
Marine evacuation system – VIKING, VEMS, MiniSlide

Item no.: VEMS

The VEMS system is certified by DNV in accordance with SOLAS/MED requirements and relevant flag state approval. During inflation, the bowing system starts and the bowing proceeds until the bowing lines are pulled out of the splittubes.

- Embarkation heights with a max of 3.3 meters
- Can be combined with a wide range of liferaft types
- Few crew required and minimal specialized training
- Quick and simple mounting and dismounting for service
- Ability to evacuate 501 person within 30 minutes and 303 persons within 17 minutes and 30 seconds





Passenger

Technical Data, VEMS 1x100 reduced emergency pack system 3.1

The VIKING Mini Slide system, VEMS, consists of a slide with a length from 2.8 meter to 5 meter, 100 persons liferaft and two bousing winches. The system is packed into a container and stowed on a rack by means of lashing strap. The slide is connected and packed into the liferaft. Additional liferafts can be positioned near to the VEMS system and released by means of a remote release system. A connection line ensures connection between additional liferafts and the inflated VEMS system. The system is available for long international voyage (A-pack), short international voyage (B-pack) and voyage within protected waters.

STOWAGE HEIGHT	Max 3.3 m above waterline in lightest seagoing condition
EVACUATION CAPACITY	501 persons within 30 min. (SOLAS regulation) 303 persons within 17 min. 40 sec. (SOLAS-HSC regulations)
LIFERAFT	Approved with 101 persons open reversible liferaft with reduced emergency pack DKR
LENGTH	2000 mm
DIAMETER	1000 mm
WEIGHT	500 kg
APPROVALS - SYSTEM	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	
BOWSING WINCH	Andersen 52 ST Stainless steel, AISI 329
SLIDE	Nylon webbing covered with natural rubber
LIFERAFTS	Nylon webbing covered with natural rubber
LIFERAFT CONTAINER	GRP
INTERFACE TO SHIP	The system/rack is welded to the ships structure.
DESIGN CRITERIA	The structure is designed with safety factor 4.5.
ACTIVATION	The system is activated by pulling the slip-hook or by means of the remote release system. The liferaft container falls into the water and the bousing of the system starts immediately. During bousing the inflation of the liferaft starts and continuously the bousing of the system proceeds until the bousing lines are pulled out of the splittubes.