

FC-BRD-01-S Sliding Blast Doors



FC-BRD-01-S Sliding Blast Doors are designed to block the blast waves through passage ways into the protected buildings. Its steel structure assures the reliable protection against blast impacts under tough conditions such as high temperature or fire. FC-BRD-01-S Sliding Blast Doors could serve wide range of applications, including civil defense, OGP, new energy and other applications where blast-resistant protection is required.

FC-BRD-01-S is being able to stand blast impacts with peak pressure up to 20bar for long duration upon request.

[Features and Benefits]

- **Customized blast resistance performance**
Sliding blast door would be designed and manufactured with protection performance in line with request of customer.
- **Comprehensive automation system**
Optional functional and safety kits including audio/visual warning kit, infrared barrier detection kit, security access card reader kit, etc.
- **Great durability by heavy-duty door hardware**
Door hardware designed for heavy-duty applications in long term.
- **Customized coating**
Door’s coating could be customized upon requests.

[Order Number]

ATO PN: FCBRD01-S-[A]-[B]-[C]-[D]

A	B	C	D
Model	Door Leaf	Width (mm)	Height (mm)
E–Motorized M–Manual open/close	SL – Single DL – Double	Opening width	Opening height

[Technical Data]

Designed protection grade	Up to 20 bar for long blast duration. Customized protection grade is available upon request.
Material of door/frame	Galvanized steel with shop primer (Stainless versions are available upon request)
Trolley	Carbon steel with coating
Door operation	Heavy-duty motor drive, with switch for manual operation in emergency. Electric specification meets local power standard of project site. Manual operation is optional upon request.
Functional/Safety kits	Control panel (Standard) Audio/Visual operating alert kit (Standard) Infra barrier detection kit (Standard) Access control kit (Optional) Manual lock (Optional)

[3rd Party Test]

Blast test conducted according to standard ASTM F2927(12) by Intertek.

Fire test conducted according to NFPA 252(2017), CAN ULC S104(2015),

UL 10C(2016), UL 10B(2015) by Intertek.

Test reports are available upon request.

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Innovations for better protection

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