

Kinetrol Model 08 Spring Unit

Specification

Spring Torque

Start 81.3 Nm / 720 lbf ins

Finish 65.5 Nm / 580 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: Stainless steel

Clock Type Spring: Carbon spring steel

Finish

Epoxy stove enamel

Weight

4.84 kg / 10.68 lb

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



Options

- ISO Flange / Female drive spring option
- High temperature / Low temperature 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.

Kinetrol Model 08 Spring Unit

Product Code

- 084-020
Metric Spring Return Clockwise
- 084-030
Metric Spring Return Counter Clockwise
- 087-020
English Spring Return Clockwise
- 087-030
English Spring Return Counter Clockwise

Mount Holes

- 4 x M8 x 16 deep on 70.0 PCD
- 4 x M8 x 16 deep on 70.0 PCD
- 4 x 5/16"-18 UNC x 0.63" deep on 2.76" PCD
- 4 x 5/16"-18 UNC x 0.63" deep on 2.76" PCD

For female drive part codes contact Kinetrol

Dimensions

