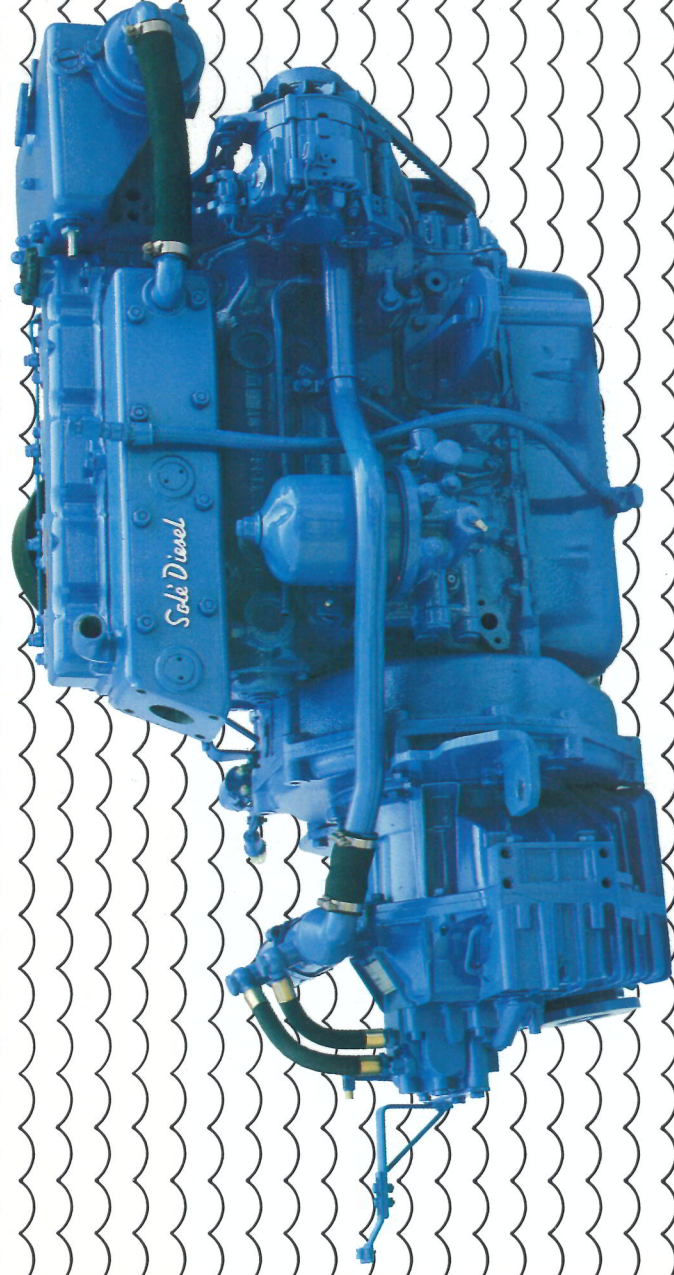


Solé Diesel

ENGINE

MARINE DIESEL ENGINE HS-121

BASE ON HINO - 4 CYLINDERS 115 HP



General

This modern Marine Diesel Engine is notable for its ruggedness, reliability, and compact dimensions, making it ideal for recreational boating as well as for professional work.

The engine block and the cylinder head are made of cast iron, the pistons are of light alloy and the dry cylinder liners are interchangeable; this prolongs the engine's life and makes servicing easy.

Combustion System

The direct injection system with an on-line pump and mechanical governor makes for low fuel consumption and high performance at all r.p.m.'s, as well as low noise and vibration levels.

Cooling System

The fresh water cooling system, with thermostatically controlled heat exchanger, keeps engine temperatures

at a uniform level whatever the r.p.m. rate. The oil is also cooled by the same fresh water system.

Electrical System

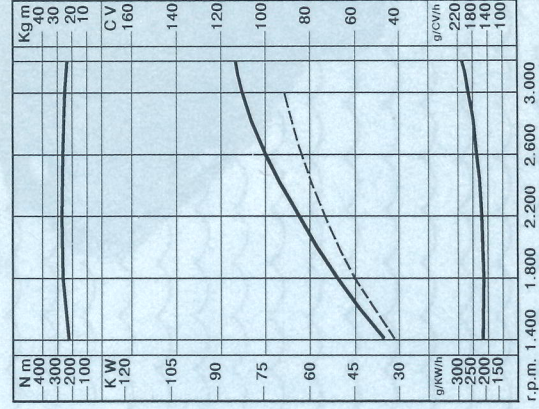
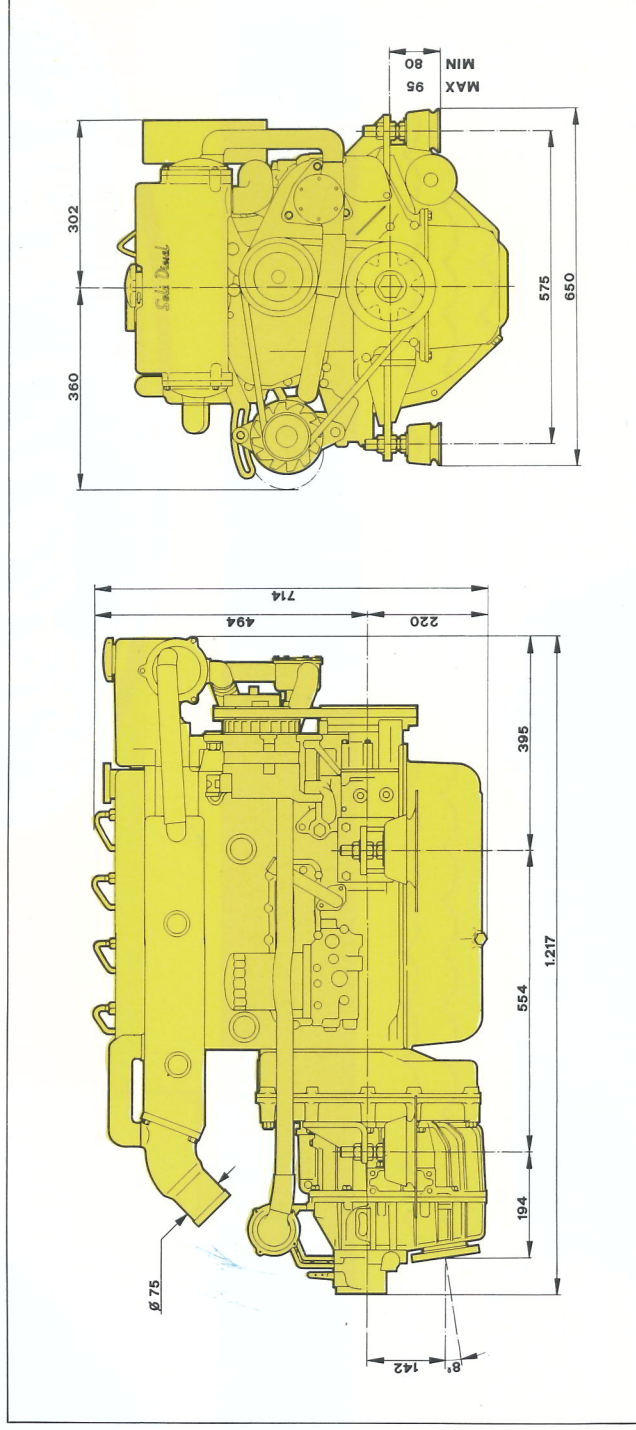
The electrical system uses 12 Volts, with a 50 Amp alternator and built-in electronic regulator. A complete control panel with accoustical alarm system efficiently protects the engine from any possible irregularities. The electrical unit is mounted on the engine, facilitating its assembly.

Gear box

The high performance hydraulic gear box, HURTH HBW 630A, has its output shaft at an 8° angle, substantially lowering the height of placement. It also admits the mounting of both right-spinning and left-spinning propellers.

The engine can be supplied with other types of reverse gears at customer's request.

HS-121



SPECIFICATIONS:

Type	Diesel, 4 strokes.
N.º of cylinders	4 in line
Diameter x stroke mm (in)	104 x 118 (4,09 x 4,65)
Total displacement cc (cu.in) ...	4.009 (244,6)
Compression ratio	17,9:1
Max. Output Contin. DIN 6270A	93 Hp. (68,45 KW)
Max. Output Interm. DIN 6270B	115 Hp. (84,64 KW)
Max. speed Continuous	3.000 r.p.m.
Max. speed Intermittent	3.200 r.p.m.
Combustion system	Direct injection
Cooling system	Fresh water cooling with heat exchanger. Water cooled exhaust manifold.
Electrical system	12 V. Starter 2,5 KW. Alternator 50 A.
Gear box	Standard: Hydraulic, HURTH HBW-630A. 8º down angle. Optional: P.R.M.
Reduction ratio	1,5:1 - 2:1 - 3:1
Weight with gear box Kg (lbs.) .	415 (915)
Installation angle	Continuous 15º. Intermittent 18º.

Standard equipment:

Electrical starter and alternator, electric stop, control panel with tachometer, hour counter, water temperature and oil pressure gauges, starter switch audible and visual alarms for water temperature, oil pressure and battery charge, flexible mountings, 4 mts. wirings and connection kits for control cables.

Optional equipment:

Waterstrainer, water filter, fuel filter with water separator, remote engine control, propeller shaft, stern tube and propellers.

Specifications are subject to change without prior notice.

Importer:

Dealer: