



VIKING EVACUATION MINI CHUTE, VEMC 1.18

Technical Data, VEMC 1x150 A-pack system.

The VIKING Evacuation Mini Chute system, VEMC, consists of a frame, a chute-pack, a liferaft in a container, and a bowing winch. The liferaft containers are mounted on the frame by means of lashing straps. Additional liferafts can be positioned near to the VEMC system and released by means of a remote release system. The VEMC system itself can also be remote released if required. A connection line ensures connection between additional liferafts and the inflated VEMC system. The system is available for long international voyage (A-pack).

STOWAGE HEIGHT	Min. 6.1 - max. 20.2 m above waterline in lightest seagoing condition
EVACUATION CAPACITY	582 persons within 30 min. (SOLAS regulation) with 1 EscapeWay™ chute 326 persons within 17 min. 40 sec. (SOLAS-HSC regulations) with 1 EscapeWay™ chute
LIFERAFT	Approved with 153 persons self-righting liferaft with a SOLAS A emergency pack
LENGTH	2390 mm
DEPTH	1565 mm
HEIGHT	2360 mm
WEIGHT	1720 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	
SYSTEM FRAME	Steel, metallized and painted
CHUTE SECTIONS	Outer and inner liner of synthetic fabric Each section mounted on stainless steel rings
BOWSING WINCH	Andersen 52 ST Stainless steel, AISI 329
WIRES	Galvanized or stainless steel
INSULATION PLATES	Nylon, PEDH
LIFERAFTS	Nylon webbing covered with natural rubber
LIFERAFT CONTAINER	GRP
INTERFACE TO SHIP	The system is bolted to the ships structure with 6 x M20 galvanized bolts.
DESIGN CRITERIA	The structure is designed with safety factor 4.5.
ACTIVATION	The system is activated by pulling the slip-hook or alternative by the remote release system, type Hammar (optional). By gravity acting on the liferaft container, the container will start moving down the frame and start tilting the chute package. The liferaft's inflation is activated manually by pulling the painter line from installation deck. The liferaft will automatically pull the chute into the liferaft when inflating.