

# FB-Series

## Declutchable Gear Operator



### Compact and Flexible

By installing the FB override between the actuator and the valve/damper the overall valve package envelope is minimized, reducing the space required for installation. The override can be fitted to any quarter turn valve/actuator combination and can be retrofitted if required.

### ISO 5211 Mounting Pad

The gearbox is designed to the latest ISO5211 interface standards, for optimum strength, and standardized dimensions.

### Safe & Simple Operation

A simple quarter turn lever controls the gearbox clutch action. To ensure safe operation, a spring loaded locking pin must be manually disengaged before the clutch lever can be operated.

### Torque Outputs

FB-Series is available for torque output ranges from 225 to 9700 Nm.

### Precision Gear Design

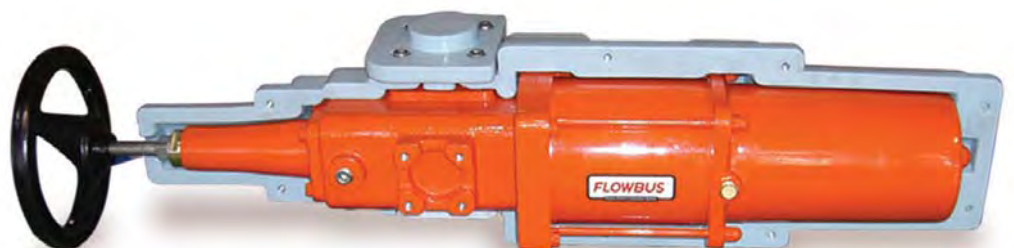
High precision, self-locking gears provide safe, positive manual positioning and extend gearbox life.

### Travel Stops

The FB-Series offers bi-directional travel stops allowing  $\pm 5^\circ$  of travel adjustment to give ranges from 80 to 100°.

## Fire Proofing

To protect critical components from damage of fire, Flowbus is able to supply various fire protection solutions such as a flexible jacket, enclosures, removable covers and coating or any other requirements.



• Fire protection coating : Certified with 30 minutes operation on UL1709 time-temperature curve