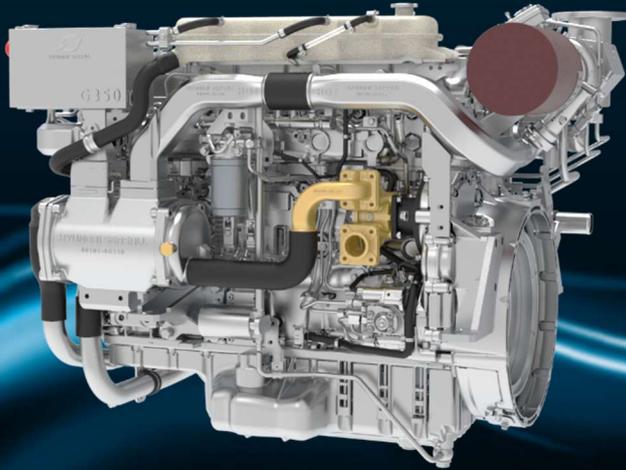


G7

350PS [257kW] acc. to ISO 3046

300PS [221kW] acc. to ISO 3046



6.8 Liter High Performance Commercial Engine

Solenoid controlled common rail injection system delivers 350PS and 120.3kgf·m of torque from the 6.8 liter in-line 6 cylinder engine.

The broad flat torque curve proves Hyundai SeasAll's diesel development capabilities are world-class and beats performance of competition's comparable models.

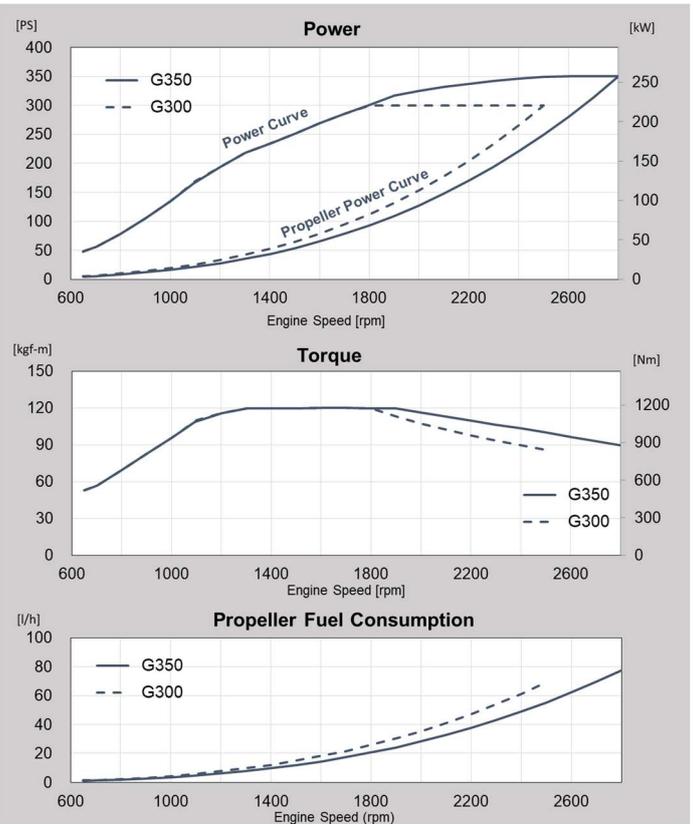
Economy is assured by the state-of-the-art fuel management system featuring Common Rail Direct Injection (CRDI).

The electronic engine control system makes the engine lighter, quieter and more fuel efficient with excellent compact dimensions.

Specifications

Engine Type	G350	G300
Propulsion System	Shaft Drive, Waterjet	
Engine Duty Rating	Light Duty (S3)	Heavy Duty (S1)
Configuration	4-Stroke, 24-Valve OHC, E-WGT, Intercooler, Fresh Water Cooling	
Output [PS (kW)]	350 (257)	300 (221)
Rated rpm	2,800	2,500
Cylinders	In-Line 6	
Displacement [cc]	6,798	
Bore X Stroke [mm]	107 X 126	
Max. Torque [kgf·m @ rpm]	120.3 @ 1800	
Injection System	Common Rail	
Alternator	24V-90A	
Engine Diagnostics	YES	
Fuel Consumption [L/h]	Max. 77.6	Max. 69.2
Dry Weight [kg]	APPROX. 686	
Flywheel	SAE #11-1/2	
Flywheel Housing	SAE #2	

Performance Curve



memo

Technical Descriptions

Engine

- 6 cylinder in-line, 24 valve OHC
- Compacted Graphic Iron block and head
- Gallery oil-cooled long lasting mono steel pistons
- Integrated water jacket
- Single serpentine belt system
- Drive belt auto tensioner

Air Inlet system

- Reusable air filter

Fuel System

- Common Rail Direct Injection (CRDI)
 - Solenoid injector with 2,000 bar
- Gear-driven fuel pump
- Electronically controlled injection timing
- Fine fuel filter and water separator

Engine Mounting

- Adjustable engine mounts (Optional)

Electrical System

- 24 volt - 90A alternator
- Auxiliary engine stop button
- Air heating system for a trouble-free cold start

Cooling System

- Gear-driven seawater pump
- Seawater-cooled intercooler, heat exchanger
- Auxiliary connector for cabin heating
- Corrosion resistant material for seawater circuit
- Easily accessible seawater impeller pump

Lubrication System

- Easily exchangeable oil filter cartridge
- Integrated oil-cooler in cylinder block
- Closed system with forced feeding
- Eco type oil filter
- Electric oil extraction pump
- Gear driven engine oil pump

Engine Operating Indicator (EOI)



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

Exhaust System

- Aluminum Alloy exhaust pipe
- E-WGT (Electric Waste Gate Turbocharger)

Emissions

- IMO Tier II
- EU RCD II

Type Approval

- RINA Classification Society

Dimensions (mm)

