



Marine evacuation system – VIKING, SBS, MiniSlide

Item no.: SBS

The SBS MiniSlide system is certified by DNV in accordance with SOLAS/MED requirements and the relevant flag state approvals. The system offers safe evacuation with a Single Bowsing System in a convenient, cost-effective package.

- Ability to evacuate 153 persons within 17 min. 40 sec
- Simple installation with few installation parts on ship side
- Embarkation heights between 1,5 and 3,2 meters above waterline
- Free-moving slide and elastic bowsing lines protect against tearing
- Easy, reliable deployment - only requires one crew member
- Durable quality that is easy to service
- Slide can be packed in a ALU bag





Passenger

Technical Data, SBS with 3m SOLAS MiniSlide

The VIKING Simple Bowsing System (SBS) for High-Speed Crafts (HSC) and smaller ferries is designed for evacuating 51, 101 and 153 persons with VIKING quality in a convenient, cost-effective package. The liferaft container is installed on the vessel close to the evacuation door. The slide is packed in a valise, which is placed on the vessel behind the evacuation door or nearby, ready to manually hook onto two padeyes on the deck at the evacuation door after liferaft inflation and positioning against vessel side. The VIKING SBS is available in direct-boarding liferaft configurations, or with SOLAS-approved slides in three different sizes for various evacuation heights. The VIKING SBS with a 3m minislide is for evacuation heights from 1.5m to 2.1m and is suitable for the following liferaft types and sizes.

STOWAGE HEIGHT 1.5 m - 2.1 m above waterline in lightest seagoing condition

EVACUATION CAPACITY 153 persons within 30 min. (SOLAS regulation)
153 persons within 17 min. 40 sec. (SOLAS-HSC regulations)

LIFERAFT Approved with 51 persons self-righting liferaft with a SOLAS B emergency pack
Approved with 101 persons self-righting liferaft with a SOLAS B emergency pack
Approved with 153 persons self-righting liferaft with a SOLAS B emergency pack
Approved with 101 persons open reversible liferaft with a reduced emergency pack
Approved with 153 persons open reversible liferaft with a reduced emergency pack

50 B-pack	100DKS B-pack	150DKS B-pack	100DKR	150DKR
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LENGTH 155 cm 200 cm 200 cm 155 cm 200 cm

DIAMETER 92 cm 107 cm 122 cm 92 cm 107 cm

WEIGHT 280 kg 525 kg 850 kg 330 kg 410 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 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.