

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 & 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

