Kinetrol Model 09 Spring Unit

Specification

Spring Torque
Start 104 Nm / 925 lbf ins
Finish 93.8 Nm / 830 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
6.65 kg / 14.66 lb

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

ATEX Category 2

Options

- ISO Flange / Female drive spring option
- ISO adaptor
- 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 09 Spring Unit

Product Code

094-020
Metric Spring Return Clockwise

094-030
Metric Spring Return Counter Clockwise

097-020
English Spring Return Clockwise

097-030
English Spring Return Counter Clockwise

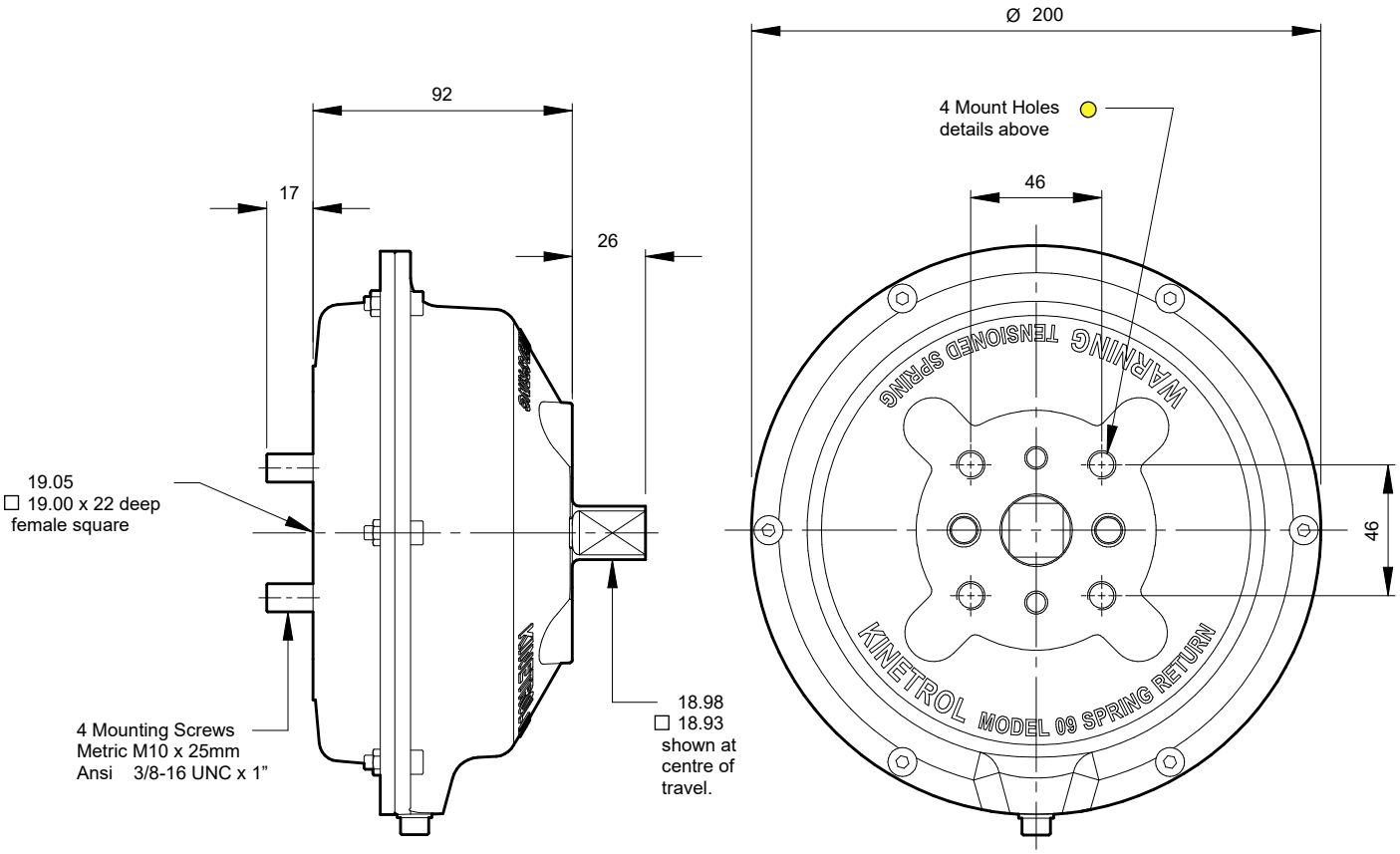
Mount Holes

4 x M10 x 20 deep on 65.0 PCD

4 x M10 x 20 deep on 65.0 PCD

4 x ⅜-16 UNC x 0.79” deep on 2.56” PCD

4 x ⅜-16 UNC x 0.79” deep on 2.56” PCD

For female drive part codes contact Kinetrol

Dimensions