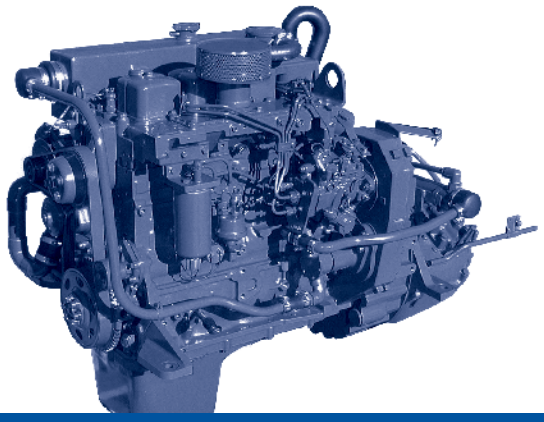
Euro Holland Diesels

Built by Lancing Marine



EHD445 - 91 HP at 2300 RPM
EHD667 - 111 HP at 2300 RPM
EHD667T - 191 HP at 2600 RPM

New Holland parts support throughout Europe, the Americas and countries worldwide

Engine specifications may vary as improvements are introduced
Specifications are subject to change without notice and are not for engineering purposes
See the Lancing Marine Price Book for Complete Installation Kit
Lancing Marine reserve the right to alter specifications without notice

Design Features

Engine
Low noise, high strength, rugged bottom end with 5 or 7 main bearings, thick wall parent bore. Large diameter valves to improve volumetric efficiency. High compression ratio for faster starts and warm ups with reduced white smoke.

Fuel system
High nozzle opening pressures for high fuel efficiency and low smoke. Self air purge fuel pump, automatic excess fuel and timing retard for excellent cold starting.

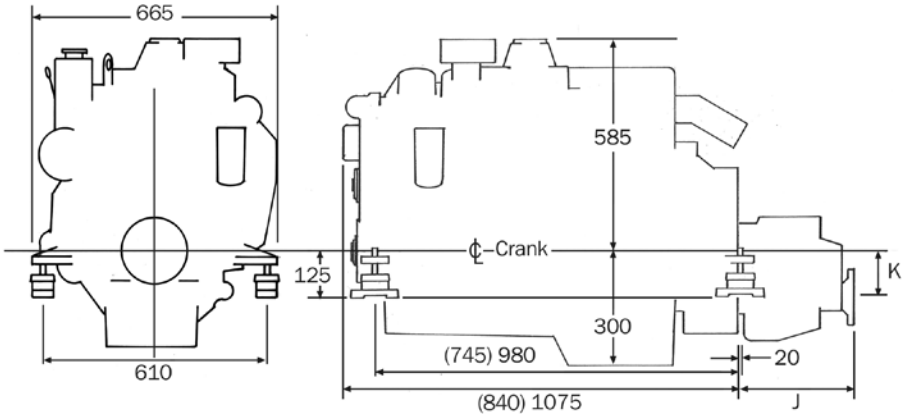
Reliability
A robust designed engine for long life.

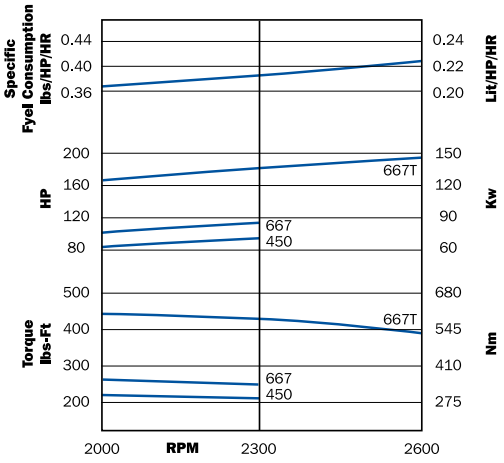
Serviceability
Long filter and oil change intervals (300 hours). Self adjusting poly vee drive belt for alternator and fresh water pump for low slippage with minimal power loss and longer bearing life.

Variation to standard specification (see inside front cover) and extra optional items for this engine type

Additional standard items
Electric run/stop control
Full power dynomometer test on 191HP engine

Optional items
Power take-off pulley or shaft
Keel cooling and dry exhaust in lieu of heat exchanger system





Figures in brackets are for 4-cylinder engine
Dimensions J & K can be found in the gearbox specification pages 9 - 15

Detailed specification

Engine model	EHD445	EHD667	EHD667T
Power Maximum H.P.	91	111	191
RPM Maximum	2300	2300	2600
Torque Maximum Nm	318	477	600
Cubic capacity, litres	4.5	6.7	6.7
Bore, mm	104	104	104
Stroke, mm	132	132	132
Aspiration	Natural	Natural	Turbocharged
Engine rotation	Anti-clockwise viewed from rear		
Compression ratio	17.5:1		
Electrics 12v earth return Alt, Amps	90	90	90
Minimum battery size	1X180 AH 12 volt		
Minimum starter cable, length=size	0.6M = 70mm²/1.2M = 95mm²		
Engine operating angles			
Engine front down (degrees)	0	0	0
Sideways (degrees)	22	22	22
Engine front up (degrees)	20	20	20

Engine model	EHD445	EHD667	EHD667T
Max Fuel Consumption, lit/hour	20	25	44
Fuel feed diameter, mm	9	9	9
Fuel return diameter, mm	9	9	9
Exhaust diameter, ins (mm)	3 (75)	3 (75)	4 (102)
Water intake diameter, ins (mm)	7/8 (22)	7/8 (22)	1 1/8 (22)
Coolant capacity, lit	21	22	22
Oil capacity, lit	12	16	16
Weight, Engine, Kg	350	500	520
Guide to sterngear			
Max. Prop. dia. for gear ratio 1.5:1 ins	22"	19"	19"EP
Min. Shaft Dia. St. St. ins (mm)	1 3/8 (35)	1¾ (45)	1 5/8 (45)
Speed range for this ratio (knots)	7-14	14-24	18-28
Max. Prop. dia. for gear ratio 2:1	28"	24"	22"EP
Min. Shaft Dia. St. St. ins (mm)	1 5/8 (45)	1 ¾ (45)	1 ¾ (45)
Speed range for this ratio (knots)	5-10	10-20	14-24
Max. Prop. dia. for gear ratio 3:1	34"	31"	32"
Min. Shaft Dia. St. St. ins (mm)	2 (50)	2 (50)	2 (50)
Speed range for this ratio (knots)	3-10	5-12	6-10