

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 stove enamel

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

Actuator Model	Pressure (psi)									
	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

Air Ports

Mount Holes

154-100

G½

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

157-100

½ NPT

4 x 5/8-11 UNC x 1.12" deep on 5.51" PCD
4 x 10-24 UNC x 3/8" deep

Visual red indicator supplied as standard

Dimensions

