

# 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:** Stainless steel

**Clock Type Spring:** Carbon spring steel

### Finish

Epoxy stove enamel

### Weight

923.0 kg / 2035.3 lb

### Operating Temperature

-40°C to +80°C (-40°F to +176°F)



## 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

604-020  
Metric Spring Return Clockwise  
604-030  
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

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

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For female drive part codes contact Kinetrol

## Dimensions

