

CROATIAN REGISTER OF SHIPPING



Certificate No. 02-004300/026077

TYPE APPROVAL CERTIFICATE

This is to certify that this product complies with the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

DIESEL ENGINE

Type
QSB 6.7

MANUFACTURER:

CUMMINS Inc. RMEP
9377 US Hwy 301
North Whitakers, NC 27891
USA

CUMMINS Ltd.
Yarm Road, Darlington
County Durham, DL14PW
United Kingdom

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

Rules for the Classification of Ships, Part 9-Machines

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: **2028-03-03**

Place and date: Split, 2024-01-30

Seal

Marinko Popović, dipl.ing.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

DETAILED PRODUCT DESCRIPTION:

Number of cylinders	6
Cylinder arrangement	In-line
Working cycle	4- stroke
Cylinder bore (mm)	107
Stroke (mm)	124
Kind of fuel	Liquid
Fuel injection	Electronically controlled, direct injection type
Valve operation	Cam control
Turbocharging system	Turbocharged with charge air cooling

APPLICATION / LIMITATIONS:

Application: Propulsion engines

Engine model	QSB6.7-M			
Rated power (kW)	169	184	224	261
Rated speed (rpm)	3000	2600	2600	2800
Rating*	I	H	MC	I

Application: Propulsion engines

Engine model	QSB6.7-M				
Rated power (kW)	261	280	313	353	404
Rated speed (rpm)	3000	3000	3000	3300	3300
Rating*	HO	I	I	HO	HO

*Reference is made to Manufacturer marine rating classification.

Power ratings (at the same rated speed) lower than those stated is accepted as long as they are within the values approved by engine designer.

TYPE APPROVAL DOCUMENTATION:

Approved by the Croatian Register of Shipping with letter No.(dated):

2056/TS/IA/023498	(2013-09-20)
486/TS/IA/023871	(2016-03-03)

MARKING OF PRODUCT:

- manufacturer's mark
- location and year of final fitting
- CRS mark

CONDITIONS FOR CERTIFICATION:

Signalization and protection related to the engine shall be subject to CRS approval in each particular case and will depend on service applied and the degree of automation of the engine plant.