

Environmentally Friendly Electric Linear Actuators

Designed for sustainable water and flood-defence applications

2000 kN

Max. force capacity


12 m

Max. stroke length

IP68

Protection class

Key Benefits

 Fully sealed design - no leaks

 Low maintenance

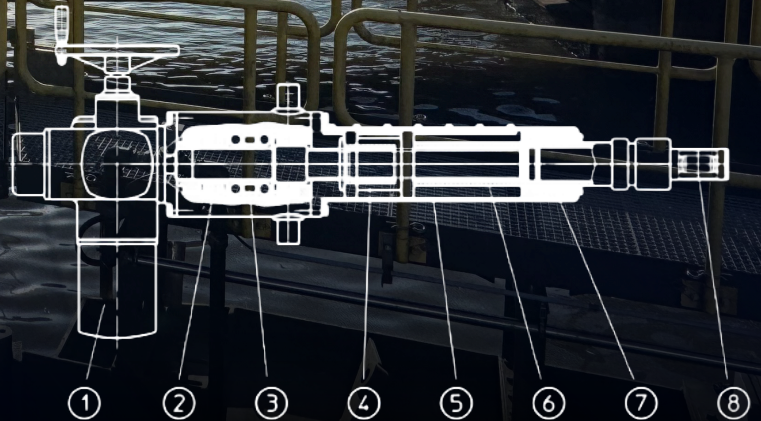
 Long lifespan

 Simple, standardised design

 Minimal assembly required

 Low energy consumption

Technical Overview



1) Motor/ Gearbox

5) Housing

2) Spring assembly

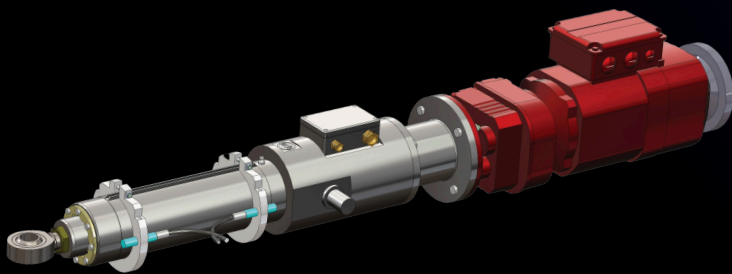
6) Piston rod

3) Bearing

7) Guiding of piston rod

4) Screw drive/ piston

8) Swivel/ fork head



Browse
our ADE
product
solutions



Available in the UK from
Drive Lines Technologies Ltd.

Customer Applications



Ipswich Flood Defence Mitre Gates

The aim:

A mitre gate solution with flap seals, designed to protect railway line against flood risks.

Actuators supplied:

ADE MSK50 electrical actuators with marine paint specification C5M.

The result:

Smooth and quiet electrical drives which will ensure a clean and environmentally friendly flood protection solution for years to come, with little to no maintenance required for the electro-mechanical parts.



Robust Actuators for Scottish Lock Gate

The aim:

Upgrade lock gates with actuators that can withstand frequent submersion up to 20 times per day during lock operation.

Actuator supplied:

MSK50-2100, with tensile/ compressive force capacity up to 105 kN.

The result:

The canal is equipped for more frequent and more extreme weather events as the climate changes. The upgraded lock gates ensure that robust water control infrastructure is in place for the future.

Why Choose Us?



Expert advice and technical guidance



Experience in water management projects across the UK



Environmentally friendly, robust actuation solutions

Drive Lines Technologies Ltd.
14 Old Bridge Way, Shefford, Bedfordshire, SG17 5HQ

T: +44 (0) 1234 360689
E: sales@drivelines.co.uk
W: www.drivelines.co.uk

DriveLines 
A division of RARUK Holdings Ltd.