ACROGEARS Overtorque Protectors

Many valves and actuators are damaged each year by applying excessive operating torque costing time and money. The ACROGEARS valve overtorque protectors are mounted between the handwheel of a manual actuator or on the manual override of an electric or pneumatic actuator.

They will transmit operating torque but, if a pre-set torque is exceeded, will de-clutch and prevent damage. The drive will re-engage automatically, at the original set point, upon further rotation in either direction, thus eliminating high costs of excavation, valve repair, system downtime and traffic disruption.

ACROGEARS D80 Overtorque Protector

**Capacities and Trip Torque Range**
Trip Torque: 0 Nm to 140 Nm.
Operating Temperature: -25º C to 100º C.
Mounting Socket Bore: 35 mm Max.
Shaft Dia: 35 mm Std Max.
*Larger end connections are available*

**Applications**
Valves, actuators and other handwheel-actuated equipment.

**Maintenance**
No maintenance is required

ACROGEARS D81 Overtorque Protector

**Capacities and Trip Torque Range**
Trip Torque: 0 to 140 Nm
Operating temperature: -25º C to 100º C.
Standard Max Bore: Ø 30 mm
Standard Max Shaft: Ø 30 mm
*Larger diameters available with adapter*

**Applications**
Valves and other equipment driven by manual gearboxes or electric actuators.

**Maintenance**
No maintenance is required
ACROGEARS SD10 Overtorque Protector

**Capacities and Trip Torque Range**
Trip Torque: 10 Nm to 275 Nm
*Higher capacity models are available*

**Applications**
Buried or non-buried valve service. Compact construction for confined space. Narrow body design ideal for use with visual position indicators.

**Maintenance**
No maintenance is required

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ACROGEARS D87-250 Overtorque Protector

**Capacities and Trip Torque Range**
Trip Torque: 100 Nm to 340 Nm
*Higher and lower torque capacity models are available*

**Operating temperature:** -25º C to 100º C.
*Higher and lower temperature models are available*

**Applications**
Valves and other equipment driven by manual gearboxes or electric actuators.

**Maintenance**
No maintenance is required