

# Power-On Clutches



Valcor Engineering Corporation

## DESCRIPTION

Power-On Clutches transmit the rotary motion from a motor to a parallel shaft when energized using pulleys, sheaves, sprockets or gears to transmit the rotary force. 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 power-on clutches offer a variety of torque ratings and consists of five product groups featuring different mounting arrangements. Valcor offers custom designed solutions for any electromagnetic clutch application.

## APPLICATION

Power-On Clutch applications include:

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

## FEATURES

- Zero backlash armature with spring release
- Precision sleeve or ball bearings
- 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.

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Valcor specializes in custom designs. Below are just a few examples of solutions 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 Bearing Shaft Support
BEC	Ball Bearing Mounted Rotor Assembly
SBEC	Sleeve Bearing Mounted Rotor Assembly
SEC	Ball Bearing Mounted Armature and Rotor Assembly