

Kinetrol Model 30 Double Acting Actuator

Specification

Angle of Travel (adjustable)

80° - 100°

(restricted travel versions available)

Displaced Volume

50025 cm³ / 3050 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

273.0 kg / 601.91 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 |
| 30-100 | 3720 | 5160 | 6600 | 7695 | 9435 | 10845 | 12240 | 13635 | 15030 | 16440 | 17835 | 19140 |

English Units - lbf ins

| Actuator Model | Pressure (psi) | | | | | | | | | |
|----------------|----------------|-------|-------|-------|-------|--------|--------|--------|--------|--|
| | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | |
| 30-100 | 30000 | 48000 | 64500 | 81750 | 99000 | 117000 | 133500 | 150750 | 168000 | |

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
- High temperature / Low temperature options

Kinetrol Model 30 Double Acting Actuator

Product Code

Air Ports

Mount Holes

304-100

G1

8 x M30 x 50 deep on 226.3 PCD
4 x M5 x 8 deep

307-100

1 NPT

8 x 1 $\frac{1}{8}$ -7 UNC x 2.00" deep on 8.91" PCD
4 x 10-24 UNC x 0.31" deep

Dimensions

