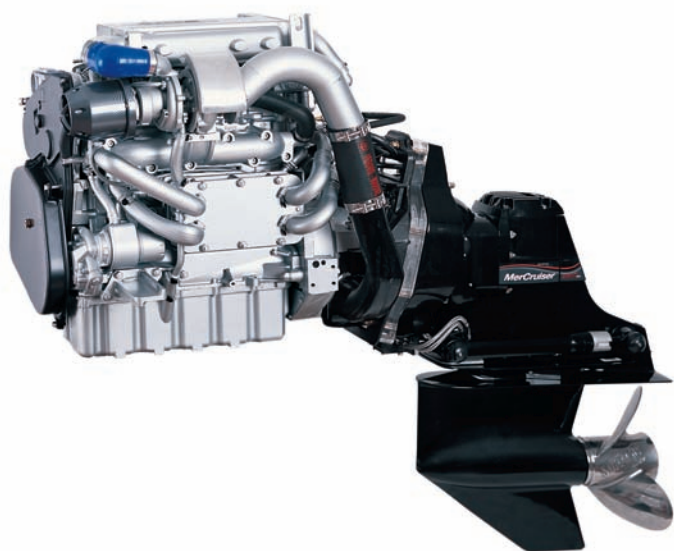




MARINE DIESEL ENGINES



FNM HPEP 225

Configuration	4-stroke cycle, twin camshaft, 20 V
Maximum output at crankshaft	165 kW/225 hp at 4000 rpm
Maximum output at propeller	157 kW/214 hp at 4000 rpm
Maximum torque	416 Nm at 2500 rpm
Displacement	2.387 c.c.
Bore x stroke	82 x 90,4 mm
Cylinders	5, in-line
Combustion system	Direct injection Common Rail
Aspiration	Supercharged with variable geometry turbine
Starting system	Electric starting 12 V – 2,1 kW
Alternator	12 V – 105 A
Cooling system	Double water cooling system with heat exchanger
Lubrication system	Totally enclosed, forced lubricating system with pump
Max. mounting inclination	14°
Dry weight without stern drive	290 kg
Environmental	Meets the EU comprehensive emissions regulation 2006
Engine mounting	Rubber type anti-vibration mounting