


# ORDERING GUIDE FOR THE ELIMINATOR SP ACTUATOR

## Ordering Information

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<b>Base No. (Capacity)</b> <b>SP201</b> (1,000 lbf) <b>SP302</b> (2,000 lbf) <b>SP304</b> (4,000 lbf) <b>SP404</b> (4,000 lbf) <b>SP406</b> (6,000 lbf) <b>SP508</b> (8,000 lbf) <b>SP516</b> (16,000 lbf) <b>SP618</b> (18,000 lbf) <b>SP625</b> (25,000 lbf)	<b>Unit Mounting Option</b> <b>MB:</b> Bottom Mount <b>FF:</b> Front Flange <b>MF:</b> Foot Mount <b>TF:</b> Front Trunnion	<b>Motor Position</b> 1, 2, 3, 4 0 = In-Line 	<b>Precision/Lead Accuracy***</b> <b>A:</b> .002 in/ft Zero Backlash <b>B:</b> .0005 in/ft Zero Backlash <b>X:</b> Standard
<b>Std. Stroke Length*</b> <b>06:</b> 6 in. <b>12:</b> 12 in. <b>18:</b> 18 in. <b>24:</b> 24 in. <b>30:</b> 30 in. <b>36:</b> 36 in. <b>42:</b> 42 in. <b>48:</b> 48 in.	<b>Rod End Option ****</b> <b>E:</b> Female Eye <b>F:</b> Female Thread <b>A:</b> Self-Aligning Coupler** <b>M:</b> Male Thread <b>S:</b> Spherical Rod Eye	<b>Gearbelt Reduction</b> <b>00:</b> In-Line/Direct Coupled <b>10:</b> 1:1 <b>20:</b> 2:1	<b>N.C. Switch Qty ****</b> 0, 1, 2, 3, etc.
	<b>Configuration</b> <b>L:</b> In-Line <b>U:</b> Parallel Offset	<b>Switch Type</b> <b>A:</b> Hall Sourcing PNP <b>B:</b> Hall Sinking NPN <b>C:</b> Reed <b>X:</b> No Switches	<b>N.O. Switch Qty ****</b> 0, 1, 2, 3, etc.

For custom stroke lengths, contact Joyce/Dayton.

**\* Standard Stroke Lengths**

- SP201 stroke lengths up to 12 in.
- SP302 – SP304 stroke lengths up to 36 in.
- SP404 – SP406 stroke lengths up to 42 in.
- SP508 – SP740 stroke lengths up to 48 in.

**\*\* Self-Aligning Coupler**

Not available for SP625

**\*\*\* Precision/Lead Accuracy**

- SP201 – 0.0005 in/ft, Zero Backlash is standard
- SP302, SP404 – Zero Backlash not available

**\*\*\*\* IP69K Exceptions**

Self-Aligning Coupler and Spherical Rod Ends not rated  
 Sealed Limit Switches, IP65 rated