

Kinetrol Model 01 Double Acting Actuator

Specification

Angle of Travel (adjustable)

See drawings
(restricted travel versions available)

Displaced Volume

16.5 cm³ / 1.0 in³

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)

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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)

