

# Kinetrol Model 05 & 07 Modular Fire Fail-Safe Spring Unit



ATEX Category 2

- Reliable torque delivery for valve reseal
- Fully reversible direction of spring from clockwise to counter clockwise or counter clockwise to clockwise
- Two yield temperature options
- No air or special tools required and direction reverse can be completed in minutes
- Can be converted from male to female drive and vice versa
- Spring housing sealed to IP65 to protect from internal corrosion
- Stainless steel shaft and levers as standard

## Specification

### Yield Temperatures

|                                 |      |       |
|---------------------------------|------|-------|
| Yield temperature options       | 74°C | 100°C |
| Max. normal ambient temperature | 38°C | 66°C  |

### Angle of Travel (adjustable)

90° (alternative angles available)

### Materials of Construction

Casing: Extruded and pressure die cast aluminium alloy  
 Output Shaft: Stainless steel  
 Lever: Stainless steel  
 Clock Type Spring: Carbon spring steel  
 Fusible Link: Solder type (UL approved)

### Finish

Epoxy thermoset powder

## Torques & Weights

|          | Maximum Torque |         | Weights |      |
|----------|----------------|---------|---------|------|
|          | Nm             | lbf.ins | Kg      | lbs  |
| Model 05 | 20.9           | 185     | 1.73    | 3.81 |
| Model 07 | 50.8           | 450     | 3.80    | 8.37 |

For reduced torque options - please contact Kinetrol

## Product Codes

The yield temperatures are determined in the codes by using -0074 for 74°C and -0100 for 100°C

034-0A0-0074 Metric Modular Manual Fail-safe Spring Unit Counter Clockwise 74°C  
 034-0C0-0074 Metric Modular Manual Fail-safe Spring Unit Clockwise 74°C  
 034-0A0-0100 Metric Modular Manual Fail-safe Spring Unit Counter Clockwise 100°C  
 034-0C0-0100 Metric Modular Manual Fail-safe Spring Unit Clockwise 100°C

054-0A0-0074 Metric Modular Manual Fail-safe Spring Unit Counter Clockwise 74°C  
 054-0C0-0074 Metric Modular Manual Fail-safe Spring Unit Clockwise 74°C  
 054-0A0-0100 Metric Modular Manual Fail-safe Spring Unit Counter Clockwise 100°C  
 054-0C0-0100 Metric Modular Manual Fail-safe Spring Unit Clockwise 100°C

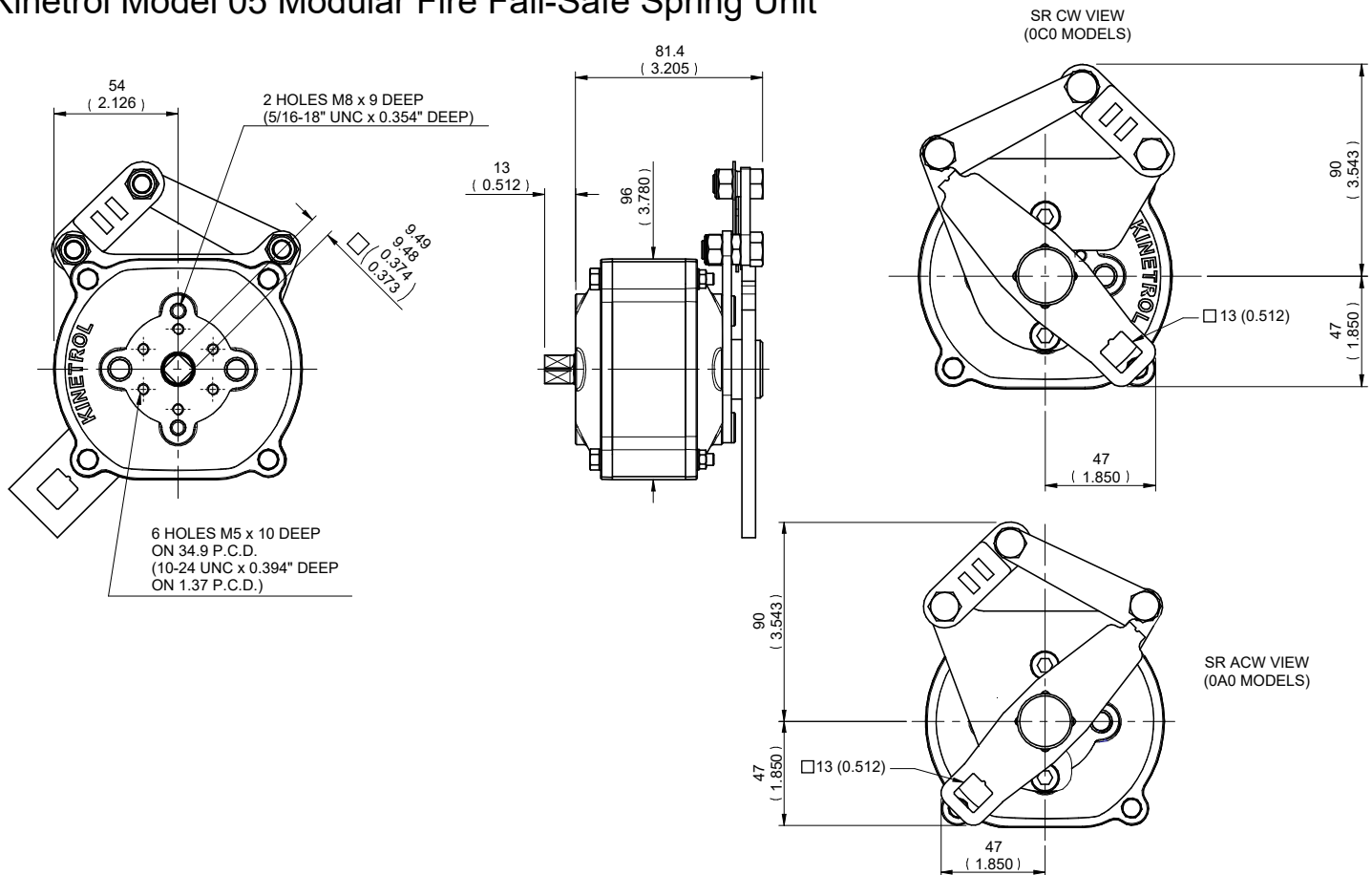
074-0A0-0074 Metric Modular Manual Fail-safe Spring Unit Counter Clockwise 74°C  
 074-0C0-0074 Metric Modular Manual Fail-safe Spring Unit Clockwise 74°C  
 074-0A0-0100 Metric Modular Manual Fail-safe Spring Unit Counter Clockwise 100°C  
 074-0C0-0100 Metric Modular Manual Fail-safe Spring Unit Clockwise 100°C

Female drive versions are available - please contact Kinetrol

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## Dimensions

### Kinetrol Model 05 Modular Fire Fail-Safe Spring Unit



### Kinetrol Model 07 Modular Fire Fail-Safe Spring Unit

