

AIR-BEARING FILTRATION KIT **ABF SERIES**

PRODUCT HIGHLIGHTS

Cleans and conditions compressed air used to supply air-bearing mechanics

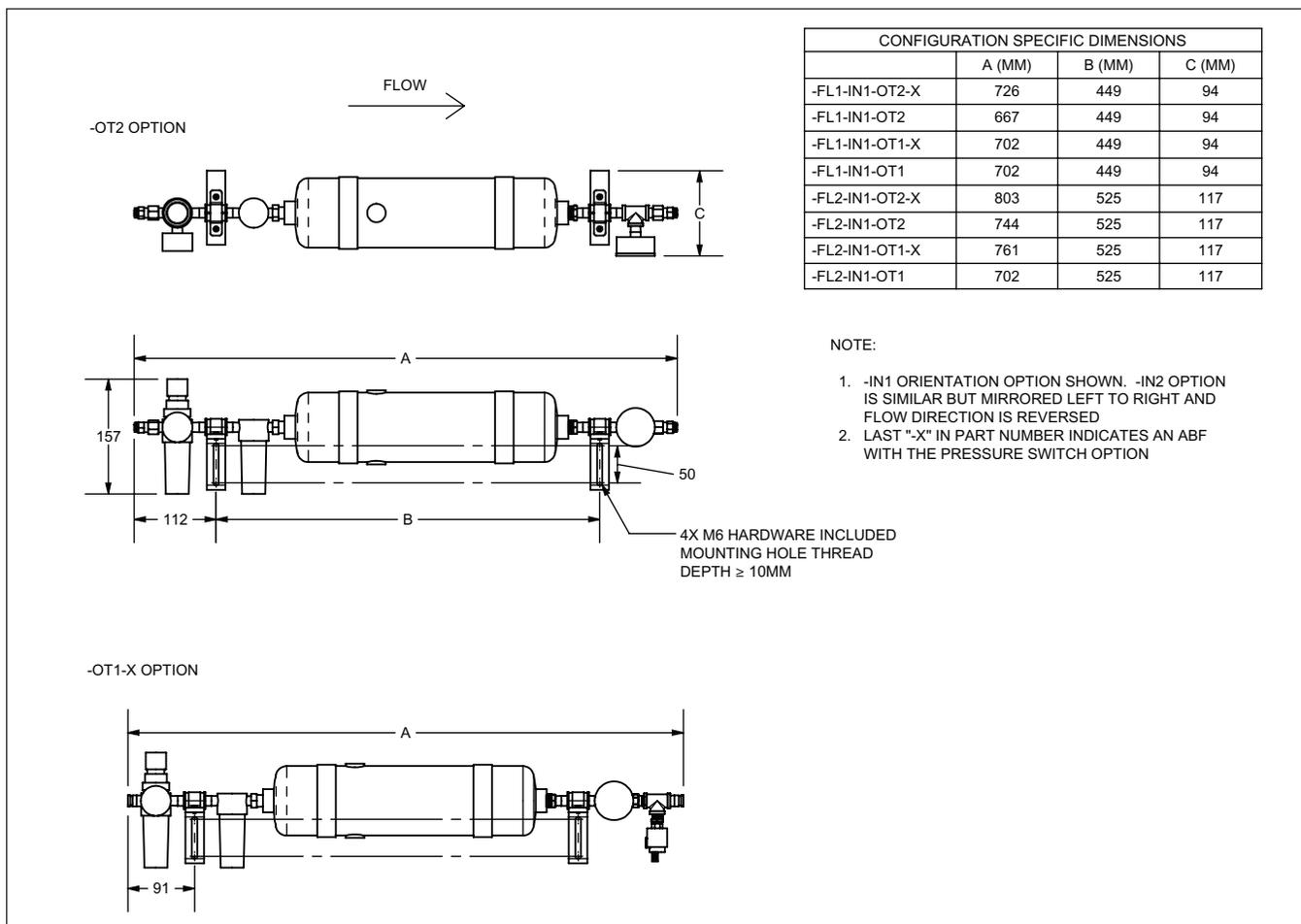
Compatible with all Aerotech air-bearing stages – both linear and rotary

Optional low pressure switch helps protect air-bearing mechanics in the event of air pressure loss

Left- or right-hand air inlet options along with a convenient two-point angle bracket mount increases accessibility



ABF Series Dimensions



ABF Series **Ordering Information**

Flow Rate (Required)

| | |
|------|----------------------------|
| -FL1 | Flow rate up to 23.9 SLPM |
| -FL2 | Flow rate up to 168.3 SLPM |

Inlet Side (Required)

| | |
|------|------------------|
| -IN1 | Left side inlet |
| -IN2 | Right side inlet |

Fitting Type (Required)

| | |
|------|---------------------------|
| -OT1 | English one-touch fitting |
| -OT2 | Metric one-touch fitting |

Pressure Switch (Required)

| | |
|------|--|
| -PC1 | Pressure switch with 26-pin high density D connector |
| -PC2 | Pressure switch with flying leads |
| -PC3 | Pressure switch for ML/MP drive with flying leads |
| -PC4 | Pressure switch for Npaq MR/Epaq MR |
| -PC5 | Pressure switch for Npaq |
| -PC6 | Pressure Switch for Automation1-XR3 |
| -PC7 | Pressure Switch for Automation1-XC2/Automation1-XL2 |

Cable Length (Required)

| | |
|-----|--|
| -xx | Cable length for pressure switch in dm (1 meter = 10 dm) Minimum length = 10 dm, maximum length = 50 dm |
|-----|--|

Breakout Block (Optional)

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|------|---|
| -BB1 | 15-pin D breakout block, 7.6 dm of cable |
| -BB2 | 25-pin D breakout block, 9.1 dm of cable |
| -BB3 | 26-pin HD breakout block, 7.6 dm of cable |

Power Supply (Optional)

| | |
|------|---------------------------------------|
| -PS1 | Power supply assembly, 24 VDC 3.2 amp |
|------|---------------------------------------|

Integration (Required)

Aerotech offers both standard and custom integration services to help you get your system fully operational as quickly as possible. The following standard integration options are available for this system. Please consult Aerotech if you are unsure what level of integration is required, or if you desire custom integration support with your system.

| | |
|------|---|
| -TAS | Integration - Test as system Testing, integration, and documentation of a group of components as a complete system that will be used together (ex: drive, controller, and stage). This includes parameter file generation, system tuning, and documentation of the system configuration. |
| -TAC | Integration - Test as components Testing and integration of individual items as discrete components that ship together. This is typically used for spare parts, replacement parts, or items that will not be used together. These components may or may not be part of a larger system. |