

# Kinetrol Model 60 Double Acting Actuator

## Specification

### Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

### Displaced Volume

94500 cm<sup>3</sup> / 5762 in<sup>3</sup>

### Materials of Construction

**Casing:** Sand cast aluminium alloy

**Vane & Output Shaft:** SG iron, zinc plated

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

**Seals:** Moulded polyurethane

**Seal expanders:** Stainless spring steel

### Finish

Epoxy thermoset powder

### Weight

475.0 kg / 1047.2 lb (excluding coupling)

### Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Category 2

## Double Acting Torques

### Metric Units - Nm

Actuator Model	Pressure (bar)											
	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
60-100	8345	11106	14041	16680	19673	22806	25680	28870	31995	34909	37818	40765

### English Units - lbf ins

Actuator Model	Pressure (psi)								
	20	30	40	50	60	70	80	90	100
60-100	67602	102031	135487	173262	208807	245953	283879	319645	356977

## Options

- ☐ Fail safe spring return units
  - clockwise or counter clockwise
- ☐ Limit switch boxes for open/closed indication
  - various switches including hazardous area
- ☐ AP pneumatic positioner - full range of options
- ☐ EL electropneumatic positioner - full range of options

# Kinetrol Model 60 Double Acting Actuator

## Product Code

## Air Ports

## Mount Holes

604-100

G2

8 x M30 x 80 deep on 356 PCD  
4 x M5 x 8 deep

607-100

2 NPT

8 x 1 $\frac{1}{8}$ -7 UNC x 3.15" deep on 14.02" PCD  
4 x 10-24 UNC x 0.31" deep

## Dimensions

