

# Kinetrol Model 10 Double Acting Actuator

## Specification

### Angle of Travel (adjustable)

78° - 100°

(restricted travel versions available)

### Displaced Volume

1025 cm<sup>3</sup> / 62.5 in<sup>3</sup>

### Materials of Construction

**Casing:** Pressure die 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

5.4 kg / 11.9 lb (no 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
10-100	80	111	141	172	202	232	263	294	325	355	385	416

### English Units - lbf ins

Actuator Model	Pressure (psi)								
	20	30	40	50	60	70	80	90	100
10-100	640	1020	1390	1760	2130	2500	2880	3250	3625

## Options

- ☐ Fail safe spring return units
  - clockwise or counter clockwise
- ☐ Limit switch boxes for open/closed indication
  - various switches including hazardous area
- ☐ Integral solenoid valve
- ☐ AP pneumatic positioner - full range of options
- ☐ EL electropneumatic positioner - full range of options
- ☐ P3 on/off positioner - full range of options including hazardous area
- ☐ Clear Cone monitor
- ☐ Geared manual override
- ☐ High temperature / Low temperature options
- ☐ VDI/VDE 3845 Namur accessory mounting option available - contact Kinetrol
- ☐ Available in Blueline paint finish

# Kinetrol Model 10 Double Acting Actuator

## Product Code

103-100

107-100

## Air Ports

G $\frac{1}{4}$

$\frac{1}{4}$  NPT

## Mount Holes

4 x M10 x 16 deep on 102.0 PCD

2 x M8 x 16 deep on 50.8 PCD

4 x  $\frac{3}{8}$ -16 UNC x 0.63" deep on 4.02" PCD

2 x  $\frac{5}{16}$ -16 UNC x 0.63" deep on 2.00" PCD

Visual red indicator supplied as standard

## Dimensions

