

Electromechanical Automation Sales Bulletin



Bulletin # SB1066
Date: Friday, September 12, 2014
To: All Master Price List Holders
Product: 401XE
Subject: 401 XE and parallel motor mounts.

Parker is proud to announce the expansion of the XE line of linear actuators, and the addition of parallel motor mounts to all the XE and LCR 30 series actuators

Parker's Electromechanical Automation Division is pleased to announce the expansion of the XE line of linear actuators to include the 401 XE. The new 401 XE is now the smallest ball screw driven product Parker offers measuring just 30 mm in width by 15 mm in height. The 401 XE design is based off of the same mono-carrier construction of the 402 and 403 XE, just in a more condensed size. The 401 XE is ideal for customers looking for high precision, compact actuators that will stand the test of time. Potential applications for this stage could range from electronics manufacturing, to instruments performing diagnostic testing on biological samples. To complement the compactness of the 401 XE, Parker is also now offering parallel motor mounts to all of the XE series, as well as the LCR30 series actuator. The parallel motor mount allows an instrument builder to maximize the amount of stroke per unit length of the actuator.



Table 1: XE performance specifications based upon frame size:

Frame Size	403XE	402XE	401XE
Width - no cover	60 mm	50 mm	30 mm
Width – w/cover	80 mm	57 mm	44 mm
Height – no cover	30 mm	23 mm	15 mm
Height – w/cover	45 mm	36 mm	25 mm
Max Travel	655 mm	220 mm	160 mm
Repeatability*	+/-5-30 micron	+/-5-30 micron	+/-10-30 micron
Straightness	15-25 micron	15 micron	15 micron
Load Capacity	352 lbs	198 lbs	35 lbs
Max Speed	810 mm/s	490 mm/s	100 mm/s
Leads	5, 10mm	2, 5mm	2mm

*Repeatability varies based upon parallel motor option

Product Features, Drawings, and Benefits

Visit XE and LCR product pages on parkermotion.com for updated catalog, product manuals, videos, and press releases.

Part Numbering, Ordering, Availability, and Pricing

The new XE and LCR series actuators can be configured and ordered via Parker’s Extranet tools. A copy of each product configurable can be found within the new electronic copies of the catalogs on either of the product pages. All standard configurable XE and LCR series actuators will have an approximate lead time of 3 to 4 weeks. The long-term lead-time goal for XE series actuators configured with the quick ship option (designated by Q in product catalog) will be 5 days for quantities of 5 or fewer.

Competitive Intelligence, Sizing, and Selection

Information on competitive alignment, sizing, and selection can be found on parkermotion.com/extranet under each of product pages, in both PowerPoint and video format.

If you have any questions, please contact:

- Technical Assistance, Applications Engineering Department (e-mail: emn_support@parker.com or call 800-358-9070 North America, 707-584-7558 International)

Note: All information contained in this bulletin is proprietary and not intended for unauthorized distribution.