Kinetrol Model 02 Spring Unit



Specification

Spring Torque

Start 4.7 Nm / 42 lbf ins Finish 3.7 Nm / 33 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 ZL16 zinc alloy Output Shaft: Steel, zinc plated Clock Type Spring: Carbon spring steel

Finish Epoxy stove enamel

Weight 0.47 kg / 1.04 lb

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



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.

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Product Code

024-020 Metric Spring Return Clockwise 024-030 Metric Spring Return Counter Clockwise 027-020 English Spring Return Clockwise 027-030 English Spring Return Counter Clockwise

For female drive part codes contact Kinetrol

Dimensions

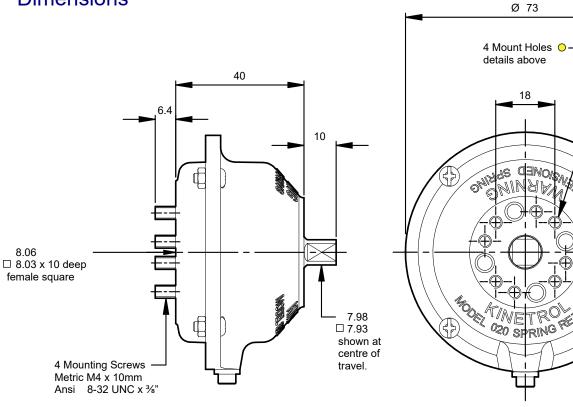
• Mount Holes

4 x M4 x 8 deep on 25.5 PCD

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4 x 8-32 UNC x 0.31" deep on 1.00" PCD

4 x 8-32 UNC x 0.31" deep on 1.00" PCD





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