

# Data sheet

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## EL-O-MATIC BASIC PNEUMATIC ACTUATOR CONFIGURATION

E/P

	<b>Single or Double action</b> <b>ES or PS</b> = Single acting, <b>ED or PD</b> = Double acting
	<b>Actuator size</b> E-series <b>0012</b> = E12 <b>0025</b> = E25 <b>0040</b> = E40 <b>0065</b> = E65 <b>0100</b> = E100 <b>0150</b> = E150 <b>0200</b> = E200 <b>0350</b> = E 350 <b>0600</b> = E600 <b>0950</b> = E950 <b>1600</b> = E1600 P-series <b>2500</b> = P2500 <b>4000</b> = P4000
	<b>Valve flange</b> Metric    Metric    UNC/NPT <b>Finish</b> ISO 5211    DIN 3337    ISO 5211 <b>M =</b> <b>D =</b> <b>U =</b> Standard <b>N =</b> <b>E =</b> <b>V =</b> CSR coating <sup>(2)</sup> + Aluminium pinion <b>O =</b> <b>F =</b> <b>W =</b> CSR coating <sup>(2)</sup> + Stainless Steel pinion <sup>(3)</sup>
	<b>Limit stops</b> <b>0</b> = No limit stops <b>1</b> = L1 One way limit stops <b>2</b> = Double Stroke Adjustment Standard on P-series                            Standard on E-Series                            Standard on DSA-Series
	<b>Assembly code</b> Code    Action                            Rotation                            Mounting <b>A =</b> Spring to close                            clock wise                            in line with pipeline <b>B =</b> Spring to close                            clock wise                            across pipeline <b>C =</b> Spring to open                            counter clock wise                            across pipeline <b>D =</b> Spring to open                            counter clock wise                            in line with pipeline
	<b>Spring set E-series</b> <b>00</b> = Double acting actuator <b>01</b> = Springset 1 <b>04</b> = Springset 4 <b>02</b> = Springset 2 <b>05</b> = Springset 5 <b>03</b> = Springset 3 <b>06</b> = Springset 6
	<b>Spring set P-series</b> <b>00</b> = Double acting actuator <b>04</b> = Springset 4 <b>10</b> = Springset 10 <b>06</b> = Springset 6 <b>12</b> = Springset 12 <b>08</b> = Springset 8 <b>14</b> = Springset 14
	<b>Future expansion</b> <b>A</b> = Standard
	<b>Default Insert</b> Size (in mm.) <sup>(1)</sup> E12    E25    E40    E65    E100    E150    E200    E 350    E600    E950    E1600    P2500    P4000 - ISO or UNC            00    11    14    14    19    19    22    27    27    36    46    00    00 - DIN                     00    11    14    14    17    17    22    22    27    36    46    00    00
	<b>Visual Indication Code</b> <b>D</b> = Disk <b>K</b> = Knob <b>N</b> = No visual indication
<b>Temperature range</b> <b>0</b> = Standard    TS: 80°C (176°F) -20°C (-4°F) <b>1</b> = High temp    TS: 120°C (248°F) -20°C (-4°F) <b>2</b> = Low temp    TS: 80°C (176°F) -40°C (-40°F)	

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See following data sheets for more information

1.104.01 / 1.104.02

1.103.106 / 1.103.073 /  
1.103.102 / 1.103.103  
1.101.30 / 1.101.33 /  
4.204.01

1.501.01/  
1.501.05

1.503/  
1.504

1.104.02

1.103.073  
1.103.106  
1.103.120

1.101.70 / 1.101.71

<sup>(1)</sup> Actuators E12, P2500 and P4000 have no inserts. They have have a inner square the shaft  
180° actuators are not covered by this configuration matrix.

<sup>(2)</sup> CSR Coating not possible in combination with Double Stroke Adjustment limit stops (DSA series).

<sup>(3)</sup> Stainless Steel Pinion not possible in combination with Double Stroke Adjustment limit stops (DSA series).



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Updated data sheets can be obtained from our website [www.El-O-matic.com](http://www.El-O-matic.com) or from your nearest Valve Automation Center **USA**: +1 813 319 0266 **Europe**: +31 74 256 10 10 **Asia-Pacific**: +65 6501 4600



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