



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	AB Volvo Penta					
Address	AB Volvo Penta, Gothenburg, SE-40508, Sweden					
Place of Production	AB Volvo Penta Vara Volvofabriken 1, Vara, 534 91, Sweden					
Type	Internal Combustion Engines					
Description	Diesel Engine					
Trade Name	D16 MH MG					
Application	Main Propulsion, Auxiliary, Emergency					
Specified Standard	Rules and Regulations for the Classification of Ships, July 2021 - Part 5, Chapter 2 Rules and Regulations for the Classification of Special Service Craft, July 2021 - Part 10, Chapter 1					
Ratings	D16 - MH ⁽¹⁾					
	R1				R2	
Power (kW)	441	478	532	551	588	625
Speed (rpm)	1800	1800	1800	1900	1900	1900

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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D16 - MG ⁽²⁾			
Power (kW)	532	532	585
Speed (rpm)	1500	1800	1800

- (1) - for propulsion applications
(2) - for auxiliary and emergency applications

Other Conditions

- It is to be noted that the storage capacity of the starting system is not part of the engine manufacturer's scope of work and therefore it is excluded from this approval.
- The Main Propulsion application is limited to multi-engine installations only.
- Approval of this engine type is subject to maintaining the Type Approval of the Control System listed on the Machinery General Design Appraisal number UKITSO/36502621/ENG-MCH.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 06/00039 (E2)

The Design Appraisal Document LR21411130DAD-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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