



VIKING EVACUATION MINI SLIDE, VEMS 3.1

Technical Data, VEMS 1x100 reduced emergency pack system.

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 bowsing 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 a reduced emergency pack DKR
LENGTH	2000 mm
DIAMETER	1000 mm
WEIGHT	500 kg
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/EC
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 bowsing of the system starts immediately. During bowsing the inflation of the liferaft starts and continuously the bowsing of the system proceeds until the bowsing lines are pulled out of the splittubes.