

## MOUNTING INSTRUCTIONS FOR LINKAGES

EE..MK / EE..ESB / EE..RD

**EE..MK**

1. Push the valve spindle fully down.
2. Slide the linkage onto the valve spindle. Bolt the linkage onto the valve body and then tighten the spindle screws.
3. Manually rotate the motor anti-clockwise to the closed position .
4. Screw the motor onto the linkage using the 2 screws provided ensuring the valve stem remains fully down.
5. As the motor rotates clockwise the valve spindle should move upwards. Manually operate the motor and ensure that the spindle moves up and down freely.  
For the spring return motor 2 spacers are provided which must be fitted to the linkage, underneath the motor.

**EE -1ESB**

If fitted, remove the manual handle from the valve shaft.

Rotate the valve shoe to close the required port (the shoe position is indicated by the flat section on the valve shaft.)

Mount the bracket onto the valve body using the valve bolts or those provided with the linkage.

Fit the coupling over the valve shaft, aligning the flats.

Manually close the motor and fit onto the valve coupling and mounting bracket.

The actuator and mounting bracket can be fitted in any position to rotate the valve shoe between the centre port and either one of the other two ports.

**EE-2ESB**

If fitted, remove the manual handle from the valve shaft.

Rotate the valve shoe to close the required port (the shoe position is indicated by the flat section on the valve shaft.)

Mount the bracket onto the valve body using the bolts on the valve or those provided with the linkage.

Remove the 'U' bracket assembly from the motor. Fit the motor coupling over the valve shaft, aligning the flats.

Manually close the motor and fit onto the valve coupling and mounting bracket.

Fit the handle onto the motor aligning the splines and bolt in position to valve stem. The actuator and mounting bracket can be fitted in any position to rotate the valve shoe between the centre port and either one of the other two ports.

**EE-4RD / EE-6RD**

Close the valve by rotating the spindle fully clockwise. The valve is closed when the line on valve stem points in line with the valve body.

Mount the bracket onto the valve body using the bolts provided.

Slide the sleeve onto the valve spindle. DO NOT clamp the motor onto the valve spindle without this sleeve.

Manually close the motor by turning it clockwise and screw it onto the bracket using the screws provided.

Open
Closed

**EE-4ESB**

Fit the mounting bracket onto the valve body with the two M8x10 bolts.

Fit the valve coupling onto the valve spindle aligning the 'D' flat towards the required closed port.

Fit the motor over the valve coupling. The D flat on the valve spindle indicates the closed port.

To change the direction of rotation remove the 'U' bolt assembly/coupling from the motor by releasing the circlip on the underside and reverse the adaptor sleeve.

Sleeve splines up = clockwise  
Sleeve splines down = anticlockwise

The actuator and mounting bracket can be fitted in any position to rotate the valve shoe between the centre port and either one of the other two ports.