

# Kinetrol Model 12 Spring Unit

## Specification

### Spring Torque

Start 238 Nm / 2110 lbf ins

Finish 204 Nm / 1810 lbf ins

For actuated torques see single acting spring return actuator torque data sheets

For reduced spring torques contact Kinetrol

### Angle of Travel

0° - 90°

### Materials of Construction

**Casing:** Pressure die cast aluminium alloy

**Output Shaft:** Steel, zinc plated

**Clock Type Spring:** Carbon spring steel

### Finish

Epoxy stove enamel

### Weight

16.2 kg / 35.71 lb

### Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Category 2

## Options

ISO Flange / Female drive spring option

Low pressure spring option

High temperature / Low temperature options

Available in Blueline paint finish

## Non Kinetrol Actuator Application Notes

Kinetrol spring units can be used in non Kinetrol actuator applications however the following must be considered.

A static gasket is provided to seal the base plate mounting face but the user's shaft must also be sealed to prevent water ingress into the spring housing.

External stops will need to be used to prevent the spring angle of travel from exceeding 90°.

See Kinetrol installation, operation and maintenance instructions for application example.

# Kinetrol Model 12 Spring Unit

## Product Code

124-020

Metric Spring Return Clockwise

124-030

Metric Spring Return Counter Clockwise

127-020

English Spring Return Clockwise

127-030

English Spring Return Counter Clockwise

## ● Mount Holes

4 x M12 x 24 deep on 77.8 PCD

4 x M12 x 24 deep on 77.8 PCD

4 x 1/2-13 UNC x 0.94" deep on 3.06" PCD

4 x 1/2-13 UNC x 0.94" deep on 3.06" PCD

For female drive part codes contact Kinetrol

## Dimensions

