FOR USE WITH THE FOLLOWING MODELS:
03++0*0 – 1006
05++0*0 – 1006
07++0*0 – 1006

KEY: ++ Will be one of the following:  
4 = Male Drive  2 = Clockwise spring action  
3F = Female Drive  3 = Anticlockwise spring action
7 = American Male Drive  3F = ANSI Female Drive
7F = ANSI Female Drive  7S = ANSI Serrated Female Drive
7S = ANSI Serrated Female Drive

Installation, Operation & Maintenance Instructions
Manual Handle Spring Return Units

1.) INSTALLATION

1.1) Fit unit to bracket/valve with coupling to valve stem (unless a female drive version is used which can be directly connected to valve).

1.2) Ensure that coupling (if fitted) can be moved without much effort, such that it does not side load valve stem or manual handle shaft.

1.3) Refer to Kinetrol TD111 for recommended screw tightening torques.

1.4) Ensure that the handle is fitted in the orientation which allows the safe operation from a stable operating position.

1.5) If serrated drive is used – use a Kinetrol insert to ensure drive to valve.

2.) OPERATION

2.1) Operating conditions:
• Angle of travel 90º (Non-Adjustable)
• Max vibrating conditions: 4g@100Hz
• Ambient temperature range: -40ºC to 80ºC

2.2) Ensure that the handle is operated whilst standing in a stable position.

2.3) Rotate handle slowly with a good grip and ensure that there is nothing in the path of an accidentally released lever.

2.4) DO NOT allow the handle to be released from the hand grip. Slowly and deliberately rotate the handle against the spring. Note: Releasing the handle whilst in the operating position may damage the device.

3.) MAINTENANCE

3.1) This manual spring handle does not contain user serviceable components, if the unit is faulty it should be disposed of safely and replaced with a new unit or returned to Kinetrol for repair.

3.2) If the output torque is too high for application, then some sizes can be re-tensioned. TD 126 describes the procedure for safely achieving a change in torque.