



Certificate No. 02-004235/026005

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
4M06

MANUFACTURER:

Société Internationale Des Moteurs Baudouin
Technoparc du Brégadan
13260 Cassis
France

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: 2027-12-07

Place and date: Split, 2023-12-07

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	4	
Cylinder arrangement	In-line	
Working cycle	4- stroke	
Cylinder bore (mm)	89	
Stroke (mm)	92	
Kind of fuel	Liquid	
Fuel injection	Cam control, direct injection type	
Valve operation	Cam control	
Turbocharging system	4M06G20/5 – G2D0/S:	Naturally aspirated
	4M06G25/5 – G25/6 – G4D0/S:	Naturally aspirated
	4M06G35/5 – G33/6 – G6D0/S:	With turbocharging, without aftercooling
	4M06G44/5 – G8D0/S:	With turbocharging, without aftercooling

APPLICATION / LIMITATIONS:

Application: Auxiliary and emergency genset engines

Engine model	4M06G20/5 – G2D0/S	4M06G25/5 – G4D0/S	4M06G25/6 – G4D0/S
Rated power (kW)	18	23	27
Rated speed (rpm)	1500	1500	1800
Mean effective pressure (bar)	6,3	8	7,8
Mean indicated pressure (bar)	6,9	8,8	8,6
Max. firing pressure (bar)	135	135	135

Application: Auxiliary and emergency genset engines

Engine model	4M06G35/5 – G6D0/S	4M06G44/5 – G8D0/S	4M06G33/6 – G6D0/S
Rated power (kW)	30	36	36
Rated speed (rpm)	1500	1500	1800
Mean effective pressure (bar)	10,4	12,5	10,4
Mean indicated pressure (bar)	11,4	13,7	11,4
Max. firing pressure (bar)	135	135	135

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): 59/TSE/DL/026005 (2024-01-10)

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.