Construction

Construction

CURSOR 10

C10 ENT

265 kW (361 HP) @ 2100 rpm

Stage IIIA / Tier 3

CONSTRUCTION

SPECIFICATIONS

Thermodynamic cycle		Diesel 4 stroke
Air Handling		TCA
Bore x Stroke	millimeters	125 x 140
Total displacement	liters	10.3
Valves per cylinder	number	4
Cooling System		liquid
Direction of Rotation (viewed facing flywheel)		CCW
Compression ratio		16.5:1
Injection System		EUI
EGR		-

PERFORMANCES

Rated power [*]	kW (HP) @ rpm		265 (361) @ 2100
Peak torque	Nm (kgm) @ rpm		1700 (173) @ -
High idle speed	rpm		-
Low idle speed	rpm		±-
Minimum starting temperature without auxiliaries		°C	-15°
Oil and oil filter maintenance interval for replacement		hours	600

STANDARD CONFIGURATION

Flywheel housing	type		SAE 1 - aluminium
Flywheel size	inch		14"
Intake manifold location			middle high / right side / frontwards
Exhaust manifold location			middle high / left side/ backwards
Turbocharger			Fixed Geometry Turbo
Turbocharger location			middle / left side
Fan transmission ratio			1.25:1
Distance between fan - crankshaft centers		millimeters	X=0 Y=225
Fuel filter		number	single cartridge - right side
Fuel prefilter			included, supplied loose
Fuel Pump			high pressure pump (H.P.P.)
Oil filter		number	dual cartridge - left side
Oil sump			suspended sheet steel / front sump
Oil vapours blow-by circuit			close case ventilation
Oil heat exchanger			incorporated into the block
Oil filler			on timing cover
Alternator			24 V - 90 A
Hydraulic steering pump			-
Wiring harness			interface wiring loom with accessories
Painting color			grey
Starter			24 V - 5.5 kW
Maximum torque available from crankshaft pulley		Nm	-
Engine stop device			by electronic control unit

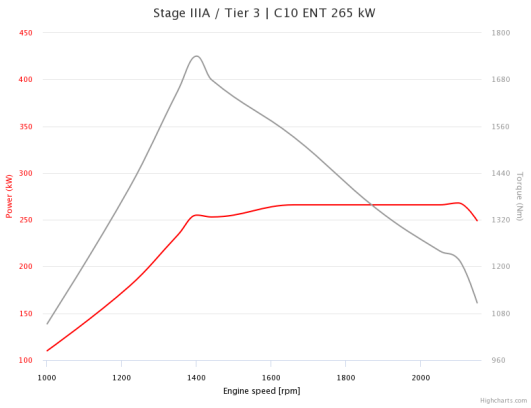
WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	20 x 881 x 1110

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

POWER & TORQUE



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)		-
PTO - transmission ratio		1.36:1
PTO - maximum available torque		SAE A 150 Nm (9 teeth ANSI B92,1) SAE B 150 Nm (13 teeth ANSI B92,1) SAE B 200 Nm (grooved - DIN 5482)
Battery - minimum capacity recommended	Ah	180 Ah (24 V)
Battery - minimum cold cranking capacity recommended	Ah	24 V - 800 Ah

LEGEND

Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
L (in line)	TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
V (90° "V" configuration)	TC (Turbocharged)	VGT (Variable Geometry Turbocharger)	ECR (Electronic Common Rail)	SCR (Selective Catalytic Reduction)
	NA (Naturally Aspirated)		EUI (Electronic Unit Injector)	
		TST (Twin Stage Turbocharge)	MPI (Multi Point Injection)	

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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

AFTER TREATMENT SYSTEM

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