

Kinetrol Model 10 Double Acting Actuator

Specification

Angle of Travel (adjustable)

78° - 100°

(restricted travel versions available)

Displaced Volume

1025 cm³ / 62.5 in³

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 stove enamel

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

