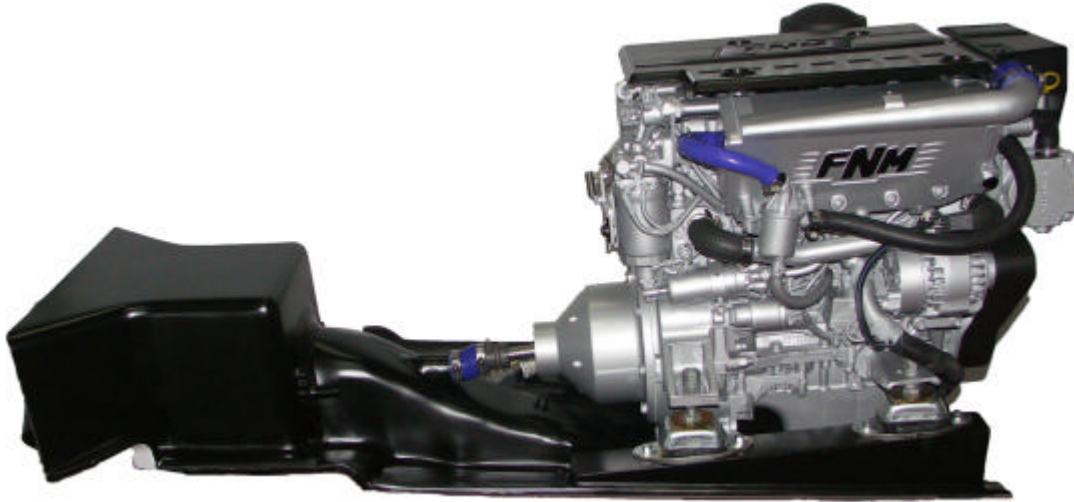




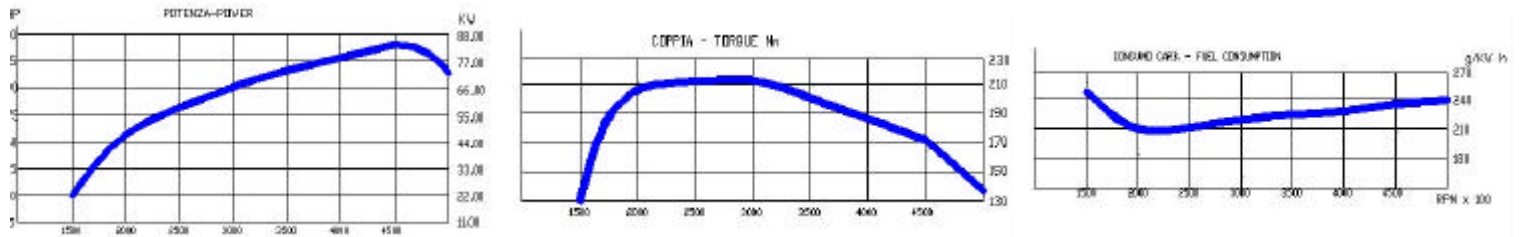
MARINE DIESEL ENGINES



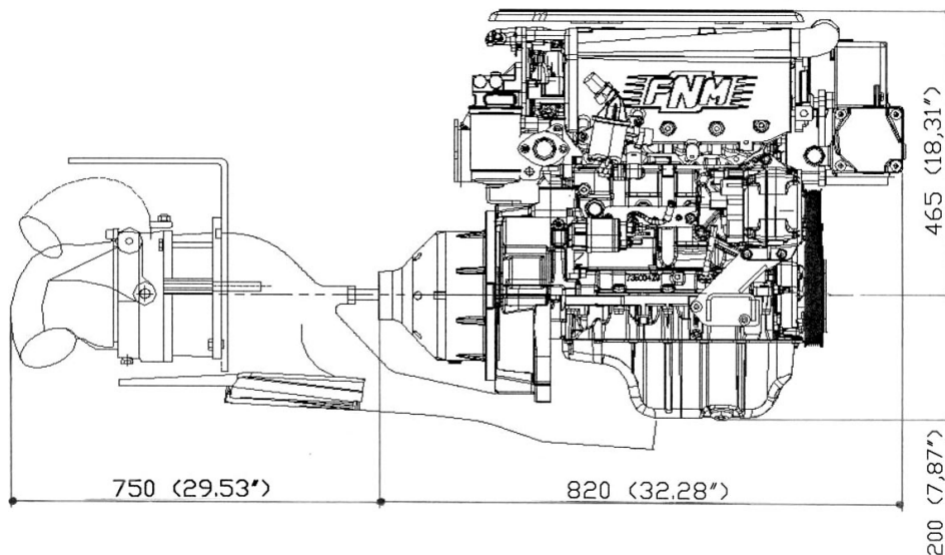
FNM HPE 110 JD

Configuration	4-stroke diesel, DOHC 16 V with timing chain
Maximum output at crankshaft	80,8 kW/ 110 HP at 4500 rpm
Maximum torque	216 Nm at 2200 rpm
Displacement	1248 c.c.
Bore x stroke	69.6 x 82 mm
Cylinders	4, in-line
Injection system	Direct Injection Common rail
Aspiration	Supercharged with turbo
Starting system	Electric starting 12 V – 1.3 kW
Alternator	14 V – 75 A
Cooling system	Double water cooling system with heat exchanger
Lubrication system	Forced lubricating system with pump
Crankshaft rotation (flywheel view)	Counterclockwise
Type of jet pump	Axial flow
Impeller diameter	Standard 148 mm, available up to 155 mm
Type of impeller	Stainless steel with 4 blades AISI 316
Reverse gear	Reverse gate
Steering system	Steering nozzle
Dry weight engine with Jet drive	186 Kg
Engine mounting	Rubber type anti-vibration mounting AMC
Environmental	Meets the EU comprehensive emissions regulation 2006

Performance Curves (Output is according to ISO 8665)



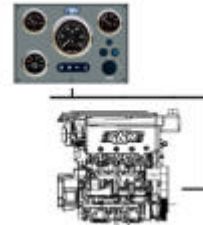
Dimensions (For detailed line-drawings, please refer to our website www.fnm-marine.com)



HPE 110 with Jet Drive FNM AUTORE

Panel instrument

- Oil pressure
- Water temperature
- Voltmeter
- RPM counter
- 4 meter cable



Accessories

Standard Package

- Jet drive mod. FNM AUTORE
- Set of flexible mounts
- Alternator 14 V – 75 A
- Starter motor 12 V – 1,3 kW
- Stainless steel seawater-cooled elbow diameter 60 mm
- Instrument panel with 4 mt. cable
- Water-cooled exhaust manifold
- Racor filters
- Engine top cover
- Rubber flexible coupling

Optional

- 8 mt. auxiliary extension cable
- Trim unit
- Waterjet bed mould model
- Bronze seawater pump

Text and illustrations are not binding. CMD, owner of the FNM brand, reserves the right to introduce adaptations without prior notification. Eng. 08/09/08

Compliant with the RCD 2003/44/CE emission standards.



www.fnm-marine.com