

DYNAMIC FLOOD SOLUTIONS



D3DQA

Watertight Door with Mechanical Seals

This fast-acting watertight door is ideal for openings with frequent traffic that need to be quickly and easily sealed in the event of flooding.

Because the D3DQA is engineered with mechanical seals, no air pressure or power is needed; and maintenance requirements are minimal.

Every door is custom built to exacting dimensions for new or existing construction. For existing openings, frame is mounted to building with expansion anchors; for new construction, the frame is poured in place.

COMPLETE FLOOD PROTECTION WITH THE TURN OF A HANDLE

Simply close the door and turn the handle ¼ turn to securely seal the door on all four sides. The standard model protects to 25' head (higher heads are available).

APPLICATIONS — THE D3DQA AT WORK...

The D3DQA is ideal for Water Treatment Facilities, Sewage Treatment Plants and Pumping Stations; as well as mechanical and equipment rooms in any critical facility.

- ▶ Compression gasket provides maximum protection with minimum maintenance
- ▶ No need for compressed air
- ▶ Provides watertight seal on all four sides of door
- ▶ Appropriate for either new or existing construction



PRODUCT SPECIFICATIONS

D3DQA

Size	Custom built to match opening size
Panel	ASTM A36 Structural Steel Plates and Shapes (stainless steel and 6061-T6 aluminum available)
Seals	Presray type 25 durometer, fully-molded neoprene (other materials available for special environmental conditions)
Hardware	Hinges: Bronze, oil-impregnated thrust bearing with stainless steel pins Latch System: Lever actuates minimum of six arms with stainless steel rollers – adjustable for stroke length and position (Handwheel optional)
Finish	Primed with rust inhibitive, lead free, red primer

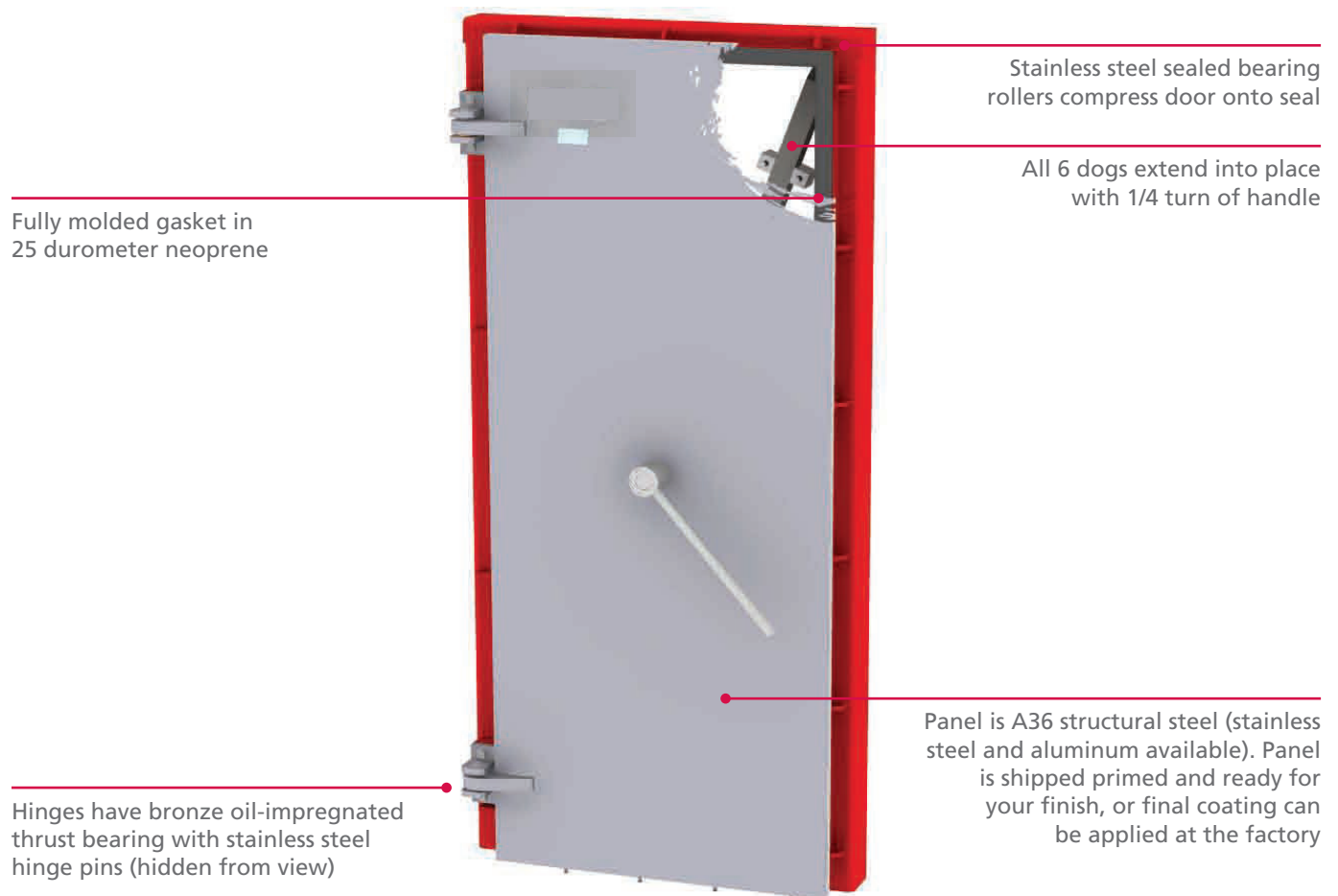
AVAILABLE OPTIONS

- ▶ Viewing Panel
- ▶ Handwheel instead of a lever for latch system
- ▶ Door available in type 304 stainless steel, 316 stainless steel, and 6061-T6 aluminum
- ▶ Gaskets available in Viton® and other materials

CUSTOM BUILT TO MEET YOUR REQUIREMENTS

Every D3DQA Watertight Door is custom built from shop drawings to ensure that it meets the special needs of your facility.

Doors are designed with a minimum of 2:1 factor of safety based on material yield strength, and will provide an effective seal against the flood level for which it is designed.



FOR MORE INFORMATION

778-300-7809 info@floodsolutions.ca