

Kinetrol Model 40 Double Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

64526 cm³ / 3935 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

292.0 kg / 644 lb (excluding coupling)

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Up to 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
40-100	6130	8012	9853	11935	13830	16600	18030	20050	21990	24162	26203	28150

English Units - lbf ins

Actuator Model	Pressure (psi)									
	20	30	40	50	60	70	80	90	100	
40-100	50626	72780	96854	121167	142435	170997	195204	221270	246362	

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
- DP3 positioner - full range of options
- Low temperature option

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Product Code

Air Ports

Mount Holes

404-100

G2

8 x M30 x 80 deep on 356 PCD
 8 x M30 x 80 deep on 226.3 PCD
 4 x M5 x 8 deep

407-100

2 NPT

8 x 1½-7 UNC x 3.15" deep on 14.02" PCD
 8 x 1½-7 UNC x 3.15" deep on 8.91" PCD
 4 x 10-24 UNC x 0.31" deep

Dimensions

