

# Kinetrol Model 07 Stainless Steel Double Acting Actuator

## Specification

### Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

### Displaced Volume

300 cm<sup>3</sup> / 18.3 in<sup>3</sup>

### Materials of Construction

Casing: CF3M / 316L Stainless steel

Vane & Output Shaft: ANC21 Stainless steel

Shaft bushes: PTFE coated bronze (lead free)

Seals: Moulded polyurethane

Seal expanders: Stainless spring steel

Coupling: 303 Stainless steel (316 option on request)



### Finish

Shot blasted, acid pickled

### Weight

3.82 kg / 8.42 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
07-100SS	22.0	30.5	39.5	48.5	57.5	66.5	76.0	85.5	95.0	105.0	114.0	124.0

### English Units - lbf ins

Actuator Model	Pressure (psi)									
	20	30	40	50	60	70	80	90	100	
07-100SS	175	280	390	500	610	730	850	960	1080	

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## Product Code

074-100SS

077-100SS

## ● Air Ports

G $\frac{1}{4}$

$\frac{1}{4}$  NPT

## ● Mount Holes

4 x M8 x 16 deep on 50.9 PCD  
2 x M8 x 16 deep on 50.8 PCD

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

Visual red indicator supplied as standard

## Dimensions

