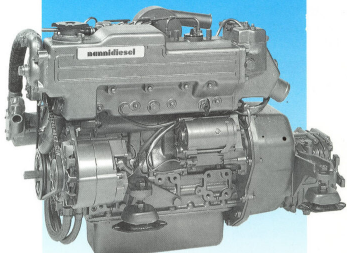
MARINE DIESEL ENGINES

4.110 HE

22 KW (30 HP)

VH 1100-B



NANNI DIESEL 4.110 HE, is a 4 cylinder in line 1140cc based on KUBOTA. It can be installed in pleasure, sport and fishing-boats and auxiliary for sail boats.
This engine can also be used for professional applications.
Read the following characteristics: you will notice the differences!

NANNI DIESEL "MAKES EASY INSTALLATION"

The engine is supplied complete, ready to be installed in any type of boat.
All service points are accessible from the front of the engine making checks and maintenance simple.

NANNI DIESEL "THE HEAT EXCHANGER"

All our engines are equipped with a heat exchanger which guarantees optimal working temperature, good combustion and long life.
The heat exchanger can also supply heat to a calorifer and heating system.

NANNI DIESEL "INDIRECT INJECTION"

The pre-combustion chamber, and the glow plugs, guarantee quick starts. Compared with other small engines, ours deliver the power quickly which greatly helps in manoeuvring.

NANNI DIESEL "THE DIPLOMAT"

Keeping all benefits from top research and development by KUBOTA, our engines are leaders of the antipollution field. Low noise level, low vibrations, low exhaust emission, quiet and smooth we know how to make them quiet and unobtrusive.

NANNI DIESEL "THE SERVICE"

As official marinizer of KUBOTA, we give service all over the world.
Our dealer network extends to more than 30 countries and through our 450 service points we offer maintenance, spare parts and documentation.

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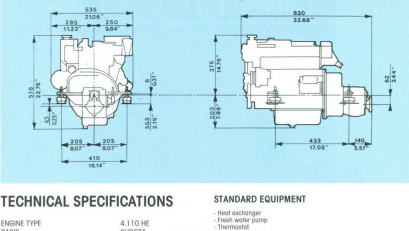
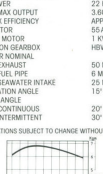
MARINE PROPULSION



TECHNICAL SPECIFICATIONS

ENGINE TYPE	4.110 HE
BASIS	KUBOTA
FUEL	DIESEL
INJECTION	INDIRECT
PRINCIPLE	VERTICAL - 4 STROKE
COOLING	HEAT EXCHANGER
DISPLACEMENT	1140 CC (69,6 CU.INCH)
BORE / STROKE	72 X 70
COMPRESSION RATIO	22:1
NUMBER OF CYLINDERS	4 IN LINE
WEIGHT (INCL. GEARBOX)	160 KG
MAX POWER	22 KW (30 HP)
RPM AT MAX OUTPUT	3.600
GEARBOX EFFICIENCY	APPROX 95 %
ALTERNATOR	55 A 14 V
STARTER MOTOR	1 KW 12 V
REDUCTION GEARBOX	HBW 100
DIAMETER NOMINAL	
EXHAUST	50 MM (1,97"")
FUEL PIPE	6 MM (0,24"")
SEAWATER INTAKE	25 MM (1"")
INSTALLATION ANGLE	15°
HEELING ANGLE	
CONTINUOUS	20°
INTERMITTENT	30°

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



DISTRIBUTED BY :

NANNI DIESEL adriatic

STANDARD EQUIPMENT

- Heat exchanger
- Fresh water pump
- Thermostat
- Sea water pump
- Fresh water cooled exhaust manifold
- Exhaust elbow with water injection
- In line injection pump
- Fuel feed pump
- Fuel filter
- Oil filter
- Oil drain pump
- Electric system 12 V
- Electric stop
- REMOTE INSTRUMENT PANEL AI :
  - : oil pressure pilot light and acoustical alarm
  - : water temperature pilot light and acoustical alarm
  - : alternator pilot light
  - : glow plug pilot light
  - : start key
  - : stop push button
  - : tachometer
- 4 mt intermediate wiring
- Gearbox
- Control cables mounting points
- Flex mount
- Set of tools
- Operator's manual
- Warranty certificate

ACCESSORIES

- Bilge pump
- Two pole electric system
- PTO pulley
- Coupling
- Sterngear
- Propeller
- Exhaust system
- Remote control
- Remote cables
- Sea water hoses
- Fuel hoses
- Sea water filter

The standard instrument panel can be replaced by the instrument panel C, same functions as AI with :

- voltmeter
- water temperature gauge
- Oil pression gauge
- Hour counter

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HEADQUARTER
NANNI DIESEL ITALIA S.P.A. Traversa del Grillo
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DI PORTO - ROME - ITALY
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(39)6 90734317 - 90734818
FAX. NR. : (39)6 90733153

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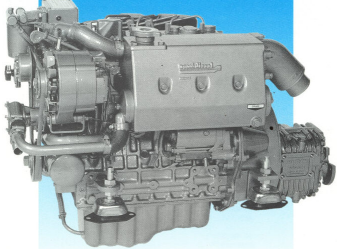
TEL. NR. : (00.33) 56 54 13 59
FAX. NR. : (00.33) 56 54 17 61

MARINE DIESEL ENGINES

4.150 HE

25,8 KW (35 HP)



NANNI DIESEL 4.150 HE, is a 4 cylinder in line 1500 cc based on KUBOTA. "Series Superlive" due to KUBOTA's superior technology, this has enabled them to build a small, compact and low polluting engine.
Read the following characteristics : you will notice the differences!

NANNI DIESEL "MAKES EASY INSTALLATION"

The engine is supplied complete, ready to be installed in any type of boat.
All service points are accessible from the front of the engine making checks and maintenance simple.

NANNI DIESEL "THE HEAT EXCHANGER"

All our engines are equipped with a heat exchanger which guarantees optimal working temperature, good combustion and long life.
The heat exchanger can also supply heat to a calorifer and heating system.

NANNI DIESEL "INDIRECT INJECTION"

The pre-combustion chamber, a completely new type, and the glow plugs, guarantee quick starts. Compared with other small engines, ours deliver the power quickly which greatly helps in maneouvring.

NANNI DIESEL "THE DIPLOMAT"

Keeping all benefits from top research and development by KUBOTA, our engines are leaders of the antipollution field. Low noise level, low vibrations, low exhaust emission, quiet and smooth we know how to make them quiet and unobtrusive.

NANNI DIESEL "THE SERVICE"

As official marinizer of KUBOTA, we give service all over the world.
Our dealer network extends to more than 30 countries and through our 450 service points we offer maintenance, spare parts and documentation.

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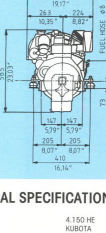
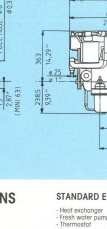
MARINE PROPULSION

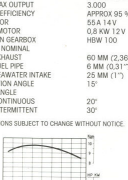




TECHNICAL SPECIFICATIONS

ENGINE TYPE	4.150 HE
BASIS	KUBOTA
FUEL	DIESEL
INJECTION	INDIRECT
PRINCIPLE	VERTICAL - 4 STROKE
COOLING	HEAT EXCHANGER
DISPLACEMENT	1498 CC (91,4 CU.INCH)
BORE / STROKE	78 X 78,4
COMPRESSION RATIO	22/1
NUMBER OF CYLINDERS	4 IN LINE
WEIGHT (INCL. GEARBOX)	145 KG
MAX POWER	25,8 KW (35 HP)
RPM AT MAX OUTPUT	3.000
GEARBOX EFFICIENCY	APPROX 95 %
ALTERNATOR	55 A 14 V
STARTER MOTOR	0,8 KW 12 V
REDUCTION GEARBOX	HBW 1.00
DIAMETER NOMINAL	
EXHAUST	60 MM (2,36")
FUEL PIPE	6 MM (0,31")
SEAWATER INTAKE	25 MM (1")
INSTALLATION ANGLE	15°
HEELING ANGLE	
CONTINUOUS	20°
INTERMITTENT	30°

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



DISTRIBUTED BY :

STANDARD EQUIPMENT

- Heat exchanger
- Fresh water pump
- Thermostat
- Sea water pump
- Fresh water cooled exhaust manifold
- Exhaust elbow with water injection
- In line injection pump
- Fuel feed pump
- Fuel filter
- Oil filter
- Oil drain pump
- Electric system 12 V
- Electric stop
- REMOTE INSTRUMENT PANEL A1 :
  - oil pressure pilot light and acoustical alarm
  - water temperature pilot light and acoustical alarm
  - alternator pilot light
  - glow plug pilot light
  - start key
  - stop push button
  - tachometer
- 4 m intermediate wiring
- Gearbox
- Control cables mounting points
- Flex mount
- Set of tools
- Operator's manual
- Warranty certificate

ACCESSORIES

- Bilge pump
- Two- pole electric system
- PTO pulley
- Coupling
- Shimgear
- Propeller
- Exhaust system
- Remote control
- Remote cables
- Sea water hoses
- Fuel hoses
- Sea water filter

The standard instrument panel can be replaced by the instrument panel C, some functions as A1 with :

- voltmeter
- water temperature gouge
- Oil pression gouge
- Hour counter

A1 :

C

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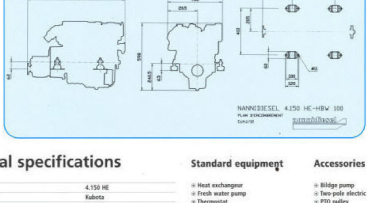
FAX. NR. : (00.33) 56 54 17 51

NANNI DIESEL 225/A/A

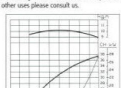
4.150 HE 37.5 HP



Technical specifications

Engine type	4.150 HE
Basis	Kubota
Fuel	Diesel
Aspiration	Atmospheric
Injection	Indirect (New TVCS)
Principle	Vertical 4 stroke
Cooling	Heat Exhangeur
Displacement	1498 CC
Bore/stroke	78 x 78.4
Compression ratio	22/1
Number of cylinders	4 in line
Weight (incl. gearbox)	145 Kg
Max power	27.6 KW (37.5 hp)
RPM at max output	3 000
Gearbox efficiency	Approx 95%
Alternator	60 A 14 V
Starter motor	0.8 KW 12 V
Reduction gearbox	2R or 2.5R
Diameter nominal	
Exhaust	60 mm (2.36")
Fuel pipe	8 mm (0.31")
Seawater intake	25 mm (1")
Installation angle	15°
Heiling angle	
Continuous	20°
Intermittent	30°

Specifications subject to change without notice. These specifications are for pleasure application only, for other uses please consult us.



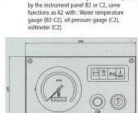
Standard equipment

- Heat exchangeur
- Fresh water pump
- Thermostat
- Sea water pump
- Fresh water cooled exhaust manifold
- Exhaust elbow with water injection
- In line injection pump
- Fuel feed pump
- Fuel filter
- Oil filter
- Oil drain pump
- Electric system 12 V
- Electric stop
- REMOTE INSRUMENT PANEL A2: oil pressure pilot light and acoustical alarm water temperature pilot light and acoustical alarm alternator pilot light glow plug pilot light start key stop push bottom tachometer hour counter
- 4 int intermediate wiring
- Gearbox
- Control cables mounting points
- Flex mount
- Set of tools
- Operator's manual
- Warranty certificate

Accessories

- Bildge pump
- Two-pole electric system
- PTO pulley
- Coupling
- Sterngear
- Propeller
- Exhaust system
- Remote contrat
- Remote cables
- Sea water hoses
- Fuel hoses
- Sea water filter
- B2 or C2 panel

The standard instrument panel can be replaced by the instrument panel B2 or C2, same functions as A2 with : Water temperature gauge (B2-C2), oil pressure gauge (C2), voltmeter (C2).



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nanni diesel
MARINE PROPULSION

MARINE DIESEL ENGINES

4.190 HE

31,6 KW (43 HP)

V 1902-B

NANNI DIESEL 4.190 HE, is a 4 cylinder in line 1860 cc based on KUBOTA. Economical, compact, powerful. Equally suited for pleasure and professional applications. Read the following characteristics: you will notice the differences!

NANNI DIESEL "MAKES EASY INSTALLATION"

The engine is supplied complete, ready to be installed in any type of boat.
All service points are accessible from the front of the engine making checks and maintenance simple.

NANNI DIESEL "THE HEAT EXCHANGER"

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The heat exchanger can also supply heat to a calorifier and heating system.

NANNI DIESEL "INDIRECT INJECTION"

The pre-combustion chamber, and the glow plugs, guarantee quick starts. Compared with other small engines, ours deliver the power quickly which greatly helps in manoeuvring.

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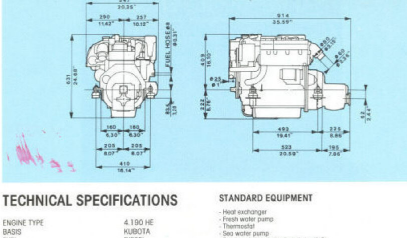
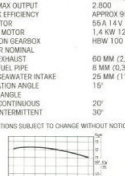
MARINE PROPULSION



TECHNICAL SPECIFICATIONS

ENGINE TYPE	4.190 HE
BASIS	KUBOTA
FUEL	DIESEL
INJECTION	INDIRECT
PRINCIPLE	VERTICAL - 4 STROKE
COOLING	HEAT EXCHANGER
DISPLACEMENT	1861 CC (113,6 CU.INCH)
BORE / STROKE	85 X 82
COMPRESSION RATIO	21/1
NUMBER OF CYLINDERS	4 IN LINE
WEIGHT (INCL. GEARBOX)	225 KG
MAX POWER	31,6 KW (43 HP)
RPM AT MAX OUTPUT	2.800
GEARBOX EFFICIENCY	APPROX 95 %
ALTERNATOR	55 A 14 V
STARTER MOTOR	1,4 KW 12 V
REDUCTION GEARBOX	HBW 100
DIAMETER NOMINAL	
EXHAUST	60 MM (2,36")
FUEL PIPE	8 MM (0,31")
SEAWATER INTAKE	25 MM (1")
INSTALLATION ANGLE	15°
HEELING ANGLE	
CONTINUOUS	20°
INTERMITTENT	30°

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE:



DISTRIBUTED BY :

STANDARD EQUIPMENT

- Heat exchanger
- Fresh water pump
- Thermostat
- Sea water pump
- Fresh water cooled exhaust manifold
- Exhaust elbow with water injection
- In line injection pump
- Fuel feed pump
- Fuel filter
- Oil filter
- Oil drain pump
- Electric system 12 V
- Electric stop
- REMOTE INSTRUMENT PANEL B :
  - oil pressure pilot light and acoustical alarm
  - water temperature pilot light and acoustical alarm
  - alternator pilot light
  - glow plug pilot light
  - start key
  - stop push button
  - voltmeter
  - tachometer
  - water temperature gauge
- 4 mt intermediate wiring
- Gearbox
- Control cables mounting points
- Flex mount
- Set of tools
- Operator's manual
- Warranty certificate

ACCESSORIES

- Bilge pump
- Two-pole electric system
- PTO pulley
- Coupling
- Stengear
- Propeller
- Exhaust system
- Remote control
- Remote cables
- Sea water hoses
- Fuel hoses
- Sea water filter

The standard instrument panel can be replaced by the instrument panel C, same functions as B with :
- Oil pression gauge
- Hour counter

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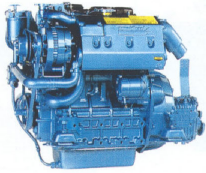
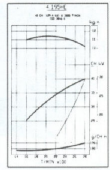
4.195 HE - *29,4 KW (40HP)*

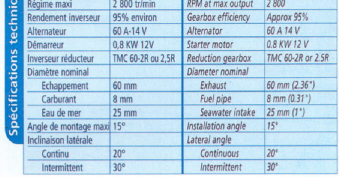




Spécifications techniques/*Technical specifications*

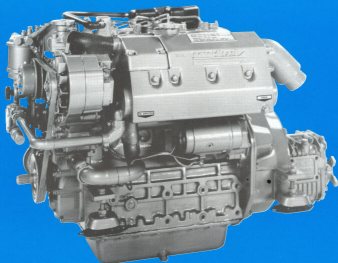
Type moteur	4.195 HE	*Engine type*	*4.195 HE*
Base	Kubota	*Basis*	*Kubota*
Carburant	Diesel	*Fuel*	*Diesel*
		Aspiration	*Atmospheric*
Injection	Indirecte	*Injection*	*Indirect (E-TVCS)*
Configuration	Verticale 4 temps	*Principle*	*Vertical 4 stroke*
Refroidissement	Echangeur	*Cooling*	*Heat Exhangeur*
Cylindrée	1 857 cm³	*Displacement*	*1857 CC (113,36 ci)*
Alésage - Course	80 x 92,4 mm	*Boreistroke*	*80x92.4 (3.14"x3.64")*
Taux de compression	22/1	*Compression ratio*	*22/1*
Nombre de cylindres	4 en ligne	*Number of cylinders*	*4 in line*
Poids (avec inverseur)	225 kg	*Weight (incl. gearbox)*	*225 Kg*
Puissance maxi (volant)	29,4 KW (40 CH)	*Max power*	*29.4 KW (40 HP)*
Régime maxi	2 800 t/min	*RPM at max output*	*2 800*
Rendement inverseur	95% environ	*Gearbox efficiency*	*Approx 95%*
Alternateur	60 A-14 V	*Alternator*	*60 A 14 V*
Démarreur	0,8 KW 12V	*Starter motor*	*0.8 KW 12 V*
Inverseur réducteur	TMC 60-2R ou 2,5R	*Reduction gearbox*	*TMC 60-2R or 2.5R*
Diamètre nominal		*Diameter nominal*	
Echappement	60 mm	*Exhaust*	*60 mm (2.36")*
Carburant	8 mm	*Fuel pipe*	*8 mm (0.31")*
Eau de mer	25 mm	*Seawater intake*	*25 mm (1")*
Angle de montage maxi	15°	*Installation angle*	*15°*
Inclinaison latérale		*Lateral angle*	
Continu	20°	*Continuous*	*20°*
Intermittent	30°	*Intermittent*	*30°*

Les spécifications sont sujettes à modification sans préavis. Elles sont définies pour utilisation plaisance uniquement. Pour toute autre utilisation, nous consulter. *Specifications subject to change without notice. These specifications are for pleasure application only, for other uses please consult us.*



Diesel marine engines

4.200 HE - 31.6 kW (43 hp)



You own a sailing boat or a cabin cruiser

The KUBOTA-based NANNI DIESEL 4.200 HE is a 2197 cm³, 4 single-cylinder engine. Its technical specifications and power are particularly well-suited to the requirements of leisure craft, requiring greater manoeuvrability – especially in port – than professional fishermen, who focus more on reliability and minimising costs.

You want your engine to be easily accessible

Like all the smaller engines in the NANNI range, the 4.200 HE has been specially designed to meet the space constraints of small boats and facilitate access to the various parts and control points. The marine adaptation of the 4.200 HE engine highlights easy installation and maintenance, especially in confined spaces. All NANNI engines, including the 4.200 HE, are supplied fully equipped and ready to install in any type of boat.

You want a reliable engine

All NANNI engines are equipped with a double cooling-circuit heat-exchanger system (sea water and fresh water). The "sea water" circuit is used only for the heat exchanger. As the salt water does not circulate inside the engine, there is no corrosion and the engine's life-expectancy is considerably prolonged. This heat exchanger can also be used to supply a water-heater or on-board heating system.

You demand excellent performance

You usually have to be patient to start a diesel engine – but not a NANNI DIESEL! It is equipped with a brand new model of precombustion chamber and heater plugs to ensure a quick start. You also need to be able to call on the engine's full power immediately, especially during manoeuvres in harbour and all models in the NANNI range respond instantaneously as needed.

You are ahead of your time

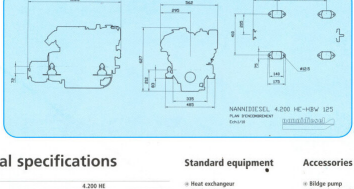
If you are as concerned about pollution issues as you are about your own comfort, you will be glad to know that, thanks to many years of research carried out by KUBOTA, NANNI DIESEL engines are now leaders in the fight against pollution. Their low noise and vibration levels and minimal exhaust smoke, designed to meet the BSO STAGE II standard, make NANNI DIESEL engines unlike any other diesel you have ever known.

You know you can count on us

Wherever you go, we will be there. As official marine adapters of KUBOTA technology, we are at your service, worldwide. Our 450 Service Centres in 49 countries guarantee maintenance, parts supply, and documentation wherever you go around the world.

nanni diesel
MARINE PROPULSION

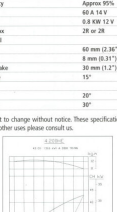
leading through innovation



Technical specifications

Engine type	4.200 HE
Basis	Kubota
Fuel	Diesel
Aspiration	Atmospheric
Injection	Indirect (New TVCS)
Principle	Vertical 4 stroke
Cooling	Heat Exhangeur
Displacement	2197 CC
Bore/stroke	87 x 92,4
Compression ratio	21/1
Number of cylinders	4 in line
Weight (incl. gearbox)	225 Kg
Max power	31,6 KW (43 hp)
RPM at max output	2 800
Gearbox efficiency	Approx 95%
Alternator	60 A 14 V
Starter motor	0.8 KW 12 V
Reduction gearbox	2R or 2R
Diameter nominal	
Exhaust	60 mm (2.36")
Fuel pipe	8 mm (0.31")
Seawater intake	30 mm (1.2")
Installation angle	15°
Heling angle	
Continuous	20°
Intermittent	30°

Specifications subject to change without notice. These specifications are for pleasure application only, for other uses please consult us.



Standard equipment

- Heat exchangeur
- Fresh water pump
- Thermostat
- Sea water pump
- Fresh water cooled exhaust manifold
- Exhaust elbow with water injection
- In line injection pump
- Fuel feed pump
- Fuel filter
- Oil filter
- Oil drain pump
- Electric system 12 V
- Electric stop
- REMOTE INSTRUMENT PANEL A2 :
  oil pressure pilot light and acoustical alarm
  water temperature pilot light and acoustical alarm
  alternator pilot light
  glow plug pilot light
  start key
  stop push button
  tachometer
  hour counter
- 4 mt intermediate wiring
- Gearbox
- Control cables mounting points
- Flex mount
- Set of tools
- Operator's manual
- Warranty certificate

For yard type, contact us.

Accessories

- Bildge pump
- Two-pole electric system
- PTO pulley
- Coupling
- Sterngear
- Propeller
- Exhaust system
- Remote contrat
- Remote cables
- Sea water hoses
- Fuel hoses
- Sea water filter
- B2 or C2 panel

The standard instrument panel can be replaced by the instrument panel B2 or C2, same functions as A2 with : Water temperature gauge B2/-C2, oil pressure gauge (C2), voltmeter (C2).

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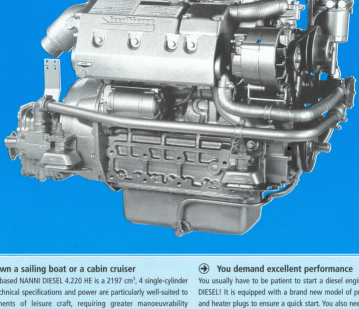
nanni diesel
MARINE PROPULSION

Diesel marine engines

4.220 HE - 36.8 kW (50 hp)



You own a sailing boat or a cabin cruiser

The KUBOTA-based NANNI DIESEL 4.220 HE is a 2197 cm³, 4 single-cylinder engine. Its technical specifications and power are particularly well-suited to the requirements of leisure craft, requiring greater manoeuvrability – especially in port – than professional fishermen, who focus more on reliability and minimising costs.

You want your engine to be easily accessible

Like all the smaller engines in the NANNI range, the 4.220 HE has been specially designed to meet the space constraints of small boats and facilitate access to the various parts and control points. The marine adaptation of the 4.220 HE engine highlights easy installation and maintenance, especially in confined spaces. All NANNI engines, including the 4.220 HE, are supplied fully equipped and ready to install in any type of boat.

You want a reliable engine

All NANNI engines are equipped with a double cooling-circuit heat-exchanger system (sea water and fresh water). The "sea water" circuit is used only for the heat exchanger. As the salt water does not circulate inside the engine, there is no corrosion and the engine's life-expectancy is considerably prolonged. This heat exchanger can also be used to supply a water-heater or on-board heating system.

You demand excellent performance

You usually have to be patient to start a diesel engine – but not a NANNI DIESEL! It is equipped with a brand new model of precombustion chamber and heater plugs to ensure a quick start. You also need to be able to call on the engine's full power immediately, especially during manoeuvres in harbour and all models in the NANNI range respond instantaneously as needed.

You are ahead of your time

If you are as concerned about pollution issues as you are about your own comfort, you will be glad to know that, thanks to many years of research carried out by KUBOTA, NANNI DIESEL engines are now leaders in the fight against pollution. Their low noise and vibration levels and minimal exhaust smoke, designed to meet the BSO STAGE II standard, make NANNI DIESEL engines unlike any other diesel you have ever known.

You know you can count on us

Wherever you go, we will be there. As official marine adapters of KUBOTA technology, we are at your service, worldwide. Our 450 Service Centres in 49 countries guarantee maintenance, parts supply, and documentation wherever you go around the world.

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MARINE PROPULSION
leading through innovation

Technical specifications

Engine type	4.220 HE
Basis	Kubota
Fuel	Diesel
Aspiration	Atmospheric
Injection	Indirect (New TVCS)
Principle	Vertical 4 stroke
Cooling	Heat Exhangeur
Displacement	2197 CC
Bore/stroke	87 x 92.4
Compression ratio	21/1
Number of cylinders	4 in line
Weight (incl. gearbax)	225 Kg
Max power	36.8 KW (50 hp)
RPM at max output	2 800
Gearbox efficiency	Approx 95%
Alternator	60 A 14 V
Starter motor	1.4 KW 12 V
Reduction gearbox	2R or 2R
Diameter nominal	
Exhaust	60 mm (2.36")
Fuel pipe	8 mm (0.31")
Seawater intake	30 mm (1.2")
Installation angle	15°
Heling angle	
Continuous	20°
Intermittent	30°

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Standard equipment

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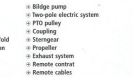
- Fresh water pump
- Thermostat
- Sea water pump
- Fresh water cooled exhaust manifold
- Exhaust elbow with water injection
- In line injection pump
- Fuel feed pump
- Fuel filter
- Oil filter
- Oil drain pump
- Electric system 12 V
- Electric stop
- REMOTE INSRUMENT PANEL B2:
  oil pressure pilot light and acoustical alarm
  water temperature pilot light and acoustical alarm
  alternator pilot light
  glow plug pilot light
  start key
  stop push botton
  tachometer
  hour counter
  Water temperature gauge
- 4 ent intermediate wiring
- Gearbox
- Control cables mounting points
- Flex mount
- Set of tools
- Operator's manual
- Warranty certificate

Accessories

- Bildge pump
- Two-pole electric system
- PTO pulley
- Coupling
- Storngear
- Propeller
- Exhaust system
- Remote contrat
- Remote cables
- Sea water hoses
- Fuel hoses
- Sea water filter
- C2 panel

The standard instrument panel can be replaced by the instrument panel C2, same functions as B2 with : oil pressure gauge, voltmeter.



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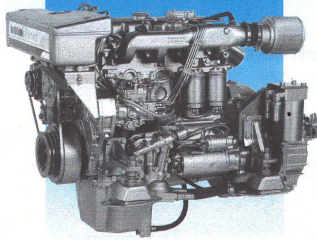
nannidiesel
MARINE PROPULSION

MARINE DIESEL ENGINES

4.440 E

73,6 KW (100 HP)

21 ARALIK 1988



NANNI DIESEL 4.440 E, a 4 cylinder-in-line engine displacing 4.4 L. Based on MAN. Naturally aspirated. Powerful, compact, economical and quiet.

CONSTRUCTION

Cast crankcase with interchangeable dry liners - 5 bearing crankshaft with forged counter-weights and conrods - 3-ring pistons cooled with internally injected oil.

CYLINDER HEAD AND VALVE TRAIN

Two twin-cylinder heads with inlet and exhaust valves, and reinforced valve seats. Forged camshaft with hardened cams and bearing surfaces.

LUBRICATION

Pressurized system with geared oil pump - Replaceable oil filter - Oil cooler in heat exchanger.

FUEL SYSTEM

Direct injection using a BOSCH injection pump with mechanical governor - Electric stop - Fuel lift pump - Twin in-line fuel filters for ease of maintenance.

COOLING

Thermostatically controlled fresh-water engine cooling with heat exchanger - Optional hot water take-off for boiler or heater.

GEARBOX

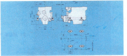
Hydraulic gearbox driven through a VULKAN damper plate, including oil cooler.

APPLICATIONS

The 4.440 E is the latest technology, complete and ready to install in single or twin installations, for pleasure or commercial craft.

nannidiesel

MARINE PROPULSION



TECHNICAL SPECIFICATIONS

ENGINE TYPE	4.440 E
BASIS	MAN D0824 E
FUEL	DIESEL
INJECTION	DIRECT
PRINCIPLE	VERTICAL - 4 STROKE
COOLING	HEAT EXCHANGER
DISPLACEMENT	4.58 Lt (279,5 CI)
BORE / STROKE	108 X 125
COMPRESSION RATIO	17/1
NUMBER OF CYLINDERS	4 IN LINE
AIR INTAKE	NATURALLY ASPIRATED
WEIGHT (INCL. GEARBOX)	415 KG
MAX POWER	73,5 KW (100 HP)
RPM AT MAX OUTPUT	2700
ALTERNATOR	55 A 28 V
STARTER MOTOR	4 KW 24 V
FLYWHEEL HOUSING	SAE 3
FLYWHEEL ROTATION	
VIEW FROM STERN	ANTICLOCKWISE
GEARBOX	HYDRAULIC
DIAMETER NOMINAL	
EXHAUST	84 MM
FUEL PIPE	10 MM
SEAWATER INTAKE	32 MM
INSTALLATION ANGLE	15°

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. THESE SPECIFICATIONS ARE FOR PLEASURE APPLICATION ONLY. FOR OTHER USES PLEASE CONSULT US.

DISTRIBUTED BY :

STANDARD EQUIPMENT

- Heat exchanger
- Fresh water pump
- Thermostat
- Sea water pump
- Fresh water cooled exhaust manifold
- Exhaust elbow with water injection
- Injection pump
- Fuel lift pump
- Fuel filter
- Oil filter
- Oil drain pump
- Electric system 24 V
- Electric stop
- REMOTE INSTRUMENT PANEL C :
  - oil pressure pilot light and acoustical alarm
  - water temperature pilot light and acoustical alarm
  - alternator pilot light
  - key start
  - stop push button
  - tachometer
  - voltmeter
  - water temperature gauge
  - oil pressure gauge
  - hour counter
- 4 mt intermediate wiring
- Hydraulic gearbox
- Control cables mounting points
- Flex mount
- Set of tools
- Operator's manual
- Warranty certificate

ACCESSORIES

- Instrument panel for flying bridge
- PTO pulley
- Coupling
- Shafting
- Propeller
- Remote control
- Remote cables
- Sea water hoses
- Fuel hoses
- Sea water filter

C

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