

# Universal Motor Adapter (UMA) for 400XR

The UMA is designed to make it easier than ever for our machine designers to specify their linear stage with whatever motor they'd like, while avoiding the often drawn out "customization" process.

## Quick Motor Integration

The Universal Motor Adapter (UMA) is an innovative motor mount component that allows for simple configuration of the 404XR or 406XR to a variety of servo or steppers from a plethora of manufacturers. Utilizing a vast database of motor mounting flanges, the UMA allows for rapid integration of hundreds of motors from numerous manufacturers.

## Convenient Ordering

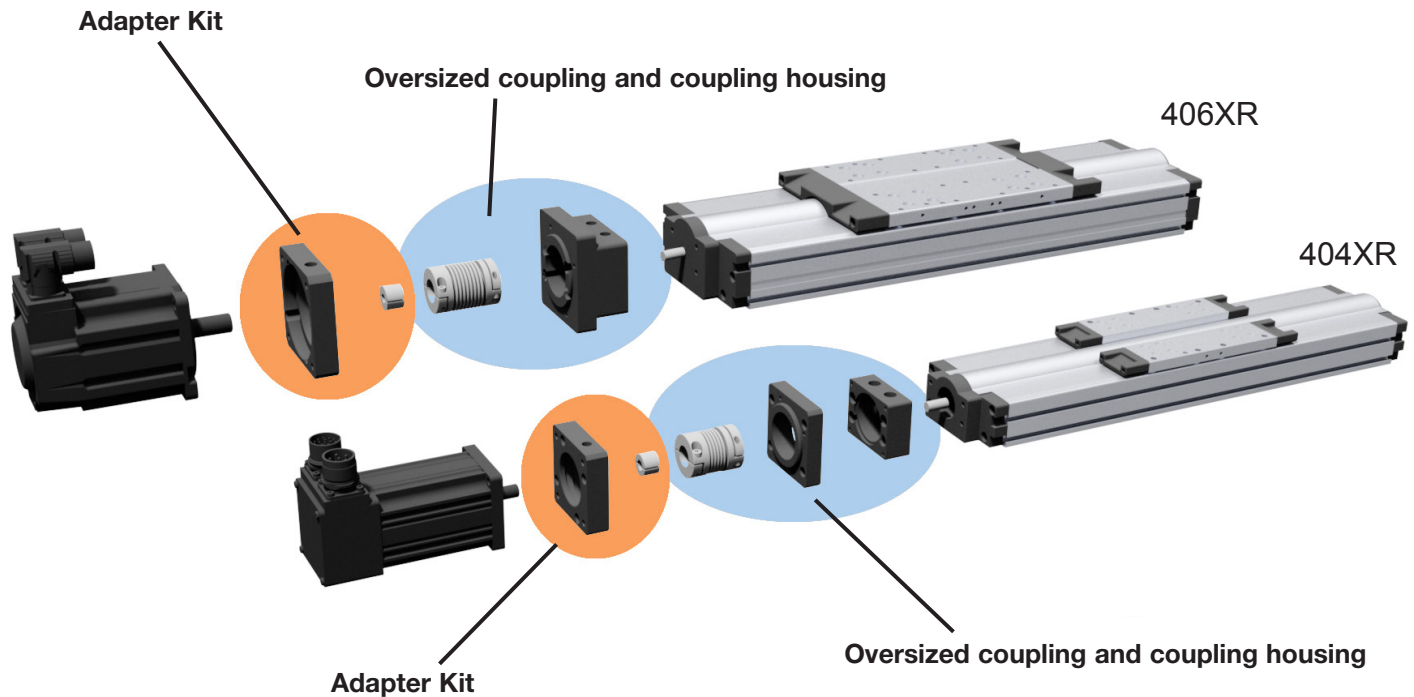
For customers choosing to mount a third party, non-Parker motor, the UMA alleviates the hassle and lead time of having to create a "customized" motor mount. Typically, designers would have to place an additional custom motor request for a specific mount, but now designers can simply configure the motor manufacturer right into the XR part number

## Easy Selection with Our Online e-Configurator

Now with the UMA, you can easily choose the right option for your motor through our online e-Configurator, saving time and money. With the UMA integrated into the e-Configurator, simply selecting the desired motor manufacturer and model type will configure the actuator with the appropriate selected motor.



**UMA Adapter Kit**



# How to Order the Right Motor Mount using the Universal Motor Adapter

Motor mount configuration to 3<sup>rd</sup> party motors is now easier than ever through use of the universal motor adapter (UMA) and our online product configuration tool. Consult the online e-Configurator for a complete listing of supported motors.

If you do not find a specific motor you would like use in your application, please call our application's team at 1-800-358-9070.

**STEP 1**

In order to specify a 404 or 406 XR with a third party motor mount, launch the online configurator tool from [www.parker.com/emn/400XR](http://www.parker.com/emn/400XR) and for the appropriate 404 or 406 XR.

The screenshot shows the Parker eConfigurator interface for a 404XR motor. The 'Product Number' is 404 and 'Options' are 300 XR M S D2 H1 L1 R1. Under 'Select Attributes', the following options are visible:

- SERIES: 404
- TABLE TRAVEL: 300mm
- MODEL: XR - Square Rail Positioner
- MOUNTING (METRIC): M
- GRADE: S - Standard
- DRIVE SCREW: D2 - 5mm Ballscrew
- HOME SENSOR: H1 - No Home Sensor
- LIMIT SENSORS: L1 - No Limit Sensors
- ENVIRONMENTAL: R1 - Class 1000 Compatible
- MOTOR MOUNT TYPE: -- Please Select One --

**STEP 2**

Configure the XR with all desired options and then specify the motor mount type. Select Standard for Parker Motors or Universal for other motors.

The dropdown menu for 'MOTOR MOUNT TYPE' shows the following options:

- Please Select One --
- Standard (M\*)
- Universal (U\*)

**STEP 3**

Select the motor manufacturer.

The dropdown menu for 'MOTOR MANUFACTURER' shows the following options:

- Parker Europe
- Parker North America
- Parker SSD

**STEP 4**

After motor manufacturer, choose the exact motor series from that manufacturer. This will automatically select the appropriate motor mount for the 400 XR stage.

The dropdown menu for 'MOTOR SERIES' shows the following options:

- Please Select One --
- N034
- N070
- N092
- 0S21 or 0S22 or 0S2H
- PM-FAL
- PM-FBL
- PX60
- S57 Series

**STEP 5**

Finally, select from either Bellows or Oldham style coupling options.

The dropdown menu for 'MOTOR MOUNT STYLE' shows the following options:

- Please Select One --
- BW - Bellows
- OH - Oldham

