

Kinetrol Model 30 Spring Return Single Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

50025 cm³ / 3050 in³

Materials of Construction

Casing: Sand 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

Clock Type Spring: Carbon spring steel

Finish

Epoxy stove enamel

Weight

753 kg / 1660 lb (excluding coupling)

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Category 2

Spring Torques

Metric Units - Nm

Actuator Model	Position of air OR spring return stroke	Pressure (bar)											
		1.7	2.0	2.4	2.8	3.1	3.5	3.8	4.1	4.5	4.8	5.2	5.5
30-120	Start									6771.0	7179.0	7772.0	8184.0
	Finish									5134.0	5598.0	6200.0	6696.0

English Units - lbf ins

Actuator Model	Position of air OR spring return stroke	Pressure (psi)												
		25	30	35	40	45	50	55	60	65	70	75	80	
30-120	Start										59923	63693	68782	72428
	Finish										45436	49542	54870	59260

Options

- Low pressure spring option
- EL electropneumatic positioner - full range of options
- Limit switch boxes for open/closed indication - various switches including hazardous area
- P3 on/off positioner - full range of options including hazardous area
- AP pneumatic positioner - full range of options
- High temperature / Low temperature options

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Product Code

● Air Ports

● Mount Holes

304-120 Metric Spring Return Clockwise	G1	8 x M30 x 50 deep on 226.3 PCD
304-130 Metric Spring Return Counter Clockwise	G1	8 x M30 x 50 deep on 226.3 PCD
307-120 English Spring Return Clockwise	1 NPT	8 x 1½-7 UNC x 2.00" deep on 8.91" PCD
307-130 English Spring Return Counter Clockwise	1 NPT	8 x 1½-7 UNC x 2.00" deep on 8.91" PCD

For female drive part codes contact Kinetrol

Dimensions

