

Kinetrol Model 05 Spring Unit

Specification

Spring Torque

Start 20.9 Nm / 185 lbf ins

Finish 17.5 Nm / 155 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: Stainless steel

Clock Type Spring: Carbon spring steel

Finish

Epoxy stove enamel

Weight

1.14 kg / 2.51 lb

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Category 2

Options

ISO Flange / Female drive spring option

High temperature / Low temperature options

ISO adaptor

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 05 Spring Unit

Product Code

054-020

Metric Spring Return Clockwise

054-030

Metric Spring Return Counter Clockwise

057-020

English Spring Return Clockwise

057-030

English Spring Return Counter Clockwise

Mount Holes

6 x M5 x 10 deep on 34.9 PCD

6 x M5 x 10 deep on 34.9 PCD

6 x 10-24 UNC x 0.39" deep on 1.375" PCD

6 x 10-24 UNC x 0.39" deep on 1.375" PCD

For female drive part codes contact Kinetrol

Dimensions

