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: Steel, zinc plated Clock Type Spring: Carbon spring steel

Finish Epoxy stove enamel

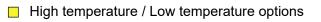
Weight 1.14 kg / 2.51 lb

Operating Temperature -40°C to +80°C (-40°F to +176°F)

Options

ISO Flange / Female drive spring option

ISO adaptor



EX Category 2

Available in Blueline paint finish

(AL)

spring a

AL.

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.

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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

For female drive part codes contact Kinetrol

Dimensions

• Mount Holes

6 x M5 x 10 deep on 34.9 PCD

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

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