

BC2 - ORDERING

Placing an order for any actuator with (or without) an option or accessory item is made easy with Tol-O-Matic's order configuration system. Just specify the model selected, indicate required stroke and identify the options and accessories desired. For the available field retrofittable options and accessories, refer to corresponding charts for part number listings.

CONFIGURATOR EXAMPLE

MODEL, BORE, AND STROKE

1. 2. 3.

B	C	2	M		1	0	S	K	1	0	0	.	2	5	0
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ACCESSORIES AND OPTIONS

4.

B	M	2	T	S	2	S	H	2				
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The above example describes a BC2 Series metric version model with a taper port in a 1 in. (25mm) bore size with a stroke of 100.250 inches. Options include two Form C reed switches 5 meter lead with quick-disconnect, two tube supports and heavy duty shocks on both ends.

Boxes above represent the number of fields available for each section and not all of them will be used in every application. Omit empty boxes when you construct your configurator number (placeholders are not required). For the above example, the order string as it is typed would appear as follows:
BC2M10SK100.250BM2TS2SH2

1. MODEL TYPE

Enter:

- BC2** for U.S. standard version
- M** for metric version with taper port
- MM** for metric version with parallel port
- NOTE: The .5 in. (12mm) bore is only available with the M option (M5 port).

2. BORE SIZE

Enter:

- | | |
|------------------------------|-----------------------------|
| 05 for .5 in./12 mm | 15 for 1.50in./40 mm |
| 10 for 1.0 in./25 mm | 20 for 2.0 in./50 mm |
| 12 for 1.25 in./32 mm | 25 for 2.5 in./63 mm |

3. STROKE LENGTH

Enter

- SK** then required stroke length in **inches**.*
- Example:**
SK100.25 for 100.250 inch stroke

4. ACCESSORIES AND OPTIONS

Once the model, bore size and stroke have been determined, you can add any of the options or accessory items shown below in any order. If the optional item indicates an "x", specify quantity.

When ordered with any BC2 Series model, all options and accessories listed will be factory installed unless specified. For special model and option requirements not shown, consult Tol-O-Matic, Inc.

OPTIONS AND ACCESSORIES CODES

"x" indicates quantity.

- BTx** Form C Reed Switch with 5-meter lead
- BMx** Form C Reed Switch with 5-meter lead Quick-Disconnect
- RTx** Form A Reed Switch with 5-meter lead
- RMx** Form A Reed Switch with 5-meter lead Quick-Disconnect
- CTx** AC Triac Reed Switch with 5-meter lead
- CMx** AC Triac Form A Reed Switch w/ 5-meter lead Quick-Disconnect
- ¹KTx** Hall-effect (Sinking) Switch with 5-meter lead
- ¹KMx** Hall-effect (Sinking) Switch with 5-meter lead Quick-Disconnect
- ¹TTx** Hall-effect (Sourcing) Switch with 5-meter lead
- ¹TMx** Hall-effect (Sourcing) Switch with 5-meter lead Quick-Disconnect
- ¹MDR** Dual Magnet – Reed / TRIAC / Hall-effect
- FMx** Foot Mount (ea.)
- FL** Floating Mount
- TSx** Tube Support (ea.)
- ^{1,2}SDx** Standard Shock, Hardware Only (ea.)
- ^{1,2}SHx** Standard Shock, Heavy Duty (ea.)
- ^{1,2}SLx** Standard Shock, Lite Duty (ea.)
- ^{1,2,3}ADx** Adjustable Shock, Hardware Only (ea.)
- ^{1,2,3}AHx** Adjustable Shock, Heavy Duty (ea.)
- ^{1,2,3}ALx** Adjustable Shock, Lite Duty (ea.)
- ¹DW*** Aux. Carrier with Piston
- ¹DO*** Aux. Carrier without Piston
- ¹HDL** 4-Ported Head – Left End
- ¹HDR** 4-Ported Head – Right End
- ¹HDB** 4-Ported Head – Both Ends

NOTE: Prelubrication is standard on all BC2 Band Cylinders (see Application Guidelines) on page 241.

- ¹ Not available for BC205
- ² When ordering shocks, cushion seals are removed
- ³ When ordering adjustable shocks carrier travel (stroke) will be reduced see chart on page 229.

*When ordering auxiliary **carrier option**, determine the minimum distance required between carriers (dimension "D" in Auxiliary Carrier Bending Moments chart, page 23). Determine your working stroke and your "D" dimension, then enter these into your configuration string. (Example: BC215SK50.00DW15.00RT2) **The configurator will calculate the overall length of the actuator.**