

Data sheet

Sheet No.: 1.102.10 Rev. D

Date: January 2012

EL-O-MATIC BASIC PNEUMATIC ACTUATOR CONFIGURATION

E/P

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
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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

Single or Double action

ES or PS = Single acting, ED or PD = Double acting

Actuator size

E-Series

0012 = E12 0025 = E25 0040 = E40 0065 = E65 0100 = E100 0150 = E150

0200 = E200 0350 = E 350 0600 = E600 0950 = E950 1600 = E1600

P-Series

2500 = P2500 4000 = P4000

Valve flange

Metric	Metric	UNC/NPT	Finish
ISO 5211	DIN 3337	ISO 5211	

M = D = U = Standard

N = E = V = CSR coating ⁽²⁾ + Aluminium pinion

O = F = W = CSR coating ⁽²⁾ + Stainless Steel pinion ⁽³⁾

Limit stops

0 = No limit stops
Standard on P-Series

1 = L1 One way limit stops
Standard on E-Series

2 = Double Stroke Adjustment
Standard on DSA-Series

Assembly code

Code	Action	Rotation	Mounting
A =	Spring to close	clock wise	in line with pipeline
B =	Spring to close	clock wise	across pipeline
C =	Spring to open	counter clock wise	across pipeline
D =	Spring to open	counter clock wise	in line with pipeline

Spring set E-Series

00 = Double acting actuator

01 = Springset 1

02 = Springset 2

03 = Springset 3

04 = Springset 4

05 = Springset 5

06 = Springset 6

Spring set P-Series

00 = Double acting actuator

04 = Springset 4

06 = Springset 6

08 = Springset 8

10 = Springset 10

12 = Springset 12

14 = Springset 14

Future expansion

A = Standard

Default Insert

Size (in mm.) ⁽¹⁾	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

Visual Indication Code

D = Disk

K = Knob

N = No visual indication

Temperature range

0 = Standard TS: 80°C (176°F) -20°C (-4°F)

1 = High temp TS: 120°C (248°F) -20°C (-4°F)

2 = Low temp TS: 80°C (176°F) -40°C (-40°F)

ES 0040.M 1 A 05 A.14 N 1

⁽¹⁾ 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.

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

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



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