

FC-BRV-02-OP

Blast-Resistant Overpressure Dampers

FC-BRV-02-OP overpressure dampers are derived and optimized from FUCARE's worldwide proved product line, FC-BRV-02 RAPID BLAST DAMPER. It features high performance protection against blast waves with peak pressure reflected up to 2 bar and duration to 40 ms.

[Features & Benefits]

- **High-level protection**
Stand multiple blast impacts with peak pressure reflected up to 200KPa and duration of 40ms.
- **Stand multiple blast hits and remain functions**
Enhanced rigid body can stand multiple blast hits without any damage.
- **Light blade design**
Thanks to patented supporting frame, the light blade applied enable its fast response to overpressure change.
- **Adjustable opening pressure**
This allow customers to optimize the flow system by own.



[Product Specifications]

Material Options: Epoxy coated steel / HGS / SS304 / SS316
 Designed blast pressure: 2 bar Reflected
 Designed impulse duration: 40 ms
 Adjustable opening pressure: 40 Pa – 100 Pa
 Preset opening pressure: 50 Pa

[Certificates]

Product is type tested at UKERT lab in United States for its blast resistant performance.

[ATO Part Number]

FC-BRV-02-OP- [A]-[B]-[C]

A	B	C
Material	Width (mm)	Height (mm)
1- SS316	0100	0100
2-SS304	0150	0150
3-HGS	0200	0200
4-Epoxy coated steel	0250	0250

Note: For more information of product solution, please contact FUCARE sales representative or local distributors.