

SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke- D.I.
Air Handling	TAA
Arrangement	4L
Bore x Stroke (mm)	102 X 120
Total Displacement (l)	4
Valves per cylinder (n°)	4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Compression ratio	17.5:1
Injection System	ECR

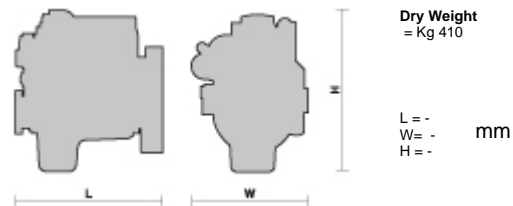
PERFORMANCE

Rated power [*] (kW (HP) @ rpm)	107 (145) @ 2300
Peak power (kW (HP) @ rpm)	-
Peak torque (Nm (kgm) @ rpm)	490 (50) @ 1200
High idle speed (rpm)	750
Low idle speed (rpm)	--
DEF[**]/AdBlue consumption at peak torque and rated power (% of fuel cons.)	-
Minimum starting temperature without auxiliaries (°C)	-25 -
Oil and oil filter maintenance interval for replacement [***] (hours)	500

STANDARD CONFIGURATION

Flywheel housing (type)	SAE 3
Flywheel size (inch)	11.5
Intake manifold location	left side/frontward inlet
Exhaust manifold location	right side/frontward outlet
Turbocharger	waste gate controlled
Turbocharger location	low
Fan transmission ratio	1.41:1
Distance between fan - crankshaft centers (mm)	X = 0 Y = 296
Fuel filter (n°)	1- left side
Fuel prefilter	-
Fuel Pump	-
Oil filter (n°)	1- right side
Oil sump	sheet steel/front well
Oil vapours blow-by circuit	on flywheel housing
Oil heat exchanger	built in the crankcase
Oil filler	-
Starter	24V- 4kW
Alternator	24V- 70A
Hydraulic steering pump (liters/min)	-
Maximum torque available from crankshaft pulley (Nm)	-
Engine stop device	by electronic control unit
Wiring harness	interface wiring loom with accessories
Painting color	grey

WEIGHT AND DIMENSIONS



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)	-
PTO - transmission ratio	1.03:1
PTO - maximum available torque	SAE A 100Nm (9 teeth)
	SAE B 240Nm (13 teeth)
	-
Battery - minimum capacity recommended [*] (Ah)	130 (24V)
Battery - minimum cold cranking capacity recommended [*] (A)	500 (24V)

Legend

Arrangement L (in line)	Air Handling TAA (Turbocharged with aftercooler) TC (Turbocharged) NA (Naturally Aspirated)	Turbocharger WG (Wastegate) VGT (Variable Geometry Turbocharger) TST (Twin Stage Turbocharge)	Injection System M (Mechanical): ECR (Electronic Common Rail) EUI (Electronic Unit Injector)	Emission Standard EEV (Enhanced Environmentally friendly Vehicle)	Exhaust System EGR (Exhaust Gas Recirculation) SCR (Selective Catalytic Reduction)
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