

Kinetrol Model 40 Spring Unit

Specification

Spring Torque

Start 11985 Nm / 106077 lbf ins

Finish 10005 Nm / 88552 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: Steel, zinc plated

Clock Type Spring: Carbon spring steel

Finish

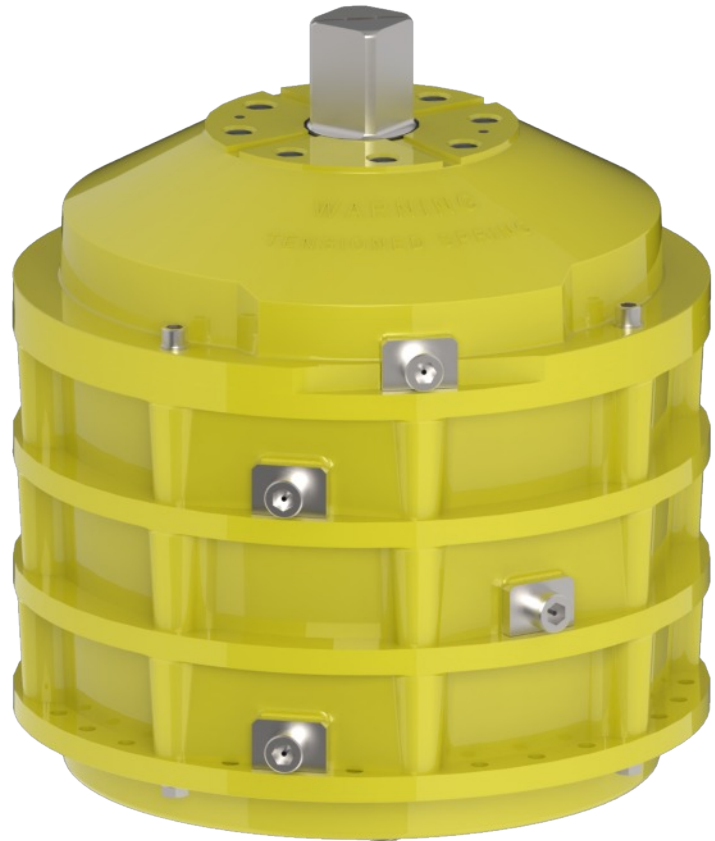
Epoxy thermoset powder

Weight

649.0 kg / 1430.8 lb

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



ATEX Category 2

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 40 Spring Unit

Product Code

400-020

Metric Spring Return Clockwise

400-030

Metric Spring Return Counter Clockwise

409-020

English Spring Return Clockwise

409-030

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

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

For female drive part codes contact Kinetrol

Dimensions

