

## Actuator General Specification

### Materials of Construction:

#### Casing:

Models 0M0, 01, 02, & 03 - Pressure die cast ZL16 zinc alloy.

Models 05, 07, 08, 09, 10, 12, 14, 15, 16, 18, 21, 30 & 60 - Die cast or sand cast aluminium alloy.

#### Vane & Output Shaft:

Models 0M0, 01, 02, 03 and 05 - Stainless steel.

Models 07 to 60 - SG iron, zinc plated.

**Shaft bushes:** PTFE coated bronze (lead free).

**Seals:** Moulded polyurethane.

High and low temperature seals also available - contact Kinetrol.

**Seal expanders:** Stainless spring steel.

**Couplings:** Weldable mild steel, zinc plated.

### Working temperature range:

**Standard:** -40°C (-40°F) to +80°C (176°F).

**High temperature option:** -20°C (-4°F) to +100°C (212°F) using temperature seals for higher temperatures with special equipment - contact Kinetrol.

If consulted Kinetrol may, under certain circumstances/conditions, be prepared to extend its high temperature limits

**Low temperature option:** -54°C (-65°F) to +60°C (140°F) using temperature seals include option "W" at end of actuator coding.

**Maximum recommended working pressure:** 100 psi (7 bar)

**Maximum overload pressure:** 150 psi (10 bar)

### Certification

