

Kinetrol Model 15 Double Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

5920 cm³ / 361 in³

Materials of Construction

Casing: Pressure die 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

21.0 kg / 46.2 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
15-100	435	605	769	937	1109	1287	1457	1632	1808	1982	2153	2337

English Units - lbf ins

	Pressure (psi)								
Actuator Model	20	30	40	50	60	70	80	90	100
15-100	3558	5602	7593	9700	11753	13895	15991	18125	20337

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
- ☐ AP pneumatic positioner - full range of options
- ☐ EL electropneumatic positioner - full range of options
- ☐ P3 on/off positioner - full range of options including hazardous area
- ☐ Clear Cone monitor
- ☐ Female drive and mounting details to DIN 3337 and ISO 5211
- ☐ Accessory mount plate for positioners, switch boxes and clear cone monitor. See TD149.
- ☐ High temperature / Low temperature options
- ☐ VDI/VDE 3845 Namur accessory mounting option available - contact Kinetrol
- ☐ Available in Blueline paint finish
- ☐ Steadyline assembly

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Product Code

154-100

157-100

Air Ports

G $\frac{1}{2}$

$\frac{1}{2}$ NPT

Mount Holes

4 x M16 x 28.5 deep on 140.0 PCD
4 x M5 x 10 deep

4 x $\frac{5}{8}$ -11 UNC x 1.12" deep on 5.51" PCD
4 x 10-24 UNC x $\frac{3}{8}$ " deep

Visual red indicator supplied as standard

Dimensions

