

# Kinetrol Model 01 Double Acting Actuator

## Specification

### Angle of Travel (adjustable)

See drawings  
(restricted travel versions available)

### Displaced Volume

16.5 cm<sup>3</sup> / 1.0 in<sup>3</sup>

### Materials of Construction

**Casing:** Pressure die cast ZL16 zinc alloy  
**Vane & Output Shaft:** Stainless steel  
**Shaft bushes:** PTFE coated bronze (lead free)  
**Seals:** Moulded polyurethane  
**Seal expanders:** Stainless spring steel

### Finish

Epoxy stove enamel

### Weight

See drawings

### Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Up to Category 1

## 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
01-100	1.1	1.6	2.1	2.6	3.0	3.5	4.0	4.5	5.1	5.6	6.1	6.7

### English Units - lbf ins

Actuator Model	Pressure (psi)									
	20	30	40	50	60	70	80	90	100	
01-100	9	15	21	26	32	39	45	51	58	

## Options

- Conversion kit between two types. SP870
- Fail safe spring return units - clockwise or counter clockwise (springs mounted above the actuator)

# Kinetrol Model 01 Double Acting Actuator

## Product Code

## Air Ports

## Mount Holes

014-100

G $\frac{1}{8}$

4 x M4 x 6 deep on 19.0 PCD

017-100

$\frac{1}{8}$  NPT

4 x 8-32 UNC x 0.24" deep on 0.75" PCD

014P100

G $\frac{1}{8}$

4 x  $\varnothing$ 4.1 (M4 clearance)

## Dimensions

Standard Coupling  
(supplied with both actuator types  
weight 0.005 kg / 0.2 oz)

