
Marine evacuation system – VIKING, VES-DD, 4, Dual track slide

Item no.: VES-DD

The VES-DD system is certified by DNV in accordance with SOLAS/MED requirements. RMRS and relevant flag state approvals. The system can be stored almost anywhere on board and remotely released as needed.

- Ability to evacuate 657 persons in 30 minutes and 386 persons with 17 minutes and 40 second
- Embarkation height between 6 and 15 meters above waterline.
- Available with reduced, A or B SOLAS emergency pack
- Simple to operate and requires few crew members
- Flexible installation and capacity





Passenger

Technical Data, VES-DD aluminum

The VIKING Evacuation Slide system, VES-DD, consists of a slide with a length from 12 meters to 18 meters, a 100 persons platform, an entry door that is fixed to the shipside and a Bowsing winch.

The platform is connected to the slide. Additional liferafts can be positioned near the VES-DD system and released by means of a remoted release system. A connection line ensures connection between additional liferafts and the inflated VES-DD system.

STOWAGE HEIGHT	Max 6 m and max 13.2 m. above waterline in lightest seagoing condition	
EVACUATION CAPACITY	657 persons within 30 min. (SOLAS regulation) 386 persons within 17 min. 40 sec. (SOLAS-HSC regulations)	
PLATFORM	100 persons self-draining platform	
LIFERAFT	Approved with 101 persons self-righting liferaft with a SOLAS A or B emergency pack Approved with 51 persons self-righting liferaft with a SOLAS A or B emergency pack Approved with 25 persons self-righting liferaft with a SOLAS A or B emergency pack Approved with 101 persons open reversible liferaft with reduced emergency pack Approved with 51 persons open reversible liferaft with reduced emergency pack Approved with 25 persons open reversible liferaft with reduced emergency pack	
	System	Door
LENGTH	2420 mm	2510 mm
HEIGHT	2000 mm	2360 mm
WEIGHT	1700 - 2000 kg	250 kg
DEPTH	2100 mm	
APPROVALS - SYSTEM	SOLAS 74, Reg. III/4 & III/34, as amended by IMO Res. MSC 48(66) and IMO Res. MSC 81(70) EC type approval acc. to EC Directive 96/98/E	
APPROVALS - LIFERAFTS	SOLAS, IMO, USCG, MCA, EC and other national authorities	
MATERIALS		
SLIDE CASSETTE	Aluminum	
SYSTEM DOOR	Aluminum	
DOOR FRAME	Aluminum	
SLIDE	Nylon webbing covered with natural rubber	
PLATFORM	Nylon webbing covered with natural rubber	
BOWSING WINCH	Anders, 52 ST, Stainless steel, AISI 329	
LIFERAFTS	Nylon webbing covered with natural rubber	
LIFERAFT CONTAINER	GRP	



Passenger

INTERFACE TO SHIP

The system is bolted to the ship's structure with 14 x M16 galvanized bolts

DESIGN CRITERIA

The structure is designed with safety factor 4.5 and the falls, links, blocks are designed with a safety factor 6

ACTIVATION

The system is activated by one handle. The handle releases pressured nitrogen (N₂) that opens the system door. The slide is pulled out and immediately starts to inflate with nitrogen (including 50% over capacity) and air aspirators. The slide system does not require an external power supply.