Certificate No: LR23393785TA
Issue Date: 10/11/2023
Expiry Date: 08/09/2028

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 **Henan Diesel Engine Industry Co.,Ltd**

Address No.173 Zhongzhou Xi Road, Luoyang, 471039, China

Place of Production Henan Diesel Engine Industry Co.,Ltd

No.173 Zhongzhou Xi Road, Luoyang, 471039, China

Type Internal Combustion Engines

Description V type, 4 stroke, direct injection, turbocharged, intercooler, non-reversible Internal combustion engine

Trade Name HND

Application Main auxiliary drive

Specified Standard Lloyd's Register Rules and Regulations for the Classification of ships July 2022, Part 5, Chapter 2

Ratings

Engine Type	Power (kW)	Speed (rpm)
TBD234V6	205	1500
TBD234V8	273	1500
TBD234V12	410	1500
TBD234V6	228	1800
TBD234V8	303	1800

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Jing Guan

Engineering-Machinery Senior Specialist to Lloyd's Register Classification Society (China) Co., Ltd.

12th Floor, Chong Hing Finance Centre, No. 288
Nanjing West Road, Shanghai, 200003, China

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TBD234V12 444 1800
Maximum firing pressure (bar): 134.6 @1500rpm
142.6 @1800rpm
MIP (bar): 16.87@1500rpm
15.75@1800rpm
Bore x Stroke: 128 mm x 140 mm

Other Conditions This Type Approval relates to the mechanical aspects of the engine only. The engine management system should be subject to its own independent LR Type Approval.

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 Classification Society (China) Co., Ltd. of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 18/80087(E1)

The Design Appraisal Document LR23393785TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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