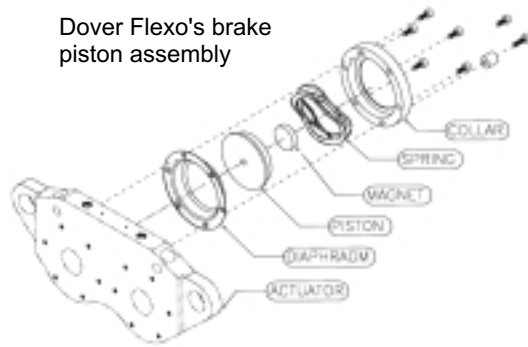
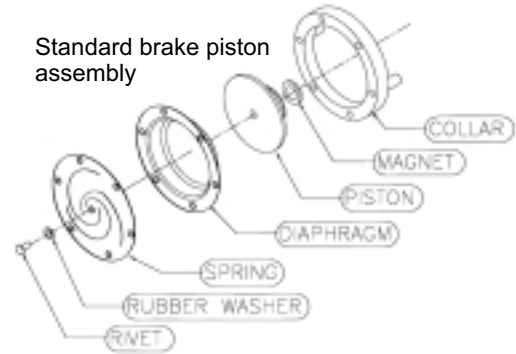


UA™ BRAKE ACTUATOR BRINGS BIG BENEFITS

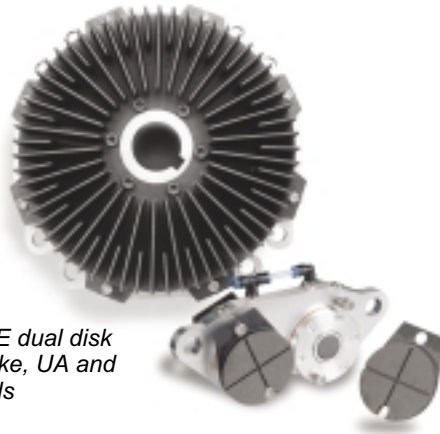


Dover Flexo's brake piston assembly



Standard brake piston assembly

Maintenance teams at paper mills, printers, and converters around North America are taking notice of the benefits of Dover Flexo's advanced **Universal Actuator™ (UA)** design for pneumatic disk brakes.



DFE dual disk brake, UA and pads

DFE's **Universal Actuators** and Actuator Assemblies are covered by DFE's Tension-Free 5-YEAR WARRANTY and offer these benefits:

- **Zero-maintenance piston design.** The piston diaphragms are sealed from contact with the actuator spring. This feature, in conjunction with DFE's limited travel piston, has eliminated the possibility of a punctured or ruptured diaphragm. The limited-travel pistons also *prevent disk scoring*.
- **'Quick-Change' release locks** allow worn friction pads to be changed out in seconds without tools. The machine operator can do this himself. That means *one less hassle for maintenance personnel, and downtime for pad changes is eliminated*.
- **Affordable upgrade.** Replacing an existing non-DFE actuator assembly with DFE's user-friendly alternative is more efficient and *less expensive than replacing an entire brake*. Savings are substantial if upgrading multiple unwinds.

With maintenance teams running short-staffed and pressured to accomplish more with less, many don't have the time to deal with the problems of standard brake actuators installed on their machine unwind stands:

1. The sharp-edged springs in the piston assemblies are puncturing the rubber diaphragms over time; **The schematics above show a comparison of piston assemblies between DFE and the leading competitor.**
2. Actuator disassembly is complicated and time-consuming if access for repair is needed;
3. Replacement of worn friction pads requires partial actuator disassembly and therefore the attention of a maintenance technician.

Fortunately, DFE's cost-saving **Universal Actuator™ Assembly Upgrade Program** is an innovative cure for the aggravation brought by the older-style brake actuators.



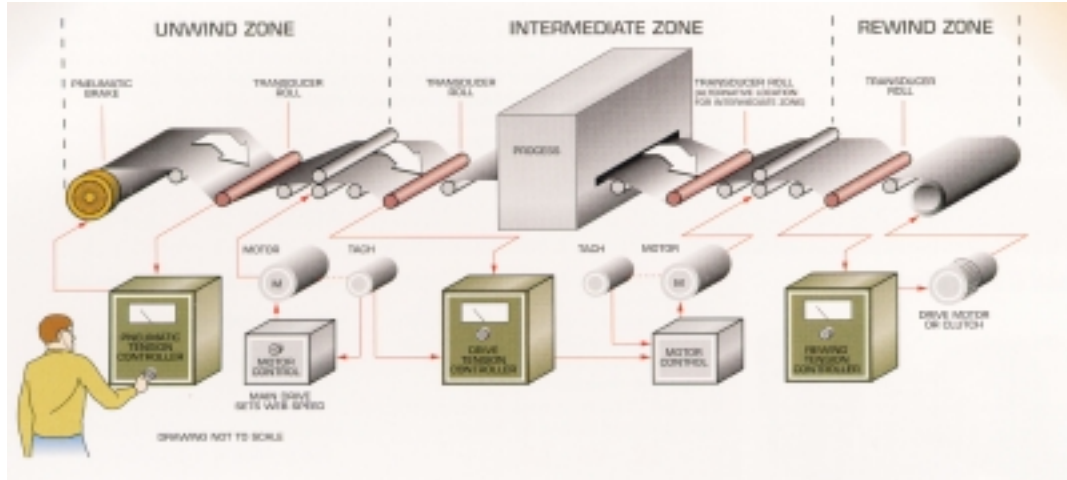
DFE Universal Actuator™ Assembly for 130 Series brake

436pbUApiston



INFO REQUEST

www.dfe.com controlling process tension



Stable tension control compensates for process deviations that cause web and roll defects. It's a fact. Dover Flexo tension measurement components or a closed loop control system can be integrated smoothly into your press' web path in only the tension zones that need them.

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**"Improving Web-Processes with
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Please send:

- Product Guide (14 page overview)
- DFE catalog (80 page 3-ring binder with complete product specs)
- CD ROM with product CAD library
- Tension Transducer data sheets
- Indicator/Transducer interface data sheets
- Tension Controller data sheets
- Pneumatic Brakes Catalog
- Application Note/Case History on: _____
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