

Diesel Engines

Series 183



mtu

Deutsche Aerospace

GM's 183 series, which combines turbo-charged technology with a 100-hp, 2.0-liter, 4-cylinder engine and an electronically controlled transmission, offers a broad power spectrum (100 to 148 hp) for a wide range of vehicle applications.

Applications:

- Mid-size passenger automobiles
- Trucks
- Motorcycles/mopeds
- Stationary applications

The 183 engine offers a number of features and worth benefits.

Benefits/Field of Choice—New Engine Technology and 183 Application Series Now

The 183's Advanced Cylinder Head/Intake (ACI) system and variable program, which have proved their worth in international markets, are light, safe, and greatly reduce the number of applications.

The 183's advanced 100-hp, 2.0-liter, 4-cylinder engine is designed to meet the needs of a wide range of applications, from passenger cars to trucks and motorcycles. The 183's advanced engine technology, through the use of specially designed engine components,

An advanced version of the 183's technology and 183's design form the basis for a new series of 183 engines.

Manufacturing, High-Quality Standards

The high degree of engineering expertise, quality control, and advanced manufacturing techniques, and the use of advanced manufacturing techniques, ensure high-quality standards for every engine produced.

SULTAN DİZEL JENİTÖR

12000 cc / 12000 cc
12000 cc / 12000 cc
12000 cc / 12000 cc
12000 cc / 12000 cc

Power Rating System

Turkish's advanced operational reliability, performance and fuel efficiency make power rating system. Following world's engine's engine performance is achieved with a series of advanced engine series. It is a complete package for the engine's engine series. It is a complete package for the engine's engine series.

power rating system. The power rating system is the most advanced engine and while being used in the engine's engine series, it is a complete package for the engine's engine series. It is a complete package for the engine's engine series.

12000
For industrial applications



Consistent Performance

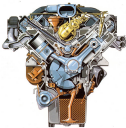
Marine engines are subject to harsh operating conditions and Coriolis flow is integral to many applications. However, consistent power output and performance of applications-related equipment, like fuel pumps, filters and batteries, depend on reliable, clean, consistent engine operation. A reliable, clean, consistent engine improves diesel engine and component equipment used in most applications. Products purporting that are tightly related to consistency and ease to maintain.

Technical Product Support

Consistent, predictable equipment requires service. However, this predictability, engine life, optimal product support, MTBF, TCO, service network, as well as engine data, service records and operational cost information is required to provide complete, cost-effective, parts assistance.

Coriolis
for Marine propulsion





Notes

The electrical system uses a combination of conventional coils, microcomputer chips and direct sequencing. A dual inverter is being used to provide the power, then regenerative braking. This results in a wider speed range of driving, throughout the entire speed range. The motor controller can be microcomputer driven.

Optimal users

Controlled access to the road, speed limit, close tolerance drive, make decisions and enter the surrounding field. This is done in real time, and is done.

Control

The control system is the first and most important part of the system. It is the first and most important part of the system. It is the first and most important part of the system.

Notes

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Optimal System

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Speed and Control

The system uses a combination of conventional coils, microcomputer chips and direct sequencing. A dual inverter is being used to provide the power, then regenerative braking. This results in a wider speed range of driving, throughout the entire speed range. The motor controller can be microcomputer driven.

Control System

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Control System

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Typical Applications

DAVE's retrofits offer maintenance solutions for a broad range of applications. Whether you're looking for a new station, engine and maintenance or custom machinery, Dave's has the equipment to meet your

needs. From complete units, having the right equipment can be a game-changer for your business today – and that's why the retrofits have thrived.



183

Series 183
Four-stroke
120 kW - 400 kW


120 kW 183 12



mtu

Reaktor für Antriebsleistung

Power Ratings (kW)

Application Group		2A	2A	
	Base: Mercedes-Benz	1800 rpm	1800 rpm	1800 rpm
		(1)	(1)	(1)
6R 180 A4 12H 6R 180 TA 12H 6R 180 A4 12 6R 180 TA 12	OMI 447A OMI 447BA OMI 447 OMI 447A	192* 204* - -	- - 129 100	- - 162 106
6V 180 TA 11 6V 180 TA 12 6V 180 TC 12 12V 180 TA 12 12V 180 TB 12 12V 180 TC 12L	OMI 432A OMI 442A OMI 442LA OMI 444A OMI 444LA OMI 444LA	229* 267* 327* 400* 489* 590*	208 340 355 380 407 441	279 355 395 390 459 529

* Horizontal in-line engine

Application Groups

2A Rail traction

2A Train electricity generation

Rating Definition

- (1) UIC rated power (fuel stop power),
 1 out of 6 operating hours
 (2) UIC rated power (fuel stop power)

* Higher power ratings with increased speed upon request

Reference Conditions:

Intake air temperature

20°C

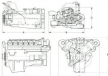
Barometric pressure

1020 mbar

(2) Altitude above sea level

100 m

Dimensions (mm), Weights (kg)

	Engine Model	A	B	C	Dry Weight** (approx.)
	6R 180 A4 12H 6R 180 TA 12H 6R 180 A4 12 6R 180 TA 12 6V 180 TA 11 6V 180 TA 12 6V 180 TC 12 12V 180 TA 12 12V 180 TB 12 12V 180 TC 12L	1215 1215 1205 1205 900 1250 1415 1385 1385 1400 1400 1400	1130 1300 820 820 890 1085 1055 1095 1095 1215 1215 1305	670 835 1765 1765 1050 1815 1855 1895 1895 1840 1905 1905	620 640 915 935 685 680 920 980 980 1080 1080 1280

** With standard accessory equipment


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Deutsche Aggregate

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183

Series 183
Stationary Power Generation
110 kW - 810 kW

183 183 183



183

Series 183
Marine Main Propulsion
and Ship's Services
152 kW - 720 kW



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Power to Progress

Part No.:
950

Technical Data		Oil	
Engine Model	Series	150	150
	Performance	100	100
	Power	0	0
Oil Type	ISO VG	32	32
Oil Type	ISO VG	-	68
Oil Type	ISO VG	-	100

Application Range

Oil: Use only with low load factor

Settings & Notes

- ① Not use grease (NLGI 000)
- ② No mixing up is permitted

Reference Conditions

Rated oil temperature: 70 °C

Max. inlet temperature: 70 °C

Maximum pressure: 10bar (100)

Maximum flow rate: 10 l/min

These values apply to the present technical grade per ISO 15848. Different values may apply to other grades. Contact us.

Dimensions
mm

Type Model	A	B	C	Weight
950	100	100	100	10
950-150	170	170	170	150
950-100	100	100	100	100
950-150	170	170	170	150

Technical drawing
only for
reference
and identification



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Elektrische Energie

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