



CRK3 MGR

*60 BHP (44 kw) @ 2500 rpm

Lister-Petter Marine Propulsion Diesel Engine



Specifications:

- 4-cylinder, 4-stroke, turbo-charged diesel engine
- 100% mechanical efficiency
- ISO 9001 certified
- ISO 14001 certified
- ISO 50001 certified
- ISO 45001 certified
- ISO 16949 certified
- ISO 26262 certified
- ISO 27001 certified
- ISO 28000 certified
- ISO 31000 certified
- ISO 39000 certified
- ISO 40000 certified
- ISO 41000 certified
- ISO 43000 certified
- ISO 45000 certified
- ISO 46000 certified
- ISO 47000 certified
- ISO 48000 certified
- ISO 49000 certified
- ISO 50000 certified

Colors

Color	RAL	ISO
Black	9005	9005
Blue	5015	5015
Grey	7035	7035
White	9010	9010
Yellow	1020	1020
Red	3010	3010

Engine

Parameter	Value
Type	4-cylinder, 4-stroke
Cylinder Diameter	80 mm
Stroke	90 mm
Maximum Speed	2500 rpm
Max. Torque	140 Nm
Max. Power	44 kW
Maximum Fuel Consumption	200 g/kWh
Maximum Air Consumption	10 m ³ /h
Maximum Exhaust Gas Temperature	450 °C
Maximum Oil Temperature	100 °C

W.P.A.

W.P.A. (Warranty Period)	36 months or 3000 hours
W.P.A. (Warranty Period)	36 months
W.P.A. (Warranty Period)	36 months

Weight

Weight (kg)	100
Weight (kg)	100

Dimensions

Height	200 mm
Width	200 mm
Depth	200 mm
Length	200 mm

Accessories

Accessories	100
Accessories	100
Accessories	100
Accessories	100

Options

Options	100
Options	100
Options	100

► The maximum 3000rpm fueling power factor power will increase by increasing of speed. Note: The power curve is provided.

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General Description

Standard Equipment

- Sturdy sprayer Cyclone™ four-chamber construction with fresh water washout water control
- Electric washing with water meter
- Self-cleaning slotted exhaust
- Interchangeable nozzles and pressure and engine components
- Gas, technical, electrical and safety and CE marking label
- As shown here
- Water control exhaust control
- Gasoline sprayer
- High efficiency
- Engine independent connection to other tools

Optional Equipment

- High efficiency motor
- Water control wash kit
- Battery control
- Hydraulic pump
- Motor control system
- Water dry exhaust system
- Water filter - holding down tank
- Water sprayer
- Motor
- Pressure
- PTO unit
- Control gear/shifting control
- Control gear

Principle Dimensions

All dimensions given in mm. Dimensions in mm and in are given to guide purchase only. They should not be used for machine design.



Approximate Shipping Specifications

Engine as shown

Net Weight	Gross Weight	Volume
40kg	10kg	100l



CS4 MGR *90 BHP (67 kw) @ 2600 RPM



Lister Petter Marine Propulsion Diesel Engine



Power (kW) vs. Speed (RPM)

Operating conditions:
 *Maximum power at 2600 RPM
 *Minimum power at 2000 RPM
 *Minimum fuel consumption at 2000 RPM

*Maximum torque at 2000 RPM
 *Minimum fuel consumption at 2000 RPM

Engine

CS4 MGR		
Speed	16.8 (2000 RPM)	26.0 (2600 RPM)
Power	67.0 kW	90.0 kW
Torque	250 N.m	-
Stroke	105 mm	105 mm
Bore	85 mm	85 mm
Displacement	1.94 l	1.94 l
Weight	400 kg (max)	

Engine

Type	Marine propulsion
Cylinder Configuration	4-cyl
Injection	Direct Injection
Injection Timing	16.5 deg
Max. RPM	3000
Stroke	105 mm
Stroke Capacity	21000
CO ₂ Emissions (Average)	167 g/kWh
Maximum Fuel Consumption (Average)	198 g/kWh

Engine

Max. Fuel Oil	200000 L/240000
Low Speed (Average)	100%
Low Speed Range	100%

Engine

Stroke Volume	0.1
Stroke Efficiency	95

Engine

Type	Industrial
Maximum Power	117.00 kW
Maximum Stroke	105 mm
Stroke Capacity	11000

Engine

Stroke Volume	0.1
Stroke Efficiency	95.00%
Stroke	105 mm

Engine

Stroke	105 mm
Stroke Efficiency	95.00%

*Checklist 60. Not recommended operation. Stable power will be received by experienced operators. (Propeller speed to be added)

Modeling the propulsion system depends on many parameters (engine, propeller, hull, etc.). Please refer to our website www.listerpetter.com for more information. Contact us for more information and our website: www.listerpetter.com.

General Description

Standard Equipment

Locally sourced 4 cylinder, fuel exchange, water-pump driven water and sewage pump.
Water pump, water/grit meter, meter, battery charger, alternator and delimitation cable including 20' section water/grit meter, gauges, automatic valves, non-siphon 3/8" O.D. piping, etc.
Air blower
Steel construction mounted on a trailer
Foghorn/whistle
Foghorn/whistle
Engine independent connection to main power

Optional Equipment

High pump or other float rise and falling battery unit
Fuel line and nozzle
Motor performance monitor
Remote dry circuit system
Floodlights
Tactical lighting
Storage
ETC, etc.
Control system
Sound/alarms
Other accessories

Principal Dimensions

Dimensions are given for average configuration only and are for informational purposes only. They should not be used for installation purposes.



Approximate Shipping Specifications

Engine as Mounted

Length (in)	Width (in)	Height (in)
54	32	21





CS6 MGR *135 BHP (100 kw) @ 2600 RPM

Lister Petter Marine Propulsion Diesel Engine



Model

CS6MGR		
Model	Net Power (kW)	Net Power (HP)
CS6	100	135
CS6	100	135
CS6	100	135
CS6	100	135
CS6	100	135
CS6	100	135
CS6	100	135

Engine

CS6MGR	
Type	Stroke engine
Cylinder Configuration	6Cyl
Stroke	140mm
Cylinder Diameter	140mm
Bore	140mm
Stroke	140mm
Compression Ratio	17.5:1
Injection System	Common Rail
Injection Pressure	200 bar
Injection Timing	15°

ECU

Control Unit	ECU (Electronic Control Unit)
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Performance

Rated Power (kW)	100
Rated Power (HP)	135

Weight

Net Weight	150 kg
Gross Weight	180 kg

Dimensions

Type	140mm
Stroke	140mm
Cylinder	6Cyl
Cylinder Diameter	140mm

Accessories

Injection System	Common Rail
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Options

Injection System	Common Rail
Injection Pressure	200 bar
Injection Timing	15°

*Control ECU (Electronic Control Unit) is optional. Double power will be released by transmission gearshifts. Engine cannot be started.

Model CS6MGR is a marine diesel engine. It is designed for use in marine applications. It is not suitable for use in other applications. The engine is not to be used in any other way.

General Description

Standard Equipment

Marine optimized Isuzu 4-cyl. diesel engine with Isuzu water pump and alternator, 17' wheel chocking with stabilizer, telescopic steering assembly and dual instrument panel including oil pressure and engine temperature gauges, tachometer, voltmeter, dual switch and 1 maintenance lock, 20-hr. run time, 20-hr. coast school certified operator in-cabin, high performance, engine and gearbox connections for maintenance.

Optional Equipment

Engine room (2nd floor) with 20-hr. run time, battery and tools, fuel tank and air pipes, 40-hr. coast school certified operator in-cabin, water systems, Florida license, 10-hr. chocking, storage, propane, P.T.O. unit, 10-hr. maintenance, 20-hr. run time, 20-hr. coast school certified operator.

Principal Dimensions

All dimensions given unless otherwise designated, unless given for guidance purposes only. They should not be used for installation purposes.



Approximate Shipping Specification

Engine as Installed

Net Weight	Condition	Mount
100	20	17



For more information, contact the Florida State University Marine Institute, 1000 University Blvd., Tallahassee, FL 32306-1000.

Local reference: CGR 1001

Florida State University Marine Institute



FLORIDA STATE UNIVERSITY
MARINE INSTITUTE
1000 UNIVERSITY BLVD.
TALLAHASSEE, FL 32306-1000
904/904-1000



CST 6MGR

*185 BHP (138 kw) @ 2400 RPM

Lister Petter Marine Propulsion Diesel Engine



Output

Output		
Speed	2400 RPM	2400 RPM
Power	138 kW	185 BHP
Torque	500 Nm	368 lb-ft
Speed	2400	2400
Speed	2400	2400
Speed	2400	2400
Speed	2400	2400
Speed	2400	2400

Engine

Engine	
Type	6-cylinder
Max. Torque	500 Nm
Stroke	100 mm
Cylinder Capacity	6.0 liter
Bore	80 mm
Stroke	100 mm
Compression Ratio	17.5:1
Rated Torque	500 Nm
Rated Power	138 kW
Rated Speed	2400 RPM
Rated Torque	500 Nm

Dimensions

Overall Length	1700 mm (66.9 in)
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Performance

Maximum Torque	500 Nm
Maximum Power	138 kW

Weight

Weight (Dry)	1100 kg
Weight (Wet)	1200 kg

Options

Type	6-cylinder
Rated Power	138 kW
Rated Torque	500 Nm
Rated Speed	2400 RPM

Accessories

Rated Torque	500 Nm
Rated Power	138 kW

*Optional 600 kW (430 hp) engine available. Contact your local distributor for more information. Lister Petter is a registered trademark of Lister Petter Ltd.

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General Description

Standard Equipment

Submersible electric, full exchange cooled engine with cast water and cast water pump
10' min. service life with water motor battery, deep-cycle motor and cast induction steel enclosure of pressure and engine temperature gauges, 10' float, voltmeter, cast lead-acid motor-windings, an alternator
Motor cooled exhaust manifold
Cast iron skid
High level warning
Engine temperature compensation motor-cooling

Optional Equipment

Refrigerated 48 in. dia. motor-cooling and pump air battery unit tank
Flameless engine alarm
Motor-cooling indicator
Air circulation system
Flaming Mount
Cast-iron skid
Motor-cooling
Storage
P.T.C. switch
On board system
Sump skimmer
Direct electric starting

Principle Dimensions

All dimensions given with four engine arrangements and engine to gullion suspension only. They should be treated as minimums only.



Approximate Shipping Specification

Engines as illustrated

Weight	Load Rating	Height
400	800	21



For more information, contact your distributor or call 1-800-451-7839.

Leaflet reference: C275 M2P

Approved under the ASME Quality Design Program



ASME is the leading authority for promoting and maintaining the integrity of the engineering profession. It is the only organization that has the authority to award the Professional Engineer (PE) and Professional Engineer in Training (PEIT) licenses. ASME also provides the only certification program for engineering technicians and technologists.

CST16 MGR ~230 BHP (171.3 kw) @ 2500 RPM



Lister Petter Marine Propulsion Diesel Engine



Model

CST16 MGR		
Model	Approximate	HP (kW)
1600	1600	1600
1800	1800	1800
2000	2000	2000
2200	2200	2200
2400	2400	2400
2600	2600	2600

Height

Type	Configuration
1600	1600
1800	1800
2000	2000
2200	2200
2400	2400
2600	2600

Weight

1600	1600
------	------

Dimensions

1600	1600
1800	1800

Efficiency

1600	1600
1800	1800

Options

1600	1600
1800	1800
2000	2000
2200	2200
2400	2400
2600	2600

Engine

1600	1600
1800	1800

*Optional 1600/1800/2000/2200/2400/2600 BHP (1173/1324/1475/1626/1777/1928 kw) available. The power listed is standard.

For more information, please contact your local distributor.

1600 1600
1800 1800
2000 2000
2200 2200
2400 2400
2600 2600

General Description

Take charge of material handling with the most powerful mobile engine available. 210 hp diesel engine, 50' conveyor, 12' vertical stack with motor, telescoping chuting system and dual drive units providing all the productivity and control of a professional engineering solution. Features include: variable start speed and 4 reversing fans. 40' stack open. Motor control cabinet mounted. Stack of motor. High fuel economy. Expert engineering construction. 1000 0000

Optional Equipment

Large particle filter
Stack air and oxidize
Battery protect
Fuel line and nozzles
Stack maintenance and water
Motor dry exhaust system
StackMount
Tactical lighting
Generator
RTG shift
Control panel
Fuel monitoring
Direct motor starting

Principle Dimensions

All dimensions given unless otherwise indicated. All points given unless otherwise specified. This should be for informational purposes.



Approximate Shipping Specification

Engine as illustrated

Net Weight	Unit Weight	Number
74	58	1



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Latest information: CSE164GR.com



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