

Kinetrol Model 60 Double Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

94500 cm³ / 5762 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 stove enamel

Weight

475.0 kg / 1047.2 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
60-100	8345	11106	14041	16680	19673	22806	25680	28870	31995	34909	37818	40765

English Units - lbf ins

Actuator Model	Pressure (psi)									
	20	30	40	50	60	70	80	90	100	
60-100	67602	102031	135487	173262	208807	245953	283879	319645	356977	

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

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Product Code

Air Ports

Mount Holes

604-100

G2

8 x M30 x 80 deep on 356 PCD
4 x M5 x 8 deep

607-100

2 NPT

8 x 1 1/8-7 UNC x 3.15" deep on 14.02" PCD
4 x 10-24 UNC x 0.31" deep

Dimensions

