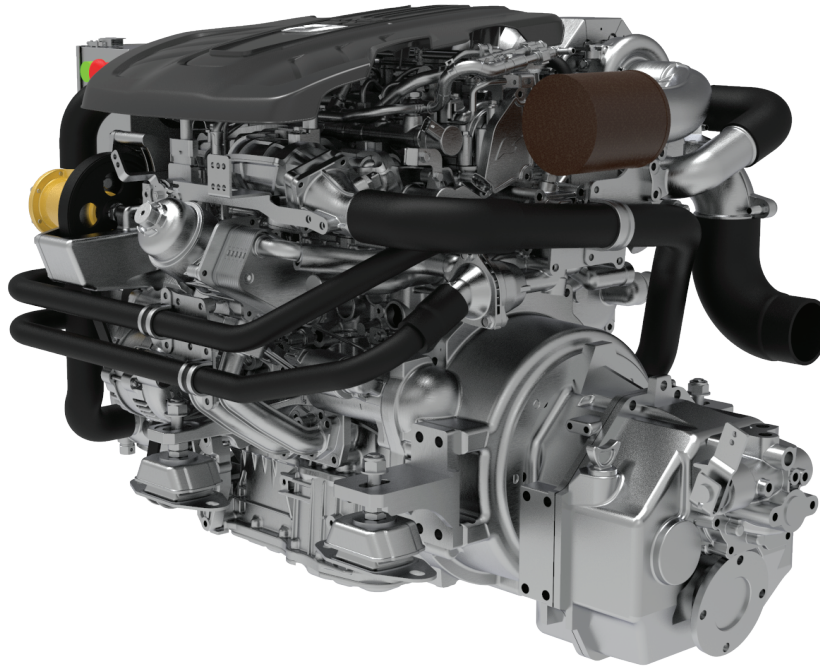


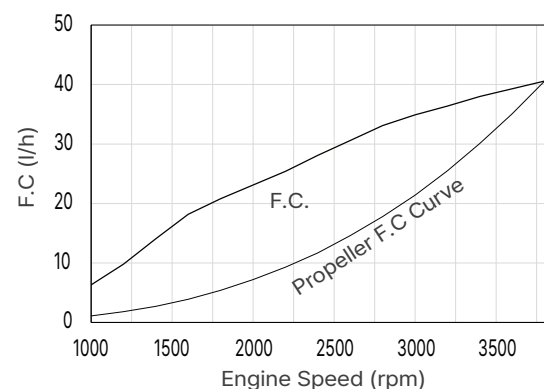
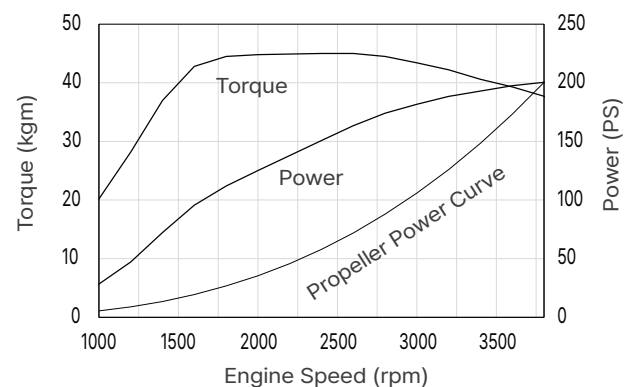
200PS

R200P



Specifications

Propulsion System	Shaftdrive
Engine Duty Rating	Special Light Commercial (S4)/ Pleasure Duty (S5)
Configuration	4-Stroke, 16-Valve DOHC, E-VGT with Intercooler, Water Cooling
Output [PS (kW)]	200 (147)
Rated RPM	3,800
Cylinders	In-line 4
Displacement [cc]	2,199
Bore X Stroke [mm]	85.4 X 96
Compression Ratio	16.0 : 1
Max. Torque	44.0 kg·m @ 2,000 rpm
Injection System	Common Rail Direct injection (CRDi) - Solenoid Injector
Alternator	12V-150A
Engine Diagnosis	YES
Max Fuel Consump.[l/h]	39.9
Dry Weight [kg]	280
Flywheel	Hyundai Unique
Flywheel Housing	BorgWarner Flange



R200P

Technical Descriptions

Engine

- Cast iron engine cylinder block
- Aluminum head
- Oil cooled pistons
- In-line 4, 16-valve DOHC
- Hydraulic lash adjusters
- Intergrated water jacket
- Balance shaft
- Drive belt auto a tensioner
- Single serpentine belt system

Engine Mounting

- Adjustable engine mounts

Lubrication System

- Electric oil extraction pump
- Easily exchangeable oil filter cartridge
- Seawater cooled transmission oil cooler

Fuel System

- Common Rail Direct Injection (CRDi)
 - Solenoid injector with 2,000 bar
- Fuel filter with sensor detecting water in fuel
- Dual pressure control valve

Electrical System

- 12 volt system and 150A alternator
- Auxiliary engine stop button
- Ceramic glow plugs for a trouble
 - free cold start
- NMEA2000 Converter (Optional)
- Electronic control system (Optional)

Cooling System

- V-ribbed drive belt for seawater pump
- Seawater cooled intercooler, heat exchanger
- Easily exchangeable rubber impeller
- Corrosion resistant material for the seawater circuit

Turbocharger

- E-VGT, Electrical Variable Geometry Turbocharger

Engine Operating Indicator (EOI)

- Engine self protection and diagnosis
- Displays CAN information
- Displays engine diagnostic error codes
- Audible alarm and control lamps

Air Inlet system

- Oil wetted and reusable air filter
- Crankcase gas vented into the air inlet

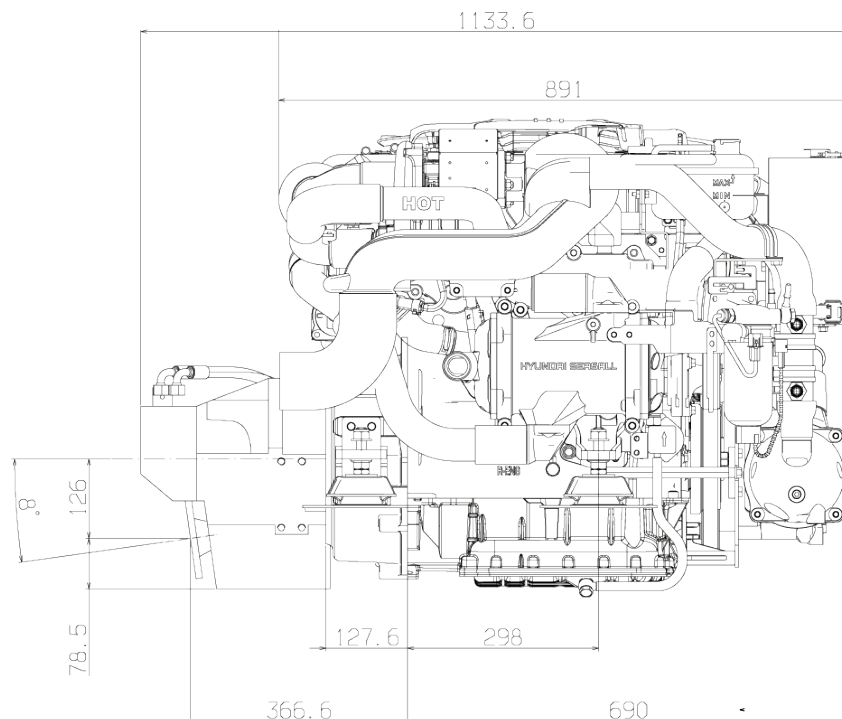
Exhaust System

- Engine coolant cooled exhaust manifold
- Seawater cooled exhaust elbow

Emissions

- EPA Tier-III
- IMO Tier-II
- RCD II
- RINA
- (Type Approval - Yacht)

Dimensions (mm) R200P ZF 45A



(Homepage) (e-Catalogue)



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