

Kinetrol Model 03 Double Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

60 cm³ / 3.66 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

0.70 kg / 1.53 lb (excluding coupling)

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX 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
03-100	3.9	5.8	7.6	9.6	11.5	13.4	15.4	17.4	19.3	21.3	23.2	25.3

English Units - lbf ins

Actuator Model	Pressure (psi)									
	20	30	40	50	60	70	80	90	100	
03-100	29	53	77	101	124	148	173	196	220	

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
- Clear Cone position monitor
- 180° and 120° model
- Female drive and mounting details to DIN 3337 and ISO 5211
- ISO adaptor
- High temperature / Low temperature options
- VDI/VDE 3845 Namur accessory mounting option available - contact Kinetrol
- Available in Blueline paint finish

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Product Code

034-100

● Air Ports

G $\frac{1}{8}$

● Mount Holes

4 x M5 x 10 deep on 31.1 PCD

037-100

$\frac{1}{8}$ NPT

4 x 10-24 UNC x 0.39" deep on 1.225" PCD

Visual red indicator supplied as standard

Dimensions

