

Kinetrol Model 18 Double Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

17170 cm³ / 1047 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

88.0 kg / 194 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
18-100	1250	1750	2250	2750	3250	3750	4300	4850	5400	5950	6400	6900

English Units - lbf ins

Actuator Model	Pressure (psi)								
	20	30	40	50	60	70	80	90	100
18-100	10000	16100	22200	28300	34500	41300	48000	54500	60000

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
- ☐ Female drive and mounting details to
DIN 3337 and ISO 5211
- ☐ Spring to centre
- ☐ Geared manual override
- ☐ G3 Damper Drive
- ☐ High temperature / Low temperature options
- ☐ Steadyline assembly

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Product Code

● Air Ports

● Mount Holes

184-100

G1

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

187-100

1 NPT

4 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

