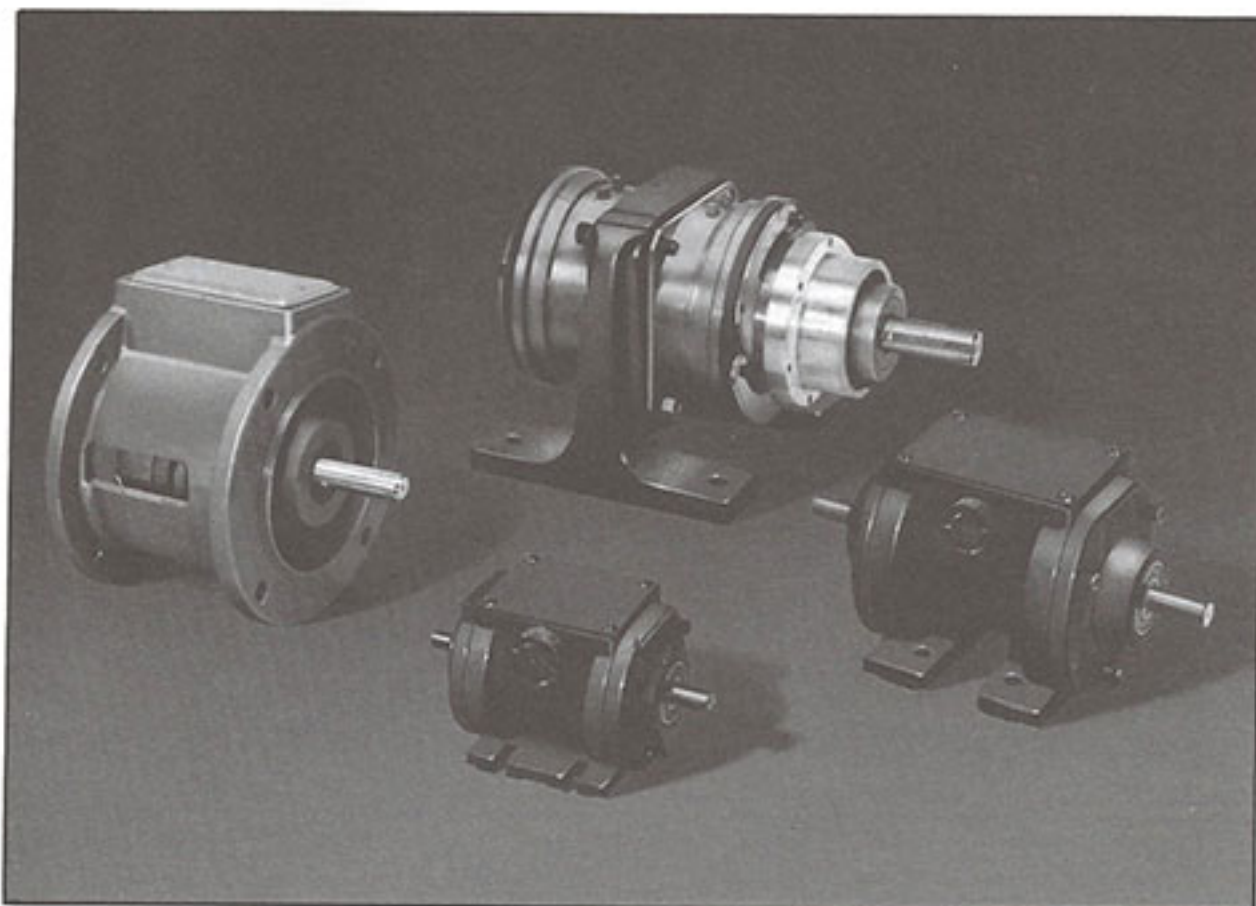


CLUTCH/BRAKE MODULES

For ordering information
see page A-7.

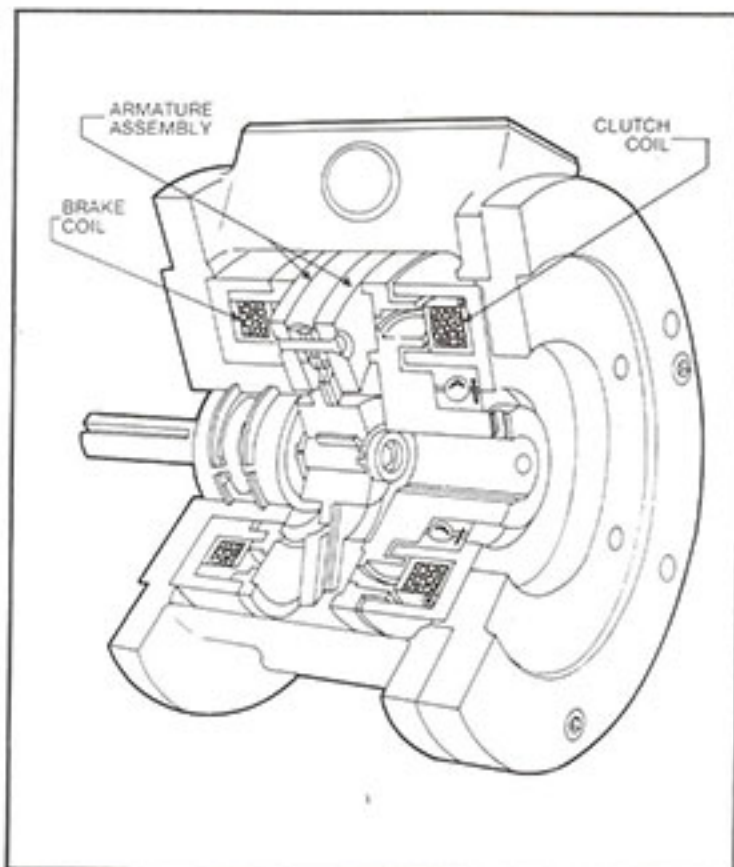


This section features a wide variety of pre-assembled rotary motion control packages that are especially designed to provide an easy interface between a prime mover (motor) and its load.

While these clutch/brake modules may differ in their performance characteristics and mounting configurations, all of them offer these common key design features.

- Zero backlash armature with spring release
- Precision sealed ball bearings
- Stationary field coil - no slip rings or brushes
- Fast response time

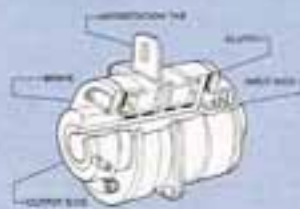
In addition to the off-the-shelf models, Electroid offers our in-depth engineering capability to design or modify clutch/brake modules to meet special requirements. Over the years, our company has designed, developed, and produced, in quantity, a wide variety of "specials" that later proved themselves in a spectrum of applications ranging from commercial to military and aerospace.



CLUTCH/BRAKE MODULES

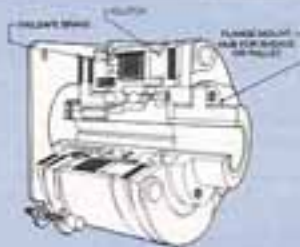
UCB SERIES

This open construction unitized package incorporates a standard brake and a clutch for parallel shaft applications, or standard brake and clutch/coupling for in-line shaft applications.



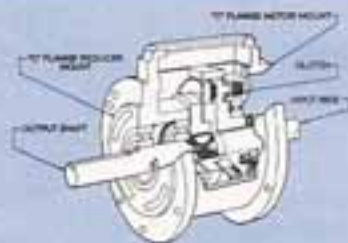
CSB SERIES

The design of this integral clutch/brake assembly uses a single coil to accomplish both clutching and braking. Functionally, this module performs as a clutch or clutch/coupling.



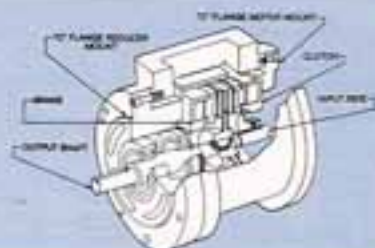
CCF SERIES

An enclosed clutch only module, or brake only module. The units are designed to be mounted between "C" flange motor and "C" flange reducer.



CCF-CB SERIES

Enclosed standard brake/clutch module. Double "C" flange mounting construction for an easy interface between "C" flange motor and "C" flange speed reducer. Also available in a Failsafe Brake version.



PCB SERIES

This open construction, foot mounted module offers an option to have "input" and "output" on the same side of the module. Standard brake and clutch are used for braking and load actuation.



CB/MCB/CFSB SERIES

The CB Series is an enclosed, foot mounted, pre-assembled module, combining a clutch and a standard brake with input and output shafts.

The MCB Series is an enclosed standard brake/clutch module with "C" flange input and a shaft output. Foot mount support is provided for greater rigidity. The CFSB Series, uses a failsafe brake instead of a standard brake. To drive the load, both coils have to be energized. Braking occurs upon de-energization of brake and clutch coils.

