



**Customer Service**  
**Dependability**  
**Integrity – Quality**

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### ***The a-fabco Advantage***

a-fabco understands the significance its customers place on having working radiation protection that performs trouble free day to day, year to year. We realize the significance of down time which is why we build our doors to a higher standard, minimizing the chance of service interruption. These quality doors keep our customers happy doing what they do best...taking care of patients.

### ***The a-fabco Sliding Neutron Door System***

a-fabco's design team has developed a Sliding Neutron Door System specifically from industry and customer feedback. We designed this system to ensure that our customers will have a problem free shielding solution for years to come.

Just a few of the a-fabco advantages that have been designed in to our Sliding Neutron Door System include:

#### RESEARCH AND DESIGN

- Larger structural members such as columns, beams, and structural hardware to ensure limited deflections and movement of the overall door assembly.
- Overdesigned sliding bearing assemblies to ensure a working door for years to come.
- Top of the line brookfield industries door operators for years of un-interrupted use of your door.
- In-House Engineering assistance to answer any of your Sliding Neutron Door System questions.

#### DOOR SAFETY FEATURES

- Pressure sensitive tape switches on the face of the door automatically reverse it to prevent injury during closing.
- Optional infrared presence sensors monitor the area around the opening and prevent the door from closing if a person is in a danger zone.
- Multiple input and output features through the PCL control panel. Owner controlled functions include; 1) door stop; 2) door open; 3) door partial open; 4) door close; customized functions are also available.

#### OUR COMMITMENT TO SAFETY

- A battery backup is standard on any door installation that includes an operator, enabling the door to open in the event of a power failure.
- An optional manual hand crank assembly is available so that your door can be opened during extreme conditions.
- A mechanical disconnect option allows the door to be disconnected from the mechanical drive system and be manually pushed open if necessary giving the ultimate peace of mind.

We are always thinking of new ideas to ensure that our customers have a problem free experience.



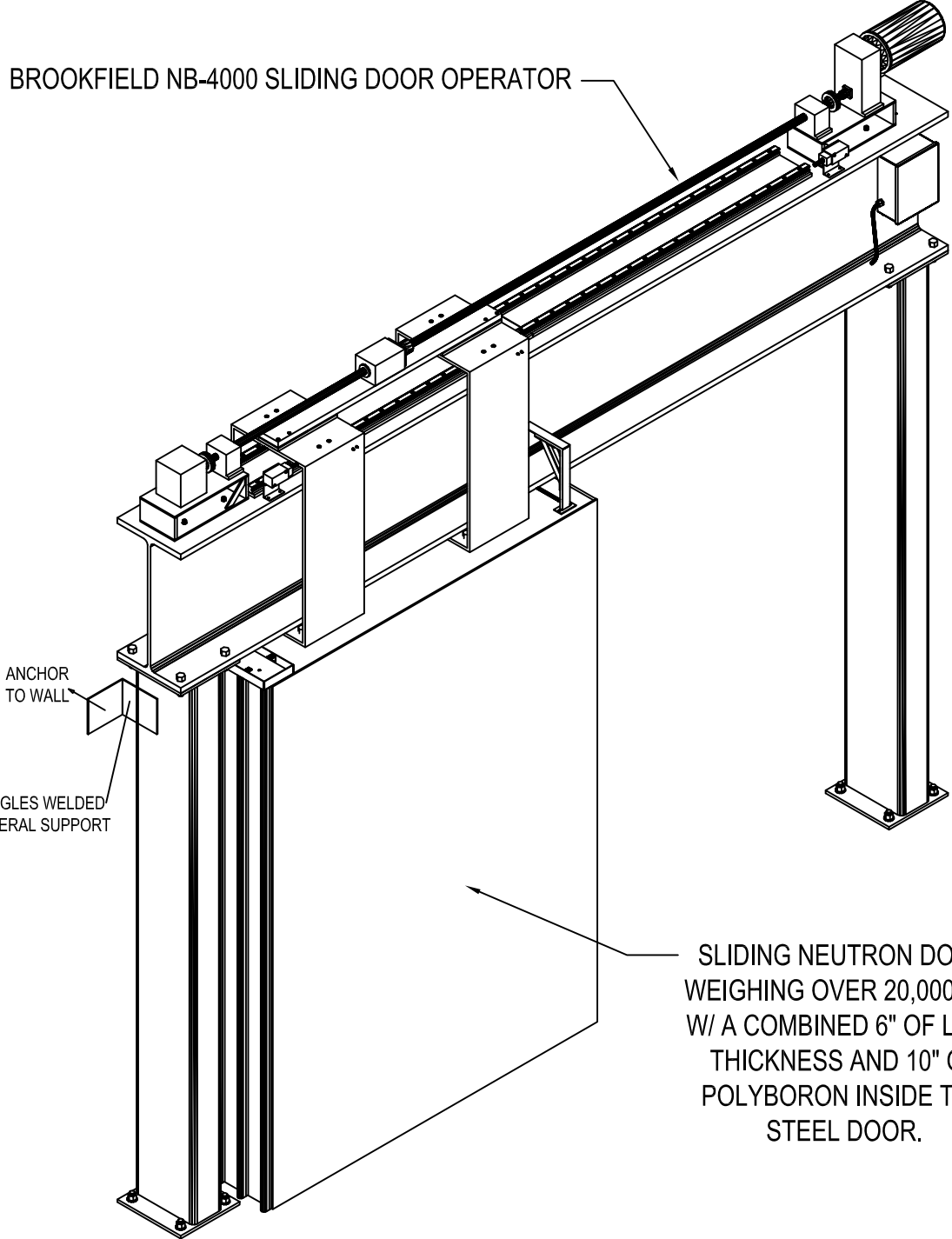
# a-fabco

## Sliding Neutron Door System

SK-1

04/11/08

BROOKFIELD NB-4000 SLIDING DOOR OPERATOR

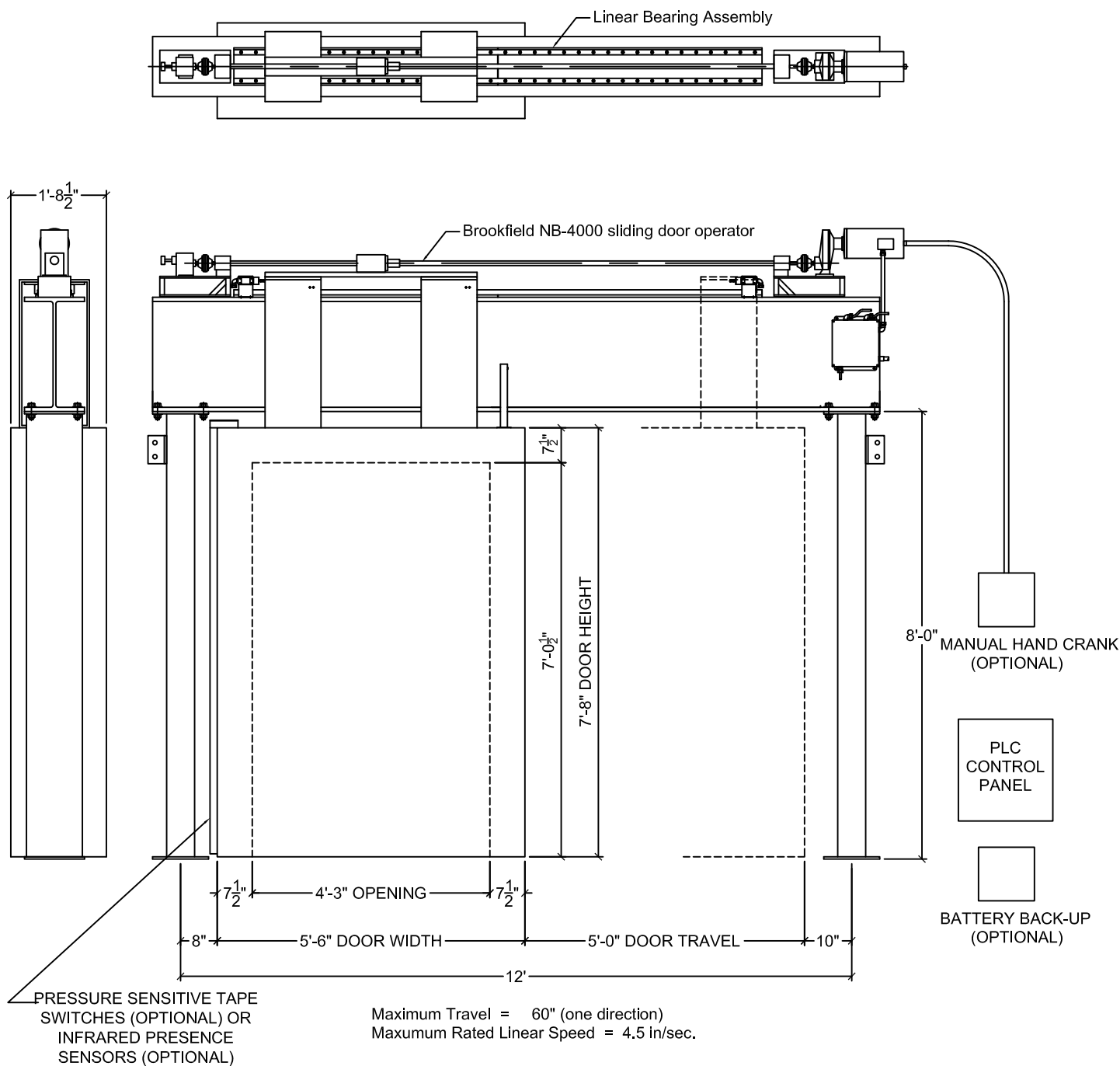




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## Sliding Neutron Door System

SK-2  
04/11/08



**ALL DIMENSIONS ARE APPROXIMATE AND FOR REFERENCE ONLY**

NOTE: The PLC is programmed by the manufacturer to accept input signals from an external (4) button station (including open, partial open, close and stop commands). Additional I/O are featured to accommodate inputs from infrared presence sensors and pressure sensitive tape switches that will either stop or reverse the door to the open position, when activated in the closing cycle. Unit includes 24VDC battery backup with float charger.



# a-fabco Sliding Neutron Door System

SK-3  
04/11/08

