

# Kinetrol Model 08 Double Acting Actuator

## Specification

### Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

### Displaced Volume

485 cm<sup>3</sup> / 29.6 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

2.54 kg / 5.60 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
08-100	38.7	53.2	67.7	82.3	96.8	111.4	125.9	140.5	155.0	169.0	184.1	198.7

### English Units - lbf ins

Actuator Model	Pressure (psi)								
	20	30	40	50	60	70	80	90	100
08-100	311	488	666	826	1012	1208	1367	1563	1740

## 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
- ☐ Female drive and mounting details to DIN 3337 and ISO 5211
- ☐ ISO adaptor
- ☐ G $\frac{3}{8}$  or  $\frac{1}{2}$  NPT air port option available - contact Kinetrol
- ☐ 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 08 Double Acting Actuator

## Product Code

## ● Air Ports

## ● Mount Holes

084-100

G $\frac{1}{4}$

4 x M8 x 16 deep on 70.0 PCD

2 x M8 x 16 deep on 50.8 PCD

087-100

$\frac{1}{4}$  NPT

4 x  $\frac{5}{16}$ -18 UNC x 0.63" deep on 2.76" PCD

2 x  $\frac{5}{16}$ -18 UNC x 0.63" deep on 2.00" PCD

Visual red indicator supplied as standard

## Dimensions

