



## OLE FAQs

**Q: Do all standard OLE's require drivers?**

A: Yes, all stepper motors require some form of driver/controller; similar to cylinders requiring valves. Bimba offers the simplest OEM control solution in our DRV drivers. [Click Here for details.](#)

**Q: Can the coupler or lead be changed on an OLE once it is built?**

A: OLE's are permanently assembled much like our Original Line® round line cylinder. Once assembly is complete the coupler cannot be removed or changed.

**Q: Are programmable drivers compatible/available?**

A: Yes, there are other types of drivers available other than the standard pulse train operated types that are compatible with our motors. Currently Bimba can [support](#) these requests with our solutions capabilities.

**Q: Are integrated motors available?**

A: Yes, currently Bimba can [support](#) these requests with our solutions capabilities.

**Q: Where can I get assistance in sizing my OLE?**

A: OLE sizing software is available on the Bimba website.  
Sizing Software & Catalog: <http://www.bimba.com/Library>

**Q: Are the OLEs switch ready, which switches are compatible?**

A: Yes, all standard OLEs have magnetic pistons and come switch ready. The same mini-track ("T" option) and band mounted switches that work with the Original Line® cylinders will work with standard OLEs.

\*\*Note: Switches are used for home positioning and for position confirmation.

**Q: Can an inline motor mount unit be converted to a reverse parallel mount unit (and back)?**

A: Though it is recommended that the unit be returned for conversion, yes.

Note: Some limitations apply, it is recommended to contact tech support prior to converting. To reach tech support, please call 1-800-44-BIMBA or email us at [cs@bimba.com](mailto:cs@bimba.com)

**Q: Are reverse parallel mount units field serviceable?**

A: Though it is recommended that the unit be returned for repair, yes.

\*\*Note: Serviceability is limited. For factory repair, please call 800-44-BIMBA to receive authorization to return the unit to Bimba for repair.

**Q: Are OLE's IP or NEMA rated?**

A: Currently Bimba's OLE product line does not include an IP rating. IP rated motors are available through our solutions capabilities.

**Q: Where did the "W" sealed construction option go?**

A: The "W" option was removed from the options and added as a standard feature to all models.

**Q: What if the motor I want to use is not on the compatibility chart in the back of the catalog?**

A: Torque and speed for your desired thrust and load can be determined using the sizing software. Bimba Tech Support also can verify if the motor will fit on a standard unit or with a standard mounting plate and/or coupler and also verify performance based on published motor data.

**Q: If the motor I want to use is in the compatibility chart, can I use the motor on an OLE other than one recommended in the chart?**

*A: While it's possible, please keep in mind that different leads will produce different speeds and thrusts. Motor speed and torque must be compatible with the actuator. Motor shaft diameter must be compatible with the couplers for each specific OLE model.*

**Q: Bimba recently added a wiper as a standard feature instead of an option you would specify. How did the addition of the wiper affect the dimensions?**

*A: For models without the W option there is no change in dimensions. For earlier models that included the W option, the new actuator is ¼ inch shorter. This may affect reverse-parallel designs with rear clevis or pivot mounts. On block front models the front two mounting holes were eliminated.*

*\*\*Note: The overall length did increase prior to the revision of the OLE design.*

The information presented is in Bimba's best engineering opinion and should be used for reference only. Recommendations derived should be verified under actual operating conditions. Bimba reserves the right to change specifications without prior notice.

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Rev Level: 0

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