



CLUTCHES & BRAKES

Featuring Oil Shear Technology

Made in the
USA



Stock or Shorter Lead Times for:

- Electric Motor Brakes
- Pneumatic Motor Brakes
- Pneumatic Coupler Brakes
- Pneumatic Clutch/Brakes
- 3-Phase AC Motors
 - ABB - Baldor
 - Marathon
- Tension Brakes
- Dynamometer Load Brakes



- Maintenance-Free
- No Adjustment
- Zero Downtime

American made clutches and brakes are ideal for heavy movable structures, bridges, cranes and military applications.



LONG LASTING – SEVERE DUTY CLUTCHES & BRAKES
Years of Maintenance-Free Service

**MADE IN THE USA
USED WORLDWIDE**

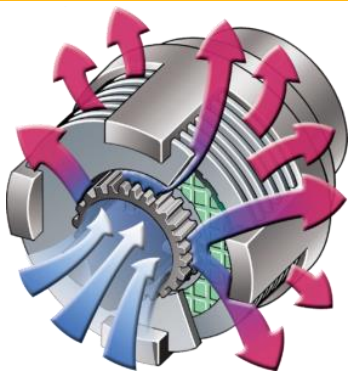
www.forcecontrol.com



Force Control Industries, Inc.

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Innovative Oil Shear Technology

Increases Life, Reduces Maintenance, Eliminates Adjustment & Decreases Downtime

The principle of **Oil Shear Technology** is to transmit torque through the phenomena of transmission fluid in shear between the multiple friction discs and drive plates. This significantly reduces the wear of friction material, and re-circulating the fluid removes the heat of engagement, dissipating it through the housing or other outside components. This can increase service life up to 10 times that of conventional dry clutches or brakes allowing for higher loads, and increased cycle rates. The reduced maintenance and adjustment required increases production while reducing maintenance cost.

MagnaShear Electric Motor Brakes



- Spring Set; Electric Release (115 or 230VAC)
- Torque Range: 6 - 1,250 LB-FT
- NEMA Frames: 56C - 440T
- Marine, Washdown & Hazardous Duty

Designed for heavy duty dynamic & static braking applications

Posidyne Pneumatic/Hydraulic Clutch Brakes



- Multiple Control Logics & Cooling Options
- Torque Range: 518 - 80,000 LB-IN
- NEMA Frames: 56C - 365T
- Marine, Washdown & Hazardous Duty

Designed for heavy duty, high cycle indexing applications

MagnaShear Assembled Brake Motors



- Spring Set; Electric Release (115 or 230VAC)
- Torque Range: 6 - 1,250 LB-FT
- NEMA Frames: 56C - 440T
- Marine, Washdown & Hazardous Duty

Stocking 1-7.5HP complete brake motor assemblies for quick, easy installations

X-Class Posidyne Pneumatic Clutch Brakes



- Spring or Pressure Set Clutch and Brake
- Torque Range: 110 - 1,000 LB-IN
- NEMA Frames: 56C - 215T
- Marine, Washdown & Hazardous Duty

Value engineered for OEMs offering over 40 million trouble-free cycles

X-Class Posistop Pneumatic Motor & Coupler Brakes



- Spring or Pressure Set Brake
- Torque Range: 4 - 300 LB-FT
- NEMA Frames: 56C - 286T
- Marine, Washdown & Hazardous Duty

Value engineered for OEMs offering over 40 million trouble-free cycles

Posistop Pneumatic/Hydraulic Brakes



- Multiple Control Logics & Cooling Options
- Torque Range: 2 - 4,152 LB-IN
- NEMA Frames: 56C - 440T
- Marine, Washdown & Hazardous Duty

Designed for severe, heavy duty braking applications with high cycle rates

Posistop Pneumatic/Hydraulic Foot Mounted Brakes



- Spring or Pressure Set Brake
- Torque Range: 50 - 2,076 LB-FT
- Foot Mounted
- Marine, Washdown & Hazardous Duty

Designed for heavy duty braking applications in harsh environments

Positorq Dynamometer Load Absorber Brakes



- Pneumatic or Hydraulic Actuation
- Continuous Slip Torque up to 300,000 LB-FT
- Variety of Mounting Options
- No chatter down to zero RPM

Designed for High-Torque, Low-Speed testing applications

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