

Kinetrol Model 30 Double 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

Finish

Epoxy thermoset powder

Weight

273.0 kg / 601.91 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
30-100	3720	5160	6600	7695	9435	10845	12240	13635	15030	16440	17835	19140

English Units - lbf ins

	Pressure (psi)								
Actuator Model	20	30	40	50	60	70	80	90	100
30-100	30000	48000	64500	81750	99000	117000	133500	150750	168000

Options

- ☐ Fail safe spring return units
 - clockwise or counter clockwise
- ☐ Limit switch boxes for open/closed indication
 - various switches including hazardous area
- ☐ AP pneumatic positioner - full range of options
- ☐ EL electropneumatic positioner - full range of options
- ☐ High temperature / Low temperature options

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Product Code

Air Ports

Mount Holes

304-100

G1

8 x M30 x 50 deep on 226.3 PCD
4 x M5 x 8 deep

307-100

1 NPT

8 x 1 $\frac{1}{8}$ -7 UNC x 2.00" deep on 8.91" PCD
4 x 10-24 UNC x 0.31" deep

Dimensions

