

**DESCRIPTION**

Marine mist eliminator louvers DSHF are destined for installation on steel or aluminum walls of superstructure walls of seagoing ships and offshore objects as air intakes of ventilation systems. Louvers consist of flanged, drilled frame, a set of easy detachable filtering cassettes and hinged, framed high efficiency mist separating profiles, specially shaped. Front access to filter removal after opening of demister. Louvers are provided with weathertight cover (hatch). Material: frame, cover, grating for filter cassettes – carbon mild steel; mist eliminator profiles – sea water resistant aluminum; shafts – stainless steel; filter material – synthetic fibre; swing-out nuts – brass.

Profiles arrangement (in dependence to demister position):

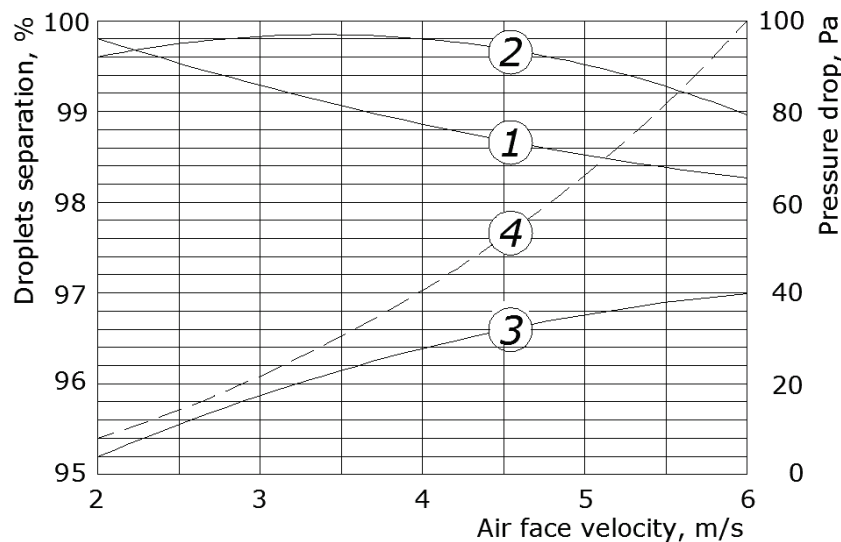
- S – demister fitted to star board bulkhead (shown on the drawing),
- P – demister fitted to port bulkhead (mirror view).

Cover hinges position:

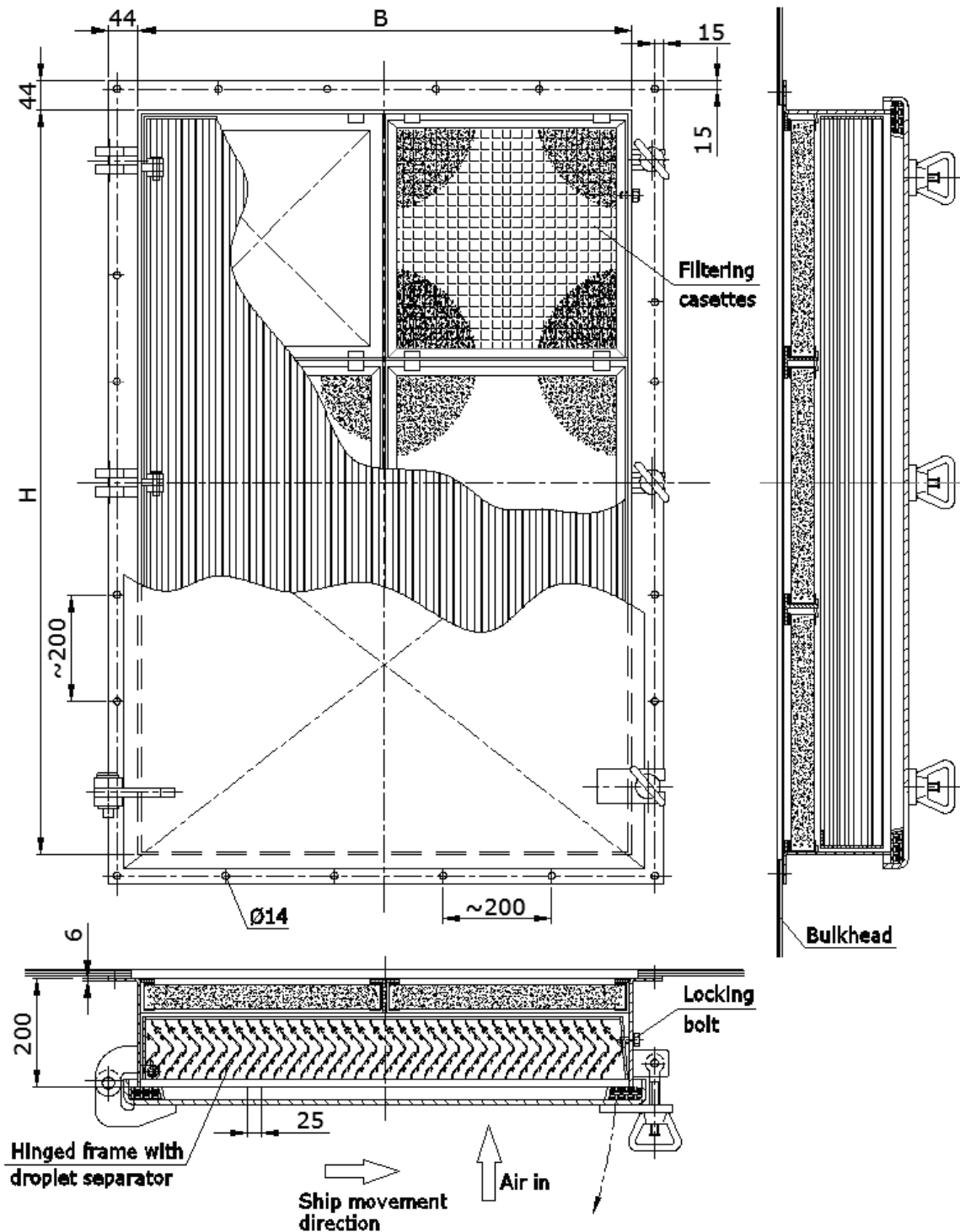
- top,
- bottom,
- right,
- left.

Filter class – G4 acc. to EN 779:2002. Recommended air face velocity: 3 m/s. Initial pressure drop: 90 Pa. Recommended final pressure drop: 280 Pa. Other filter classes and types available on request.

Surface treatment: hot-dip galvanized. Preservation with set of marine paints available on request.

**PERFORMANCE CHART**


- ① - rain, droplets 100 µm, 10 litres/min/m<sup>2</sup>
- ② - rain, droplets 100 µm, 25 litres/min/m<sup>2</sup>
- ③ - fog, droplets 30 µm
- ④ - pressure drop across demister, Pa

**DIMENSIONS**

**MARKING**

**Example:** DSHF type demister louver of dimensions B=1200, H=1800 and for installation on star board bulkhead: star board bulkhead S and cover "top" hinged: DSHF-1000x1800-S-TOP