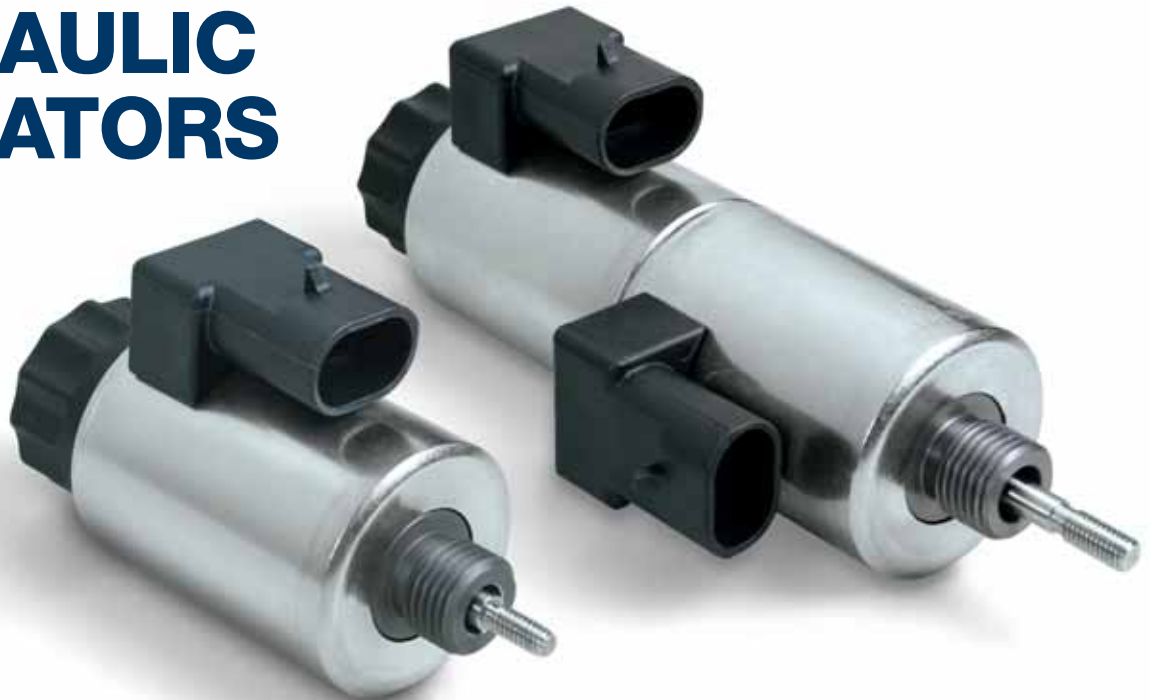


BI-DIRECTIONAL HYDRAULIC ACTUATORS



Magnet-Schultz of America (MSA) is proud to announce the newest offering in hydraulic actuators.

Introducing two new options to bi-directional actuators to fit every hydraulic application—the brand new bi-directional linear motor and push-pull hydraulic actuator. These two revolutionary new products are high-performance actuators that can take valve performance to the next level.

The newly patented linear motor offers bi-directional operation in the same compact, removable-coil package as standard MSA solenoids. The linear

motor offers equivalent force to standard MSA proportional solenoids, but with much quicker reaction times, making it suitable for high-performance proportional valve applications.

The new push-pull hydraulic actuator provides increased stroke and equivalent force to the standard product in a single package.

Both bi-directional hydraulic actuators are examples of Magnet-Schultz of America's innovative, industry-focused approach to providing **Solutions You Can Build On.**

S O L U T I O N S Y O U C A N B U I L D O N



BI-DIRECTIONAL HYDRAULIC ACTUATORS



LINEAR MOTOR
TUBE AND COIL



PUSH-PULL
TUBE AND COILS

ADVANTAGES: LINEAR MOTOR

- Compact design
- Superior linearity
- Excellent speed response

ADVANTAGES: PUSH-PULL

- Longer stroke
- Proportional and On/Off design

COMMON FEATURES

- Utilize the MSA range of standard coil products with a complete range of voltage and standard connector options available
- Superior proportional performance for both bi-directional hydraulic actuators

CUSTOMIZABLE

- Protected to Class H insulation class
- Manual override options available
- Standard internal pressure rating of 3,000 psi, customizable to 5,000 psi and above
- Customizable for your specific application

FOR ADDITIONAL DETAILED TECHNICAL INFORMATION PLEASE VISIT WWW.MAGNET-SCHULTZAMERICA.COM



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SPECIALISTS IN ELECTROMAGNETIC DEVICES