

U-Series

125hp [92kW] acc. to ISO 8665

The innovated fuel injection technology enables an absolutely excellent power and torque. This Solenoid Common Rail Direct Injection System(CRDi) delivers 125hp and 26.5kg·m of torque from the 1.6 liter engine. Completely optimized design from electronic engine control system realize superb fuel efficiency, world-class diesel performance with low emissions.



Technical Descriptions

*. The product may differ from photos.

Engine

- Cast iron engine cylinder block
- Aluminum head
- Oil cooled pistons
- I4 4 valve DOHC
- Hydraulic lash adjusters
- Integrated water jacket
- Hydraulic timing chain auto tensioner
- Single serpentine belt system
- Drive belt auto tensioner

Engine Mounting

- Adjustable engine mounts

Lubrication System

- Easily exchangeable oil filter cartridge
- Electric oil extraction pump

Fuel System

- Common Rail Direct Injection (CRDi)-Solenoid injector
- Fuel filter with sensor detecting water in fuel
- Electric fuel pump
- Dual pressure control valve

Electrical System

- 12 volt system and 120A alternator
- Auxiliary engine stop button
- Ceramic glow plugs for a trouble-free cold start

Cooling System

- V-ribbed belt driven seawater pump
- Seawater cooled intercooler, heat exchanger
- Corrosion resistant material for the seawater circuit

Engine Operating Indicator



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

Air Inlet system

- Reusable air filter
- Crankcase gases vented into the air inlet

Exhaust System

- Engine coolant cooled exhaust manifold
- Seawater cooled exhaust elbow

Turbocharger

- Variable Geometry Turbine (VGT)

Engine Coupler

- Life-long and rattle free rubber roller coupler

Emissions

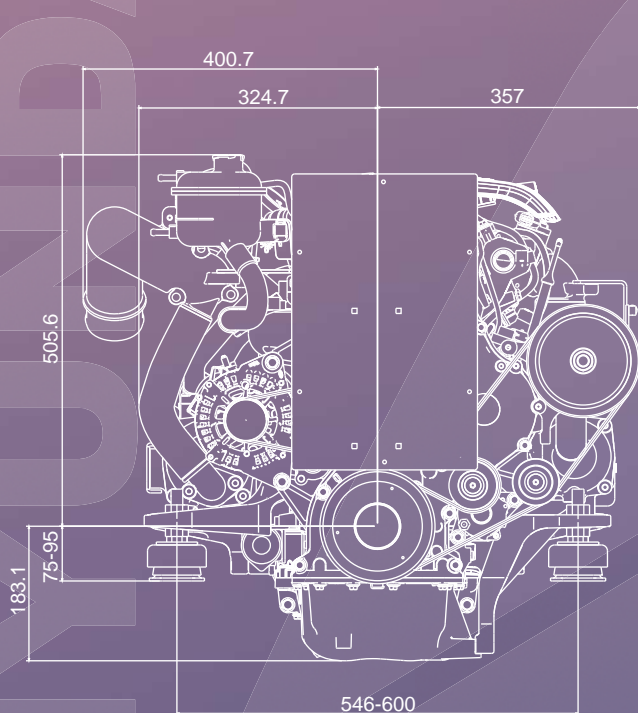
- EPA Tier 3 and RCD compliant

STERNDRIVE DIESEL ENGINE

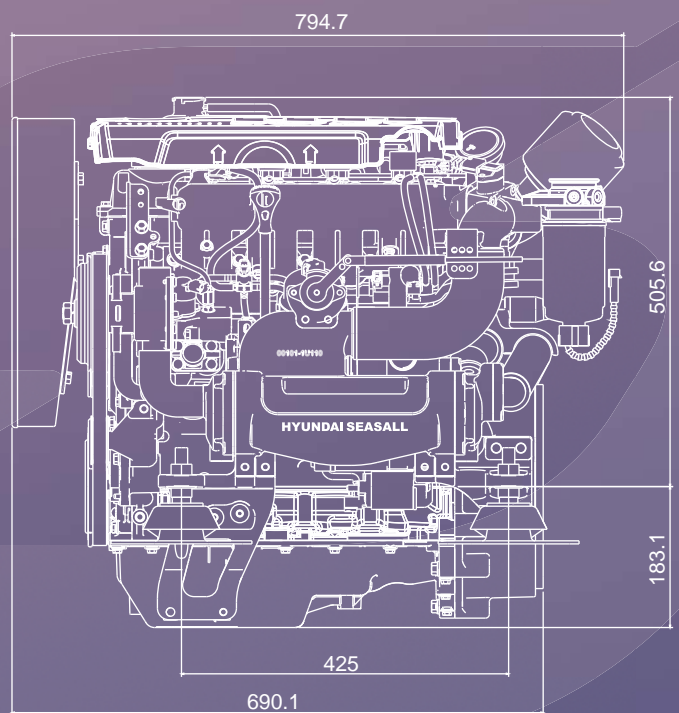
U125

▪ Engine duty rating	S5 (Pleasure Duty)
▪ Output [hp(kW)] per ISO 8665	125hp (93kW)
▪ RPM @ full load	4,000rpm
▪ Max.torque @ at speed	26.5kg·m @ 1,900rpm
▪ Cylinders	4 in-line
▪ Displacement [cc]	1,582 cc
▪ Dimensions [mm(LxWxH)]	793 x 771 x 687 mm
▪ Weight [kg]	220kg

▪ U125



Front view



Side view