

Kinetrol Model 02 Double Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

31 cm³ / 1.89 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

0.44 kg / 0.97 lb (excluding coupling)

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
02-100	1.8	2.7	3.6	4.6	5.5	6.4	7.3	8.2	9.2	10.2	11.1	12.1

English Units - lbf ins

Actuator Model	Pressure (psi)									
	20	30	40	50	60	70	80	90	100	
02-100	14	25	36	48	59	70	82	93	105	

Options

- Fail safe spring return units - clockwise or counter clockwise
- 180° and 120° model
- Female drive and mounting details to DIN 3337 and ISO 5211
- ISO adaptor

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Product Code

Air Ports

Mount Holes

024-100

G $\frac{1}{8}$

4 x M4 x 8 deep on 25.5 PCD

027-100

$\frac{1}{8}$ NPT

4 x 8-32 UNC x 0.31" deep on 1.00" PCD

Visual red indicator supplied as standard

Dimensions

