

Kinetrol Model 16 Double Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

7630 cm³ / 465 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

37.4 kg / 82.5 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
16-100	640	860	1090	1310	1530	1750	1980	2200	2420	2650	2870	3100

English Units - lbf ins

Actuator Model	Pressure (psi)								
	20	30	40	50	60	70	80	90	100
16-100	5200	7900	10600	13400	16100	18800	21600	24300	27000

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
- ☐ 180° and 120° model
- ☐ 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
- ☐ Available in Blueline paint finish
- ☐ Steadyline assembly

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Product Code

● Air Ports

● Mount Holes

164-100

G½

4 x M24 x 38 deep on 152.7 PCD
4 x M5 x 8 deep

167-100

½ NPT

4 x ⅞-9 UNC x 1.50" deep on 6.012" PCD
4 x 10-24 UNC x 0.31" deep

Dimensions

Standard Coupling
(supplied with actuator
weight 2.4 kg / 5.3 lbs)

Vane Slot detail both ends

M6 x 12 deep

