	Model :	6M11V2D0	Date :	17/02/22
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Scope Of Supply				

Basic data

Engine model	6M11V2D0
Configuration N°	DHP06B0075
N° of Cylinders / Valves	.....	6 / 12
Cylinders arrangement	.....	In line
Displacement (L)	.....	6.75
Thermodynamic Cycle	.....	Diesel 4 stroke
Cooling System	.....	Liquid (water + 50% antifreeze)
Injection System	.....	Direct
Fuel System	.....	Mechanical Pump
Aspiration	.....	Turbocharged and Aftercooled
Flywheel housing	.....	SAE 3
Flywheel	.....	11.5"
Max. working ambient temperature	.....	See derating curves
Max. working altitude	.....	See derating curves
Front engine mounting brackets	.....	Supplied mounted
Rear engine mounting brackets	.....	Supplied mounted

Lubrication system


Lubricating oil low pressure alarm sensor (LOP)	.....	Supplied
Lowest oil pressure alarm (shutdown) (Bar)	.....	1
Lubricating oil pressure sensor for gauge supplied	.....	0-10 Bar Vdo match scale
Lubricating oil temperature sensor for gauge	.....	Not supplied
Replaceable oil filter(s)	.....	Supplied
Oil and oil filter(s) element(s) change interval	.....	Every 500 running hours
Oil dipstick mounted	.....	Supplied
Manual oil drain pump	Not supplied

Intercooling system

Intercooler type	Air to Air
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Air intake system

Air filter(s) with connection pipe(s) with replaceable cartridges supplied	Mounted
Visual indicator for dirty filter	Supplied
Electrical air heater	Optional

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Cooling system with standard radiator

Execution with radiator

System designed for ambient temperature up to (°C) ¹	50
Radiator with connecting parts supplied	Separate to be mounted, brackets not supplied
Radiator type	Mechanical
Fan type	Belt driven pusher
Front radiator guard	Supplied
Fan guard	Supplied
Low coolant level sensor	Not supplied
Coolant capacity of radiator and pipes (L)	9

Execution without radiator

Radiator	Not supplied
Connection pipes between engine and radiator	Version not available
Flexible pipes for connection	Version not available
Fan	Version not available
Protection guards	Version not available


Common data for both the above mentioned versions

Coolant capacity of the engine (L)	8
Coolant high temperature alarm sensor (HWT).....	Supplied
Coolant alarm (shutdown) temperature (°C)	105
Coolant temperature sensor for gauge supplied	40-120°C Vdo match scale

Exhaust system

Dry type exhaust pipe with heat shield	Supplied
Flange installed on the exit of the exhaust system	Supplied
Counter-flange with gasket and bolts for exhaust pipe connection	Supplied
Exhaust expansion joint with flanges	Not supplied
Silencer	Not supplied

¹ The indicated value is based on an AOT value of 50°C for an engine tested at 1800 Rpm at max Industrial Continuous Power, in an open condition, without an enclosure or container, without any airflow obstruction in the front of the radiator, without air recirculation, with free exhaust gas exit and with the engine thermostatic valve in its full open condition, without a closing plate present.

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Fuel system

Governor	Mechanical
Fuel filter mounted type	Fine double type
Primary fuel filter / water separator	.....	Not supplied
Fuel filter(s) element(s) change interval	.....	Every 500 running hours ¹
Fuel priming pump type	.....	Mechanical
Fuel cut off stopping system	.....	Supplied - Energized to run type

¹ The indicated change interval running hours is the maximum period when using good quality fuel, (EN 590 standard); this is reduced if the fuel is low quality fuel, if the fuel is contaminated, if the fuel has presence of water.

Electrical system

Electrical system voltage (negative to ground) (Vdc)	.....	12
Starter power (kW)	.....	4
Battery charger current (A)	.....	140
Engine electrical wiring	.....	Not supplied

Painting

“Moteurs-Baudouin” Black for the diesel engine

Standard supplier for radiator, alternator battery charger, pipes and air filter(s)

Testing

Standard factory test not witnessed

Test report available only upon request

Documentation

Operation & Maintenance Manual in English language Supplied in soft copy

Packaging

Wooden pallet + plastic cover

Tools

Standard tool box Not supplied

Spare parts

One set of spare parts for first maintenance interval : oil + fuel filters + V-belts Optional