

# Kinetrol Model 60 Spring Unit

## Specification

### Spring Torque

Start 17437 Nm / 154333 lbf ins

Finish 14558 Nm / 128847 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:** Sand cast aluminium alloy

**Output Shaft:** Steel, zinc plated

**Clock Type Spring:** Carbon spring steel

### Finish

Epoxy thermoset powder

### Weight

923.0 kg / 2035.3 lb

### Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Category 2

## Options

- ☐ Low pressure spring option

## 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 60 Spring Unit

## Product Code

600-020

Metric Spring Return Clockwise

600-030

Metric Spring Return Counter Clockwise

609-020

English Spring Return Clockwise

609-030

English Spring Return Counter Clockwise

## ● Mount Holes

8 x M30 x 80 deep on 356 PCD

8 x M30 x 80 deep on 356 PCD

8 x 1 $\frac{1}{8}$ -7 UNC x 3.15" deep on 14.02" PCD

8 x 1 $\frac{1}{8}$ -7 UNC x 3.15" deep on 14.02" PCD

For female drive part codes contact Kinetrol

## Dimensions

