

# Kinetrol Actuator General Specification

## Materials of Construction

### Casing:

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

Models 03, 05, 07, 08, 09, 10, 12, 14, 15, 16, 18, 21, 30, 40 & 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 to +80°C (-40°F to +176°F).

**High temperature option:** -20°C to +100°C (-4°F to +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 to +60°C (-65°F to +140°F) using temperature seals include option "W" at end of actuator coding.

## Maximum Pressure

**Maximum recommended working pressure:** 7 bar / 100 psi

**Maximum overload pressure:** 10 bar / 150 psi

## Certification

