



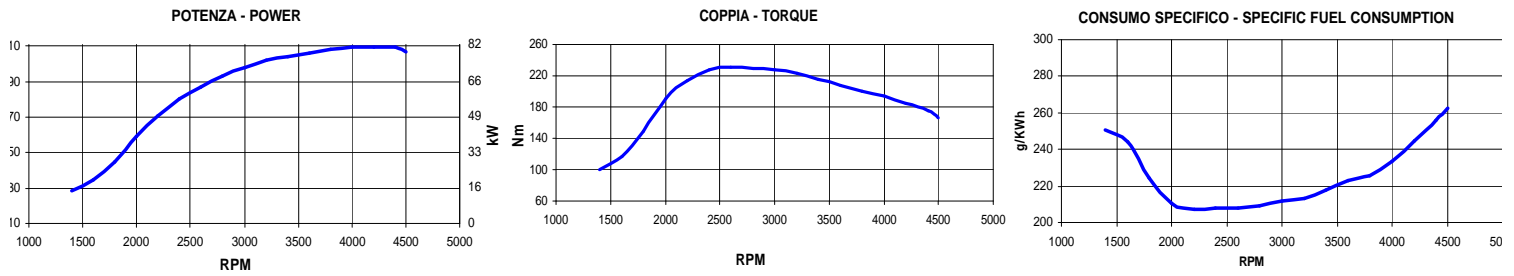
MARINE DIESEL ENGINES



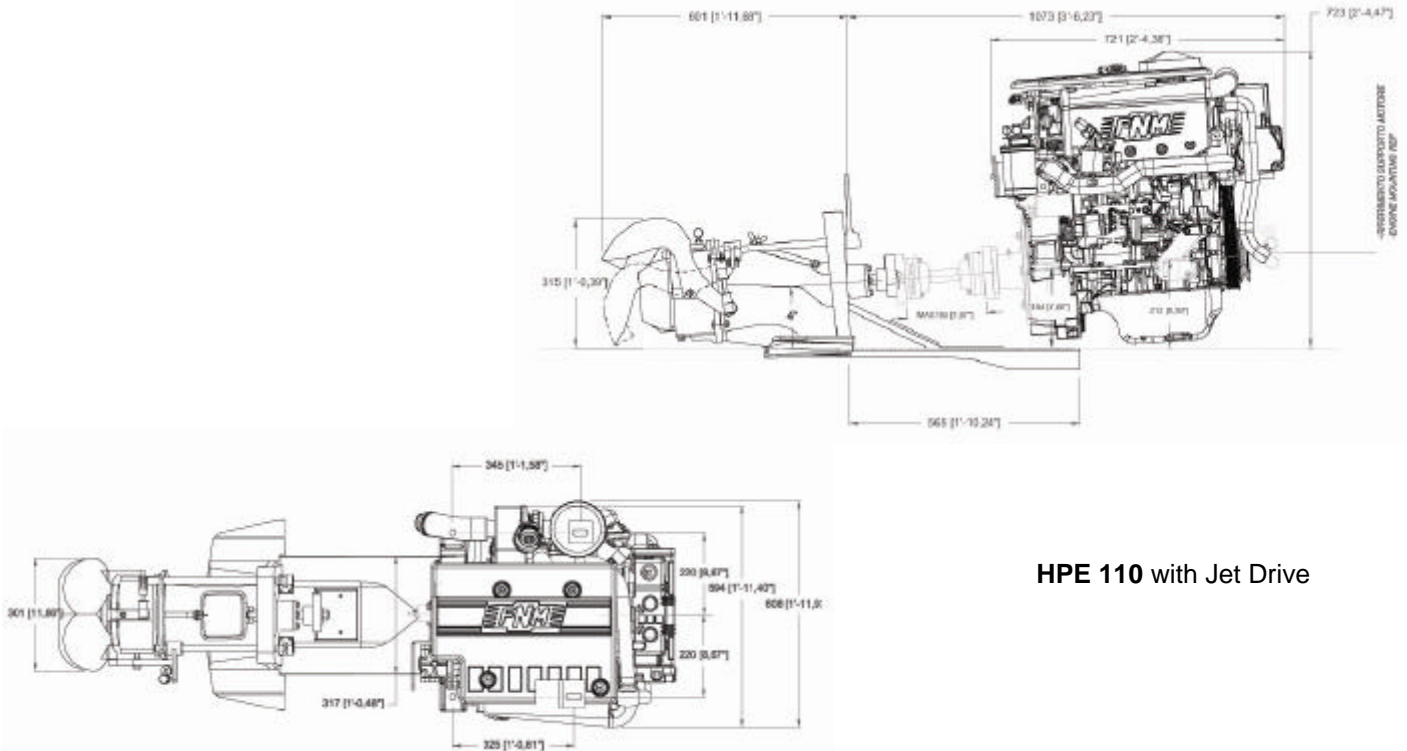
FNM HPE 110 Jet Drive

| | |
|---|--|
| Configuration | 4-stroke diesel, DOHC 16 V with timing chain |
| Maximum output at crankshaft | 80,8 kW/ 110 HP at 4000-4400 rpm |
| Maximum torque | 230 Nm at 2600 rpm |
| Displacement | 1248 c.c. |
| Bore x stroke | 69.6 x 82 mm |
| Cylinders | 4, in-line |
| Injection system | Direct Injection Common rail |
| Aspiration | VG Turbocharger |
| 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 side) | Counterclockwise |
| Type of jet pump | Axial flow |
| Impeller diameter | Standard 160 mm |
| Type of impeller | Bronze alloy 3 pales |
| Reverse gear | Reverse gate |
| Steering system | Steering nozzle |
| Dry weight engine with Jet drive | 216 Kg |
| Engine mounting | Rubber type anti-vibration mounting AMC |
| Environmental | Compliant with the RCD 2003/44/CE emission standards |

Performance Curves (Output is according to ISO 8665)

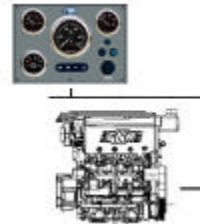


Dimensions (For detailed line-drawings, please refer to our website www.fnm-marine.com)



Panel instrument

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



Accessories

Standard Package

- Jet drive unit mechanic control
- 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® filter
- Engine top cover

Optional

- 8 mt. auxiliary extension cable
- Python® driveshaft complete with flange
- Shifting mechanism & cables
- Waterjet mounting template
- Bronze body seawater pump
- Connection bar set
- Electric control cylinder set for deflector

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.



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