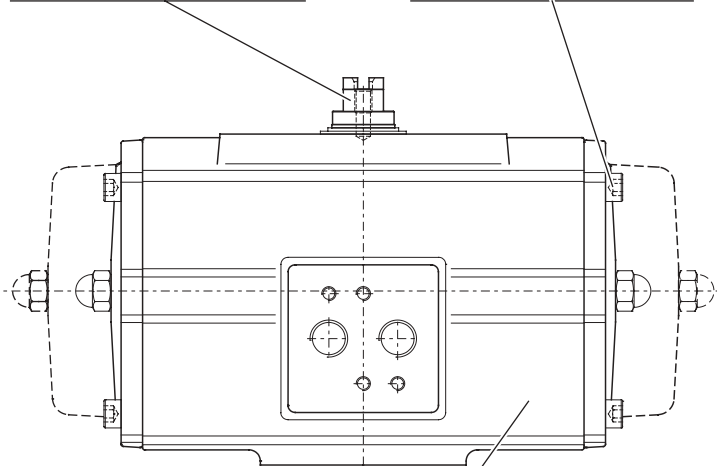


**High grade aluminum alloy,
hard anodized**
(Option : stainless steel)

Stainless steel fasteners



Powder coating:
Polyester non-TGIC based powder
coating for exterior use.

Description:

The corrosion protection system of standard EL-O-Matic E&P series pneumatic actuators consist of the following treatments or materials:

1 De-greasing.

All aluminum parts are de-greased before the powder coating is applied by washing with an alkaline solution to assure the best bonding between the aluminum surface and the coating.

2 Powder coating.

- Polyester non-TGIC based powder coating for exterior use.
- The powder coating is applied cold using automatic electrostatic spray equipment and is cured at minimum 190°C (374°F) offering excellent anti color fade and weather resistance.
- The powder coating thickness is 1.5 mm (37 microns) minimum, and 2 mm (50 microns) average.
- Good resistance against most chemical bases, acids, solvents, alkalis and oils at normal temperatures.
- Excellent exterior mechanical durability.
- The coating has passed a salt spray test according to ASTM B117 for 500 hours.
The powder coating is virtually solvent free, and therefore environmentally friendly.

3 High grade & hard anodized aluminum pinion.

Actuators with high grade & hard anodized aluminum pinions, passed a 500 hours salt spray test. Optional stainless steel pinions are available for a higher corrosion resistance.

4 Stainless steel or Deltatone treated external steel parts.

External parts are stainless steel or steel alloy with a Deltatone[®] treatment

Technical data:

- Coating : Polyester non-TGIC based powder coating
- Salt spray test : DIN 50021 / ASTM B117: 500h.
- Max. temperature : -20° to + 80°C
- Color : Yellow (RAL 1007)
- Materials : Housing : Aluminum alloy
- : Pinion : High grade aluminum alloy, hard anodized
(Option : Stainless steel)
- : Fasteners : Stainless steel or alloy steel with Deltatone[®] treatment
- : Tagplate : Stainless steel
- Application : Standard EL-O-MATIC E & P series pneumatic actuators.
For Non-Standard actuators, see data sheet 4.204.05
- Option : CSR coating for excellent corrosion resistance. See data sheet 4.204.02.