## Kinetrol Model 16 Spring Unit



### Specification

Start 1321 Nm / 11691 lbf ins Finish 1081 Nm / 9567 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 stove enamel

Weight 100.2 kg / 220.2 lb

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



### Options

- ISO Flange / Female 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 16 Spring Unit

#### **Product Code**

164-020 Metric Spring Return Clockwise 164-030 Metric Spring Return Counter Clockwise

167-020 English Spring Return Clockwise

167-030 English Spring Return Counter Clockwise

For female drive part codes contact Kinetrol

### Dimensions

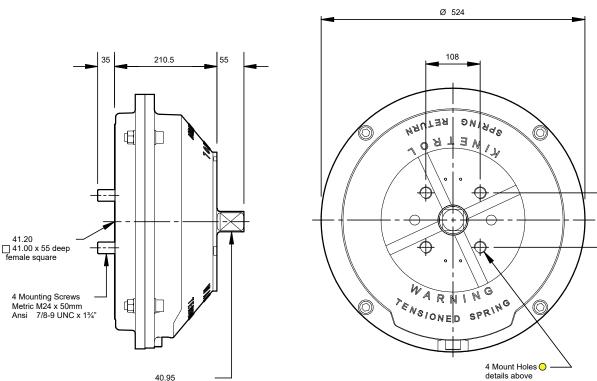
#### Mount Holes

4 x M24 x 38 deep on 152.7 PCD

4 x M24 x 38 deep on 152.7 PCD

4 x <sup>7</sup>/<sub>8</sub>-9 UNC x 1.50" deep on 6.01" PCD

4 x 1/8-9 UNC x 1.50" deep on 6.01" PCD



40.95 40.87 Shown At Centre Of Travel



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