

# H10-SERIES

410ps [302kW] per ISO 3046



This modern, electronically controlled design delivers 410ps and 174kg-m of torque from the 10 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 Electronic Unit Injectors (EUI). The electronic engine control system makes the engine lighter, quieter and more fuel efficient with excellent compact dimensions.

The unique one-piece CGI (Compacted Graphite Iron) cylinder head makes the engine lighter and quieter than engines with conventional heads for more comfort onboard. Plus, longevity is assured with close to double the fatigue life of aluminum.

## Technical Descriptions

### Engine

- 6 cylinder in-line, 24 valve OHC
- One-piece Compacted Graphite Iron (CGI) cylinder head
- Cast iron cylinder block
- 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
- Intake Extension Kit (Optional)

### Fuel System

- Electronic Unit Injector (EUI)
- Gear-driven fuel pump
- Electronically controlled injection timing
- Fine fuel filter and water separator

### Engine Mounting

- Adjustable engine mounts (Optional)

### Electrical System

- 24 volt – 70A alternator
- Auxiliary engine stop button
- Air heating system for a trouble-free cold start
- NMEA2000 Converter (Optional)
- 2 Pole system (Optional)

### 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 drive engine oil pump
- Washable auxiliary cyclone oil filter

### Instrument Box Assembly



- Engine self-protection and diagnosis
- Displays CAN information
- Displays engine diagnostic error codes
- Audible alarm and control lamps
- Idle & PTO rpm adjustable switch

### Exhaust System

- Cast iron exhaust pipe
- E-VGT (Electric Variable Geometry Turbocharger)

### Emissions

- IMO Tier II (EIAPP)
- US EPA Tier III
- CCNR Tier II

### Type Approval

- RINA Classification Society

## Scope of Supply

	RATINGS <sup>1</sup>	OM	IBA <sup>2</sup>	SeasLink***	BC**	DEP	SWP	TWO-POLE*	IEK**	NMEA 2000 C	SSS
H410	S1	●	●	○	●	●	●	○	○	○	○

OM=OPERATION MANUAL IBA=INSTRUMENT BOX ASSEMBLY (WITH EOI) BC=BELT COVER DEP=DRY EXHAUSTED PIPE SWP=SEA WATER PUMP  
IEK=INTAKE EXTENSION KIT\*\* C=CONVERTER SSS=SAFETY STOP SWITCH

### 1. RATINGS

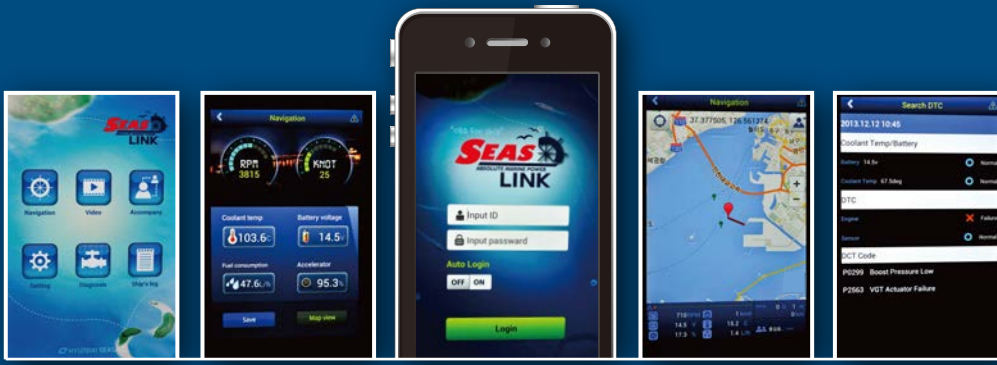
**S1** HEAVY DUTY COMMERCIAL

### 2. INSTRUMENT BOX ASSEMBLY includes

EOI BOX, RPM GAUGE and WIRING HARNESS

● : Standard ○ : Option - : N/A  
S = Sterndrive P = Propeller Shaft J = Water Jet  
G = For Generator Pr = Prime Power Sb = Stand-by

\* Factory-installed option, \*\* Standard or optional depending on market. \*\*\* Supply schedule may differ. To find out more about configurations and accessories available, please contact your nearest Hyundai SeasAll dealer.



## ON THE SMARTER PHONE

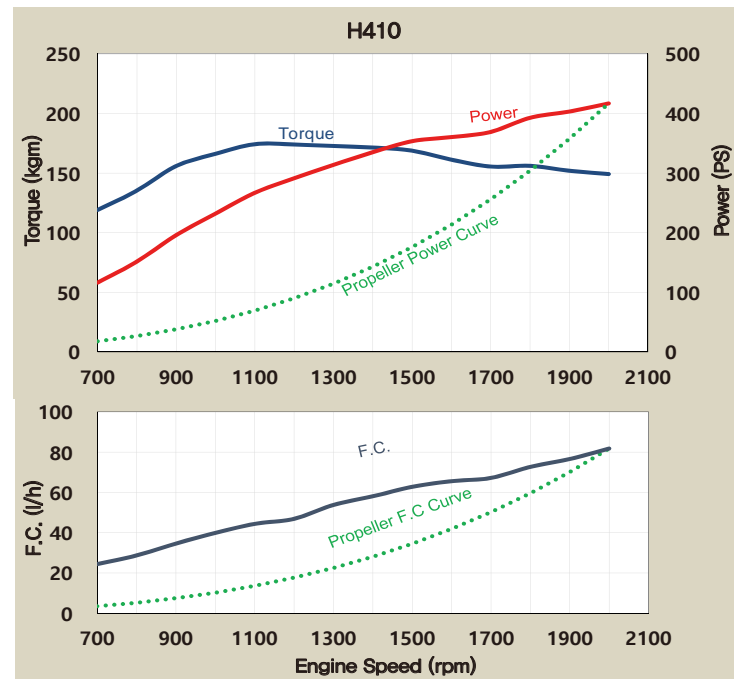
- Displays Engine Information
- Displays Boat Track on the Map
- Monthly User's Log Information
- Engine Diagnostic Functions
- Audible Warning Alarm and Visual Pop-up Screen



## Specifications

Engine Type	H410
Propulsion system	Shaftdrive
Engine Duty Rating	Heavy Duty (S1)
Configuration	4-Stroke, 24-Valve OHC WGT with Intercooler, Fresh Water Cooling
Output [ps (kW)]	410 (302)
Rated rpm	2,000
Cylinders	In-line 6
Displacement [cc]	9,960
Bore X Stroke [mm]	122 × 142
Compression Ratio	16 : 1
Max. Torque @ rpm	174.0kg·m @ 1,100 rpm
Injection System	Electronic Unit Injector (EUI)
Alternator	24V-70A
Engine Diagnostics	YES
Max Fuel Consump.[l/h]	81.8
Dry Weight [kg]	1,120
Flywheel	SAE 14
Flywheel Housing	SAE 1

## Performance Curves



## Dimensions (mm)

