

Power-On Clutch Couplings



Valcor Engineering Corporation

DESCRIPTION

Power-On Clutch Couplings control the rotary motion from a motor to an inline output shaft. Clutches are typically energized by a manual switch closure, relay operated by a process controller, or other automated process management or control system. Valcor's line of shaft-mounted electromagnetic Clutch Couplings offer a variety of torque ratings and consists of four product groups featuring different shaft support mounting arrangements. Valcor offers custom designed solutions for any clutch coupling application.

APPLICATION

Power-On Clutch Coupling applications include:

- Factory Automation
- Aircraft Systems
- Business Machines
- Printing equipment including 3D printers, copiers, and printing presses
- Packaging equipment
- Conveyor Systems

FEATURES

- Zero backlash armature with spring release
- Flange or tab-mounted versions available
- Precision sleeve or ball bearing supported mounts available
- Stationary field coil – no slip rings or brushes
- Vibration-Proof epoxy resin encapsulated field coil
- Fast Response Time



Contact us today to see how we can help on your next project.

Valcor Engineering Corporation
2 Lawrence Road | Springfield, NJ 07081
(973) 467-8400 | motioncontrol@valcor.com
www.valcor.com

Valcor specializes in custom designs. Below are just a few examples of styles we have created in the past for our customers.

AVAILABLE STYLES

Series	Style
EC	Flange Mounted with Ball Bearings for Shaft Support
ECA	Flange Mounted without Bearings for Shaft Support
BEC	Ball Bearing Tab Mount
SBEC	Sleeve Bearing Mounted Rotor Assembly