

New! Norgren ELION Electric Actuators Rod-style Range



Norgren has expanded its electric actuator offering with the NEW Norgren ELION electric actuator series. The Norgren ELION Series has been designed to meet various customer requirements and our rod-style electromechanical linear actuators are suitable for a broad range of applications.

Our rod-style Norgren ELION electric actuators are ball screw actuators with or without a servo motor and are available in six bore sizes with two motor mounting options. These actuators have a robust construction and are based on ISO 15552 standards. These actuators are built on reliability and the long-time Norgren technology.

Product Highlights:

- » **Accurate and Repeatable** – Ball screw and servo motor provides accurate and repeatable positioning
- » **Long Life** – Ball screw and bearing mechanisms provide high cycle life
- » **Performance Monitoring** – Integral sensors and external switches monitor actuator performance and enable planned maintenance.
- » **Energy Saving** – Electromechanical components efficiently convert electricity to mechanical power and only energized when movement.
- » **Ease of Installation** – Based on ISO 15552 standard with universal mounting options

Technical Specifications



32, 40, 50, 63, 80, 100mm



100 mm – 5500 mm stroke



Up to 30.4kN



Max. 1.6 m/s



0°C to +60°C Operating Temperature



IP65 Protection (motor only)

Options selector

E/809****/****/****/****

Cylinder Ø	Substitute 1
32	032
40	040
50	050
63	063
80	080
100	100
Spindle pitch	Substitute 2
5	05
10	10
16	16
20	20
25	25
32	32
40	40
Variants	Substitute 3
Standard	M
Piston rod bellows	G
Piston rod extension	U
E/809******U****/****/****	Extension (mm)
Piston rod thread female	X

Orderstroke (mm)	Substitute 7
100 ... 1500	
Motor / Feedback / Brake	Substitute 6
Motor with resolver, without brake	A
Motor with Absolute (Multi turn), without brake	B
Motor with resolver, with brake	M
Motor with Absolute (Multi turn), with brake	N
No motor, no coupling, no housing	X
No motor; small flange	1
No motor; big flange	2
Flange	Substitute 5
Flange for motor Ø55; 1,05 Nm	E
Flange for motor Ø67; 2,45 Nm	J
Flange for motor Ø67; 3,50 Nm	N
Flange for motor Ø89; 6,90 Nm	R
Flange for motor Ø115; 10,50 Nm	W
No motor	X
(see Substitute 6 for flange) E/809****/****/****/****	
No motor, no coupling, no housing	X
No motor; small flange	1
No motor; big flange	2
Motor mounting	Substitute 4
Axial	D
Parallel - "North"	N
Parallel - "East"	E
Parallel - "South"	S
Parallel - "West"	W
Actuator only, no coupling, no housing	A
Actuator with coupling and housing for customer individual motor	B
Use Sub. 5 & 6 as motor shaft diameter E/809****/****/****/****	
	07 ... 24
E.g. 07 = 7 mm motor shaft	
08 = 8 mm motor shaft	
...	
24 = 24 mm motor shaft	

Note: If position is not required, disregard option position with part number e.g. E/809032/05M/DEA/200.

For combinations of cylinder variants consult our technical service.

This option selector explains only the cylinder variants.

Additional variants/options are not possible.

Details see table on page 4.