

## EC Type Examination Certificate



This is to certify that the propulsion engines covered by the below mentioned engine family complies with the emission limits of the Recreational Craft Directive 94/25/EC, last amended by Directive 2003/44/EC.

**Certificate No.:** 68906-13 HH

**Manufacturer:** AB Volvo Penta  
Gropegårdsgatan  
40508 Gothenburg  
Sweden

**Description:** 4-stroke diesel inboard engine with and without integral exhaust

**Engine family:** D13-MP (engine types according to the annex of this certificate)

**Parent engine:** D13C4-A MP

**Module:** B - "EC Type Examination" according to annex VII of the Directive

**Basis of examination:**

- Exhaust emission measurement of the selected Parent Engine in accordance with ISO 8178-1:1996.
- Verification of the relevant technical documentation submitted by the engine manufacturer.

**Results of examination:** The engine family described above meets the essential requirements for exhaust emissions from propulsion engines of Directive 94/25/EC, last amended by 2003/44/EC, annex I, part B regarding:

- I. B. 1. Engine identification
- I. B. 2. Exhaust emission requirements
- I. B. 3. Durability
- I. B. 4. Owners manual

Hamburg, 2013-09-04

**Germanischer Lloyd**  
EU-Certification for Recreational Craft  
Code-No. 0098

**Head of Certification Body**

  
(D. Brügge)



## Annex to EC Type Examination Certificate



Certificate No.: 68906-13 HH  
Date of primary issue: 2013-09-09  
Engine family: Volvo Penta D13-MP

### Engine types of the engine family:

Engine type	Cylinder	Rated power [kW]	Rated speed [rpm]
D13C1-A MP	6	588	2300
D13C2-A MP	6	588	2300
D13C2-A MP	6	662	2300
D13C3-A MP	6	515	2300
D13C4-A MP	6	515	2250
D13C4-A MP	6	588	2300

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