

APPROVAL CERTIFICATE



Certificate No. 35781-06 HH

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THIS IS TO CERTIFY that the undernoted engine manufacturer has been approved in accordance with the relevant requirements of the GL Approval System

Engine Manufacturer **Motorenfabrik Hatz GmbH & Co. KG**
94099 Ruhstorf a.d. Rott, Germany

Place of engine built **Motorenfabrik Hatz GmbH & Co. KG**
Ruhstorf a.d. Rott, Germany

Product **Diesel Engine**

Engine Series / Type **(L,M)41**

Technical Data

	2	3	4
No. of Cylinders	2	3	4
Cylinder Diameter [mm]	102	102	102
Stroke [mm]	105	105	105
Rated Power [kW/Cylinder]	11.85	11.93	11.95
Rated Speed [1/min]	3000	3000	3000
Max. Firing Pressure [bar]	65	65	65
Application	Auxiliary	Auxiliary	Auxiliary

Approval Standard **GL-Regulations for Mass Produced Engines, July 1987**

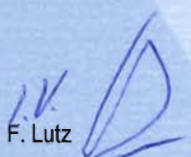
GL-Registration No. **SM - 354**

Approval Documents **05-027604, 05-052964, 05-118416, 05-145443, 12-092838, 83-56080**

This Certificate is valid from **2012-08-21 until 2018-08-21**

Hamburg, 2012-08-21

Germanischer Lloyd


F. Lutz


R. Michael

The latest edition of the General Terms and Conditions of Germanischer Lloyd is applicable. German law applies.