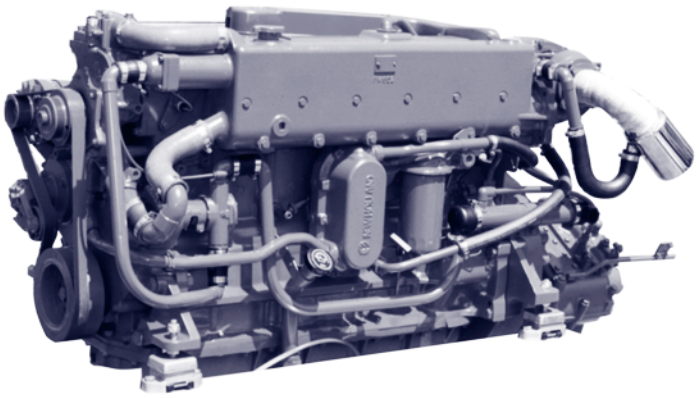
New Holland Diesel 6 cylinder turbo



NHD675TL - 174 HP at 1900 RPM
NHD675T - 235 HP at 2500 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 7 main bearings, piston cooling, 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, and thermostart for -20° operation.

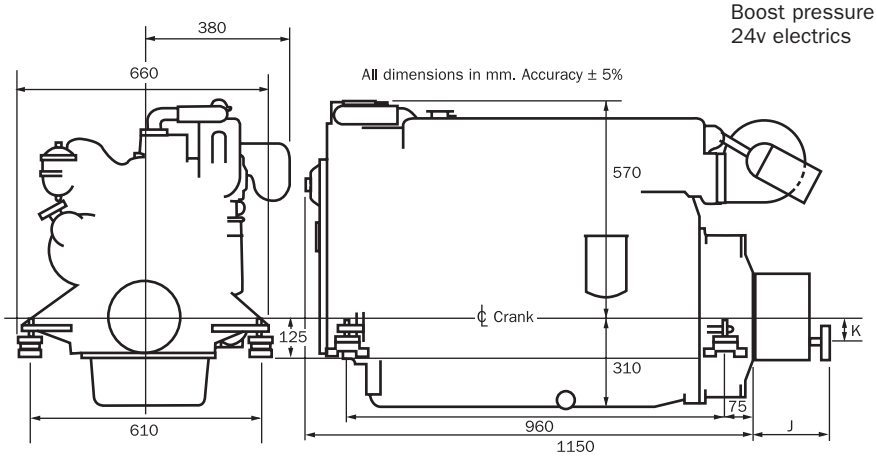
Reliability
A robust designed engine for long life. Cast iron crankcase for maximum rigidity.

Serviceability
Piston jet oil cooling for extended life. 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.

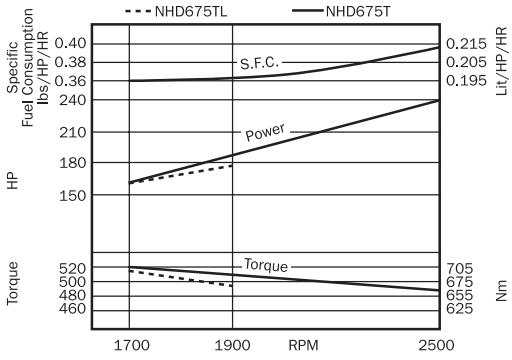
Variation to standard specification (see inside front cover) and extra optional items for this engine type

Additional standard items
Electric run/stop control
Full power dynomometer test
Fuel-in-water sensor

Optional items
Aluminium sump
Continuous run bilge pump
Water-cooled turbocharger
Power take-off pulley or shaft
Boost pressure gauge
24v electrics



Dimensions J & K can be found in the gearbox specification pages 12 - 16



Detailed specification

Engine model	NHD675TL	NHD675T
Power Maximum H.P.	174	235
RPM Maximum	1900	2500
Torque Maximum Nm	750	
Cubic capacity, litres	7.5	
Bore, mm	112	
Stroke, mm	127	
Aspiration	Turbocharged	
Engine rotation	Anti-clockwise viewed from rear	
Compression ratio	17.5:1	
Electrics 12v earth return Alt, Amps	70	
optional 12v insulated Alt, Amps	70 or 105	
optional 24v insulated Alt, Amps	40	
Minimum battery size	1X176 AH 12 volt	
Minimum starter cable, length=size	0.6M = 70mm²/1.2M = 95mm²	
Engine operating angles		
Engine front down (degrees)	5	
Sideways (degrees)	35	
Engine front up (degrees)	30	

Engine model	NHD675TL	NHD675T
Max Fuel Consumption, lit/hour	35	49
Fuel feed diameter, ins	3/8	
Fuel return diameter, ins	3/8	
Exhaust diameter, ins (mm)	4 (100)	
Water intake diameter, mm	32	
Coolant capacity, lit	20	
Oil capacity, lit	21	
Weight, Engine, Kg	630	
Guide to sterngear		
Max. Prop. dia. for gear ratio 1.5:1 ins	24"	20"
Min. Shaft Dia. St. St. ins (mm)	1 3/4 (45)	1 5/8 (45)
Speed range for this ratio (knots)	11-22	19-38
Max. Prop. dia. for gear ratio 2:1	29"	25"
Min. Shaft Dia. St. St. ins (mm)	2 (50)	2 (50)
Speed range for this ratio (knots)	7-18	13-26
Max. Prop. dia. for gear ratio 3:1	40"	34"
Min. Shaft Dia. St. St. ins (mm)	2 1/2 (65)	2 1/4 (60)
Speed range for this ratio (knots)	5-12	7-14