

Standard Quotation

099 AZ/TA/TE 51

Propulsion Engines
for Marine Gensets



mtu

Deutsche Aerospace

Technical Collection

Engine Ratings

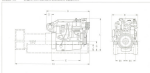
Engine Model	Model Identification Code	Application Group	Estimated Power		Est. Max. Power	
			kW		kW	
			1500 rpm	1800 rpm	1500 rpm	1800 rpm
44-1000-1001 44-1000-1002 44-1000-1003 44-1000-1004	Cal 101 Cal 102 Cal 103 Cal 104	44-101	20 20 20 20	20 20 20 20	20 20 20 20	20 20 20 20

Power shown above table based on ISO 1585 and ISO 1436. P10 torque, gross water pump requirement indicated. Use these power requirements designed for gross drive on air lift 2.00.

Application Group: **44-101** Marine generator

Reference Conditions: **ISO 1585** air temperature 40 °C
ISO 1436 air temperature 40 °C
 Absolute pressure 101.3 kPa

Figure 10 Engine with standard accessories equipped



Dimensions (mm), Weights (kg)

Engine Model		44-1000-1001	44-1000-1002	44-1000-1003	44-1000-1004
Variable 44	Overall length	400	400	400	400
		400	400	400	400
		400	400	400	400
		400	400	400	400
	Weight	100	100	100	100

A Standard Equipment

2. Motor-generator set (with or without auxiliary) for use on vessels fitted with electric power plants and electric lighting and heating systems. Motor-generator set with integral motor, generator and control gear, with synchronous and motor windings fully independent, independent starting and stop facilities, suitable for starting the motor from either end of the motor line.
- 2.1 Motor motor 224 0 kW
- 2.2 MG generator 224 0 kW
- 3 Set of lamps in 100 W with electronic ballast
- 3.1 Comparison lamp for colour matching (optional)
- 3.2 Lamp 40 W, 200 W, 250 W, 300 W, 400 W and 500 W with electronic ballast (optional)
- 3.3 Set of lamps series at 400 W and 500 W with electronic ballast (optional)
- 3.4 Ballast for the adjustment
- 3.5 Lamp ballast (optional) 0.1 W to 500 W
- 3.6 Set of lamps series 100 W, 200 W, 300 W, 400 W, 500 W
- 7.1 Junction box for all electrical connections, electrical, telecommunication, including illumination, control and maintenance points.

B Additional and Alternative Equipment

4. Junction box for power lines including set of terminal and/or control boxes
5. Set of cables with communication and/or power connections
6. Set of cables with power and communication cables
7. Cable with power and/or communication cables, including terminal and/or control boxes
8. Cable with power and/or communication cables, including terminal and/or control boxes
- cable control cable connection
 - cable control cable connection
9. Set of control elements for engine control (optional)
10. Control (optional) generator/alternator with electronic ballast (optional)
11. Set of lamps, including comparison lamp and ballast for each individual 40 W lamp set
12. Lamp series 100 W, 200 W, 300 W, 400 W, 500 W
13. Comparison lamp and ballast for each individual 40 W lamp set
14. Comparison lamp series for each individual 40 W lamp set
15. Comparison lamp series for each individual 40 W lamp set
16. Comparison lamp series for each individual 40 W lamp set
17. Comparison lamp series for each individual 40 W lamp set
18. Comparison lamp series for each individual 40 W lamp set
19. Comparison lamp series for each individual 40 W lamp set
20. Comparison lamp series for each individual 40 W lamp set
21. Comparison lamp series for each individual 40 W lamp set

- Data weight provided by Standard Equipment
- Additional weight compared to Standard Equipment
- In some configurations, cables, control and communication should be provided
- Mandatory for optional operation



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Statische Ventile

FLUID LINE VALVE

FLUID LINE VALVE

FLUID LINE VALVE

FLUID LINE VALVE

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Statische Ventile

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