Section 6
Foot Mounted Posistop Brakes

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Worldwide Leader In Oil Shear Technology
The Foot Mounted Posistop Brake is similar in design to the Posidyne Clutch/Brake incorporating many of the same features including multiple friction surfaces, lubrication and cooling by recirculating fluid. Six sizes are available with torque ratings up to 1800 Lb.Ft. There are three control logics to select from:

**S = Air Set Brake / Spring Release**

**A = Medium Spring Set Brake / Air Release**

**B = Heavy Spring Set Brake / Air Release**

The spring set units are preset at the factory and are not adjustable. The air set units are adjustable over the full range.

"FS" Model Shown. "FA" and "FB" Models have springs on opposite side of piston.
**Foot Mounted Posistop Specifications**

To select the proper Foot Mounted Posistop Brake, the desired control logic should first be determined. The static and dynamic torque ratings for that logic are then used for selection purposes.

<table>
<thead>
<tr>
<th>Size</th>
<th>Logic</th>
<th>Brake Torque (Lb.Ft.)</th>
<th>Max. RPM</th>
<th>Thermal Ratings</th>
<th>Air Volume per Engmt. (Cu. In.)</th>
<th>Inertia Cyclic Parts (Lb.Ft.²)</th>
<th>Weight (Lbs.)</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Spring Set</td>
<td>Dynamic</td>
<td>Static</td>
<td>Dynamic</td>
<td>Max Air Pr</td>
<td>Basic</td>
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<tr>
<td>03</td>
<td>S</td>
<td>127</td>
<td>108</td>
<td>60 PSI</td>
<td>3600</td>
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</table>
Foot Mounted Posistop Dimensions (Inches)

How to Order Your Foot Mounted Posistop

The Foot Mounted Posistop Ordering System has been developed to simplify the ordering process and to reduce any misunderstanding and costly errors. To correctly order a Foot Mounted Posistop it is necessary to determine the following information: Logic, Size, Type, Mounting Position and Cooling Options and Control Valve. Just use the Ordering System Chart below to develop the proper Ordering Number.

Example: FB-05-S-1-H-1 / ______

See Section 10 for Ordering Number. Use N if no valve is ordered.

Dimensions are subject to change without notice. Certified Installation Drawings are available upon request.