



INDUSTRIAL ENGINE

S6D110-1



SPECIAL FEATURES

High reliability: The S6D110-1 diesel engine has a proven design with its cast iron block construction, cast iron head, rigid framework of the cast-iron mounting structure and Komatsu main bearing bush for long service life.

Power reliability: The S6D110-1 diesel engine is fitted with an electronic compression regulator for an optimal combination of excellent performance and torque.

Excellent operation: The diesel injection system and swirl-inducing design of the S6D110-1 provide excellent economy. Low idle rpm contributes to low maintenance charges.

Lightweight and compact design: Advanced design and an efficient injection system make Komatsu diesel engines compact and lightweight, reducing their cost.

Wide application: A wide range of optional equipment offers a variety of applications to meet your specific requirements.

Complete operation: Total operating hours meter and oil service indicator.

SPECIFICATIONS

Performance

| | Model | Engine |
|--------------|----------|----------|
| Rated power | 100kW | 135HP |
| at 1500 rpm | 100kW | 135HP |
| Rated torque | 34.4kN·m | 34.4kN·m |
| at 1200 rpm | 34.4kN·m | 34.4kN·m |

5000 5000 rpm (5000/5000) (5000/5000)

Application Excavator
 Output arrangement Front

Block stroke 100 × 120mm 4.31" × 4.72"
 Bore diameter 100mm 3.94 inch

Compression ratio 16.1

Stroke of crankshaft 120mm 4.72 in
 Stroke of connecting rod 100mm 3.94 in

Stroke of piston 100mm 3.94 in
 Stroke of connecting rod 120mm 4.72 in

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 Stroke of connecting rod 120mm 4.72 in

500T50-1 Design Features

Exhaust head. Coefficient of performance head made of cast steel and cast iron alloy. The exhaust temperature distribution factor is constant. The head is made of cast steel alloy and aluminum alloy. The surface of this pipe is made of cast steel alloy and is made of aluminum alloy. The exhaust system uses high-strength alloy and aluminum alloy.

Exhaust intake. Coefficient of performance head made of cast steel alloy. The exhaust temperature distribution factor is constant. The head is made of cast steel alloy and aluminum alloy. The surface of this pipe is made of cast steel alloy and is made of aluminum alloy.

Exhaust and intake pipe. Material made of steel, cast iron and cast steel alloy. The pipe is made of cast steel alloy and is made of aluminum alloy. The surface of this pipe is made of cast steel alloy and is made of aluminum alloy. The exhaust temperature distribution factor is constant. The head is made of cast steel alloy and aluminum alloy. The surface of this pipe is made of cast steel alloy and is made of aluminum alloy. The exhaust system uses high-strength alloy and aluminum alloy.

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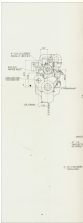
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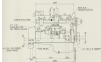
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AGRICUTUAL ENGINE

SABD110-1



2.2 LITER, 100

SPECIAL FEATURES

Highpower: The SABD110-1 is designed to give a maximum power of 100 horsepower (73.5 kW) at 2200 rpm. This is the result of a new design of components, of the new design cooling fan, and the use of Komatsu's advanced fuel injection system.

Super reliability: The SABD110-1 also enjoys excellent mileage (maximum 20000 hours) due to its special design for the power, reliability of individual components and overall.

Low-speed operation: The transmission system and special lubricating oil of the SABD110-1 provide excellent economy. Low fuel consumption is also a notable advantage.

Lightweight and compact design: Advanced design and an efficient production system make Komatsu's new engine compact and lightweight, enhancing its versatility.

Wide application: A wide range of optional equipment offers a variety of applications to meet the needs of the farmer throughout.

Excellent operation: The operating lever, right side accelerator and throttle.

SPECIFICATION

Basic ratings

| | Model | Output |
|---|---------------------------------------|---------------|
| Maximum rpm (2000/min) | 100.000 | 100 HP |
| Maximum rpm (2200/min) | 100.000 | 100 HP |
| Type | Direct injection, Direct injection | |
| Aspiration | Turbocharged and after cooled | |
| Cylinder arrangement | In-line | |
| Bore x stroke | 7.8 (in) x 8.6 (in) | 3.07" x 3.38" |
| Rated displacement | 2.12 liter | 128 cubic |
| Compression ratio | 16:1 | |
| Water system (pressure) Inlet/Outlet | | |
| Water | 20 liter | 5.3 U.S. gal |
| Oil | 14 liter | 3.7 U.S. gal |
| Dry weight (standard) | 800 kg | 1,750 lbs |
| Dimensions | | |
| Length | 1000 mm | 31.5" |
| Width | 740 mm | 23.3" |
| Height | 1000 mm | 31.5" |

KOMATSU LTD.

BACON-1 (Cage System)

1. The first part of the system is the cage system. This is a system of bars and supports that hold the animals in place. The cage system is designed to be easy to clean and to prevent the animals from escaping.

2. The second part of the system is the feeding system. This is a system of tubes and containers that deliver food to the animals. The feeding system is designed to be easy to use and to prevent the animals from getting sick.

3. The third part of the system is the watering system. This is a system of tubes and containers that deliver water to the animals. The watering system is designed to be easy to use and to prevent the animals from getting sick.

4. The fourth part of the system is the ventilation system. This is a system of fans and ducts that circulate air in the cage. The ventilation system is designed to be easy to use and to prevent the animals from getting sick.

5. The fifth part of the system is the waste removal system. This is a system of pipes and traps that collect and remove waste from the cage. The waste removal system is designed to be easy to use and to prevent the animals from getting sick.

6. The sixth part of the system is the lighting system. This is a system of lights that illuminate the cage. The lighting system is designed to be easy to use and to prevent the animals from getting sick.

7. The seventh part of the system is the heating system. This is a system of heaters that warm the cage. The heating system is designed to be easy to use and to prevent the animals from getting sick.

8. The eighth part of the system is the cooling system. This is a system of fans and ducts that cool the cage. The cooling system is designed to be easy to use and to prevent the animals from getting sick.

9. The ninth part of the system is the monitoring system. This is a system of sensors and cameras that monitor the animals. The monitoring system is designed to be easy to use and to prevent the animals from getting sick.

10. The tenth part of the system is the control system. This is a system of computers and software that control the cage. The control system is designed to be easy to use and to prevent the animals from getting sick.

