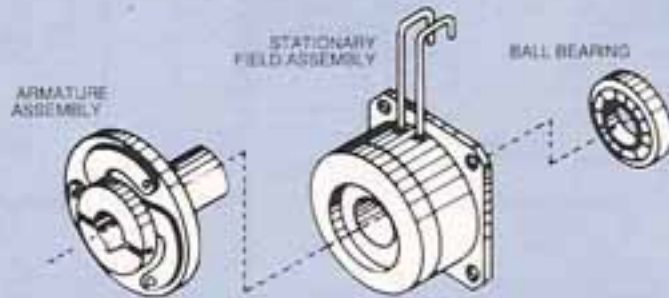
EC-B SERIES

Flange mounted to customer bulkhead. Armature assembly couples directly to driven shaft. Energizing coil stops (brakes) the load.



BEC-B SERIES

Available ball bearings enable unit to have armature assembly integral with field coil-stator assembly. Armature assembly couples directly to driven shaft. Energizing coil stops (brakes) load.



SBEC-B

Flange mounted to customer bulkhead with sleeve bearing supported field coil assembly. Integral armature assembly couples directly to driven shaft. Energizing coil stops (brakes) load.

