

SERIES B Pneumatic

Quarter-turn Scotch yoke

Ductile Iron Actuator with 316 Stainless Steel Cylinders

Max allowable pressure up to 160 psig

Double Acting torques up to 597,505 lb. In.

Spring End torques up to 167,070 lb. In.



SERIES C Pneumatic

Quarter-turn Scotch yoke

Ductile Iron Actuator with Steel Cylinders Xylan® Coated

Max allowable pressure up to 160 psig

Double Acting torques up to 1,300,000 lb. In.

Spring End torques up to 583,288 lb. In.



SERIES HP Hydraulic / High Pressure Gas

Quarter-turn Scotch yoke

Ductile Iron Actuator with Steel Cylinders Xylan® Coated

Max allowable pressure up to 2250 psig

Double Acting torques up to 1,092,000 lb. In.

Spring End torques up to 388,859 lb. In.



SERIES S Pneumatic

Quarter-turn Scotch yoke

316 Stainless Steel

Max allowable pressure up to 160 psig

Double Acting torques up to 238,000 lb. In.

Spring End torques up to 145,775 lb. In.



SERIES EHP Electric Spring Return

EHP actuator offers a self-contained spring return actuator that operates on 120/1/60 or 240/1/60. It is the ideal solution to those locations that have no other utilities but electrical and need spring operation to close or open on loss of power.



Quick Acting Actuation Packages.

Quarter-turn Scotch yoke Spring Return & Double Acting actuators for ESD or fast open/close operation.

Max allowable pressure up to 160 psig

Double Acting torques up to 1,300,000 lb. In.

Spring End torques up to 583,288 lb. In.

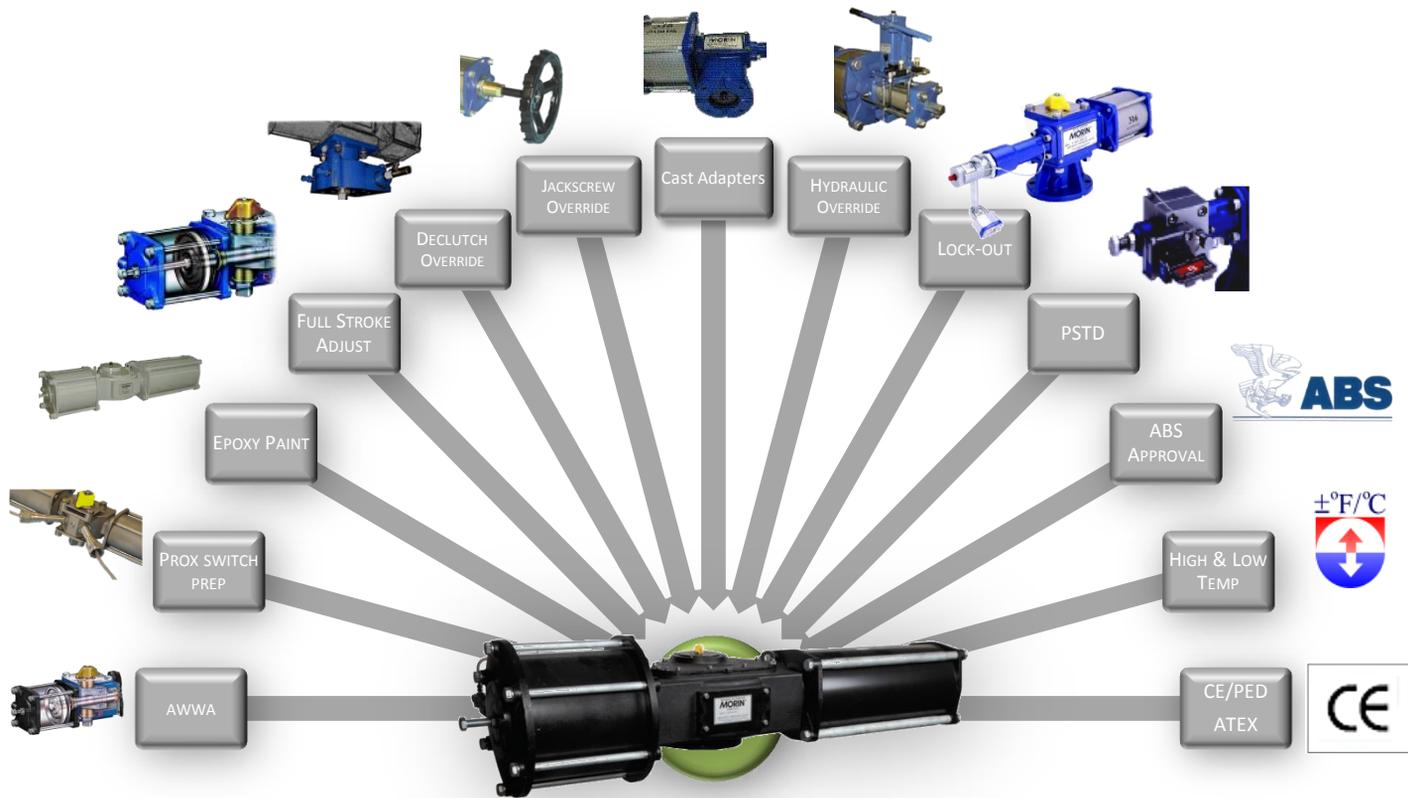


Linear Actuators

Double Acting and Spring return. Standard Morin construction available with Ductile Iron end caps with stainless steel cylinders, all stainless construction, or ductile iron end cap with steel cylinders.



Morin B, C, S & HP actuators are certified with SIL 3 rating.



Options to Fully Integrate the Actuator

Morin offers many options to allow our actuators to comply with today's automation requirements. From simple manual overrides to ABS approvals for many of our models to be submersed to 100 meters. Morin knows actuators.

AWWA – for pneumatic or water service.

Prox Prep – for tight overhead situations or separate end of stroke indication.

Epoxy Paint – meets many Marine and corrosive environmental requirements.

Full Stroke Adjustment – tune the valve opening or closing limits throughout the stroke

Declutch Gear – manual operation of valve package.

Jackscrew Override – economic manual operation.

Hydraulic Override – manual operation of all torque ranges and precise speed control.

Lock-Out / Tag-Out – safety first. Mechanically lock out the valve operation.

PSTD – Partial Stroke testing without the electronics.

ABS Approval – American Bureau of Shipping approval for many Morin models.

High & Low Temp Configuration – to suit extremes of temperature.

ATEX – CE/PED/ATEX approvals to suit European installations.

Consult Morin for many more available options.