

Kinetrol Model 10 Spring Unit

Specification

Spring Torque

Start 164 Nm / 1450 lbf ins

Finish 143 Nm / 1270 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 thermoset powder

Weight

9.4 kg / 20.73 lb

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Category 2

Options

☐ Male 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 10 Spring Unit

Product Code

103F020

Metric Spring Return Clockwise

103F030

Metric Spring Return Counter Clockwise

107F020

English Spring Return Clockwise

107F030

English Spring Return Counter Clockwise

Mount Holes

4 x M10 x 16 deep on 102.0 PCD

4 x M10 x 16 deep on 102.0 PCD

4 x $\frac{3}{8}$ -16 UNC x 0.63" deep on 4.02" PCD

4 x $\frac{3}{8}$ -16 UNC x 0.63" deep on 4.02" PCD

For male drive part codes contact Kinetrol

Dimensions

