

Kinetrol Model 15 Modular Spring Unit

Specification

Spring Torque

Start 962 Nm / 8514 lbf-in

Finish 790 Nm / 6992 lbf-in

For actuated torques see single acting spring return actuator torque data sheets

For reduced spring torques contact Kinetrol

Angle of Travel

0° - 97° (alternative angles available)

Materials of Construction

Casing: Aluminium alloy

Output Shaft: Steel, zinc plated

Clock Type Spring: Carbon spring steel

Finish

Epoxy thermoset powder

Weight

50.4 kg / 111.1 lb

Operating Temperature

-40°C to +80°C (-40°F to +176°F)



Female drive unit shown



ATEX Category 2

Options

- ISO Flange / Female drive 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 15 Modular Spring Unit

Product Code

- 154-0C0
Metric Spring Return Clockwise
- 154-0A0
Metric Spring Return Counter Clockwise
- 157-0C0
English Spring Return Clockwise
- 157-0A0
English Spring Return Counter Clockwise

Mount Holes

- 4 x M16 x 28.5 deep on 140.0 PCD
- 4 x M16 x 28.5 deep on 140.0 PCD
- 4 x 5/8"-11 UNC x 1.13" deep on 5.51" PCD
- 4 x 5/8"-11 UNC x 1.13" deep on 5.51" PCD

For female drive part codes contact Kinetrol

Dimensions

