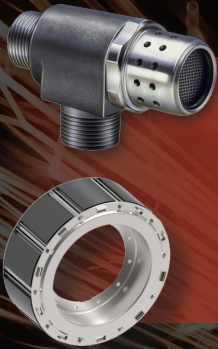


Problem Solvers Since 1732

THE  
**ROWLAND**  
COMPANY

## INDUSTRIES

Oil and Gas  
Mining and Cement  
Marine  
Can Making  
Pulp and Paper  
Metalworking  
Logging



**Manufacturer  
of the Original  
Fawick Clutch**



**Danfoss**  
**AIRFLEX**

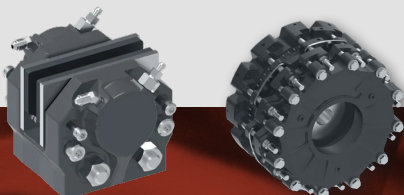
The Rowland Company is a Premier Distributor and Rebuilding Partner of the **Danfoss Airflex** Line of Products

## APPLICATIONS

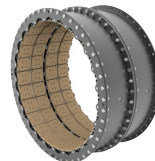
Grinding Mills  
Marine Propulsion  
Tension Brakes  
Conveyors  
Punching Machines  
Draglines

## Authorized Rebuild Center

- ✓ Water Cooled Brakes
- ✓ VC Clutches and Brakes
- ✓ Quick Release Valves



## Drum Clutches and Brakes



### Constricting

These elements can be used as either a clutch or brake. They're self-adjusting. **Models: CB, VC, CM**

### Expanding

Primarily used as slip clutches or tension brakes. **Models: E, VE, EB, ER**

### Spring Applied

Brakes automatically engage in the event of air pressure loss. Suited for cyclic applications like can making. **Models: CS, CTE**

## Disc Brakes



### Water Cooled

Designed for high horsepower absorption found in continuous slip and emergency stopping applications. **Models: WCB, WCBD, WCS, WCSB**

### Air Cooled

Featuring favorable torque-to-size ratios and low-inertia friction disc assemblies. **Models: DBA, DB, DC, FHB**

### Caliper Disc Brakes

Modular design allows flexibility. **Models: 225DP, DPA, ACB-F3**

## Clutch and Brake Accessories



### Rotorseals

Transfer pressurized fluids from a stationary inlet to a rotating shaft end. Can be used for control of components, lubrication, and circulation of fluid systems.

### Quick Release Valves (QRV)

Automatically close upon pressurization and open when a pressure drop occurs, reducing lag time to exhaust the system.

### Electronic Slip Detection Controls

Detect slippage during operation. Can be used to abort a startup if excessive slip is detected.

## Combination Clutch/Brake



Packages are available to suit a variety of speeds, engagements, and cycle types.

## Torque Limiting Couplings (TLC)



Airflex's latest solution for driveline protection is designed to withstand torque spikes like those caused by variable frequency drives (VFD) in mills.

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