

NGV-HY068

On Road, Off-Road, Power Gen
170 kW (230 hp) @ 1600-2500 rpm
EEV / EURO VI 7 Stage V



PERFORMANCE

Peak Power	170 kW (230 hp) @ 1600-2500 rpm
Peak Torque	1100 Nm @ 1400 rpm
High Idle Speed	2800 rpm
Low Idle Speed	+/- 600 rpm
Minimum Starting Temperature (without auxiliaries)	-20°C
ISO Power	1600 – 2500 rpm

SPECIFICATION

Thermodynamic cycle	Otto 4 stroke
Air Management System	TCA
Bore x Stroke	107 x 126
Total Displacement	6.8
Valves per Cylinder	4
Cooling System	Liquid
Direction of Rotation (viewed facing flywheel)	Counterclockwise
Compression Ratio	10.5 : 1
Fuel	CNG / LNG
Injection System	Multi-point
Arrangement	6-cylinder in-line

STANDARD CONFIGURATION

Intake Manifold Location	Left side
Exhaust Manifold Location	Right side
Turbocharger	Fixed Geometry with controlled WG
Turbocharger Location	Right side
Fuel Filter	In line ahead of pressure regulator
Oil Filter	Single cartridge - left side
Oil Sump	Unsuspected aluminium cast
Oil Vapor	Blow-by circuit close case ventilation
Oil Cooling	Coolant heat exchanger
Alternator	24 V - 160 A
Starter	24 V - 5 kW
Engine Stop device	Electronic control unit
Wiring Harness	Engine wiring
Air Compressor	Available on request

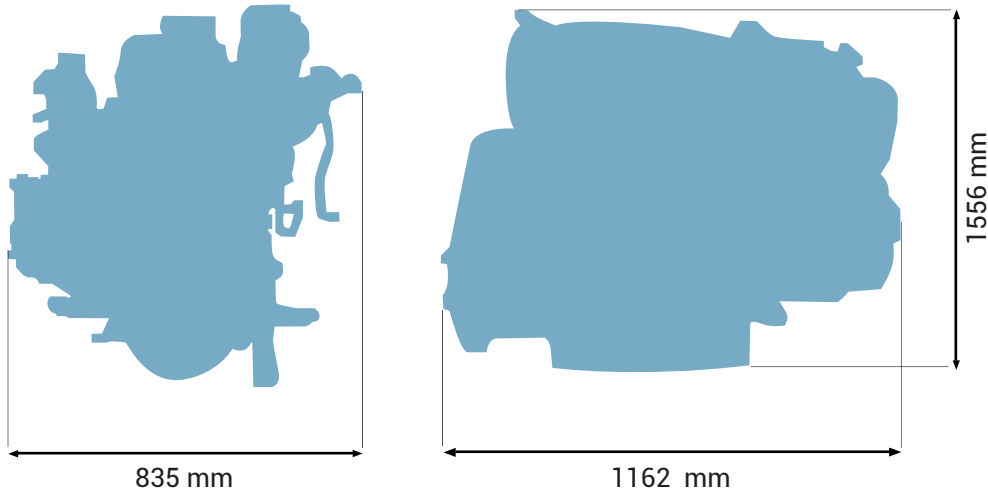
WEIGHT AND DIMENSION

Dimension [LxWxH]

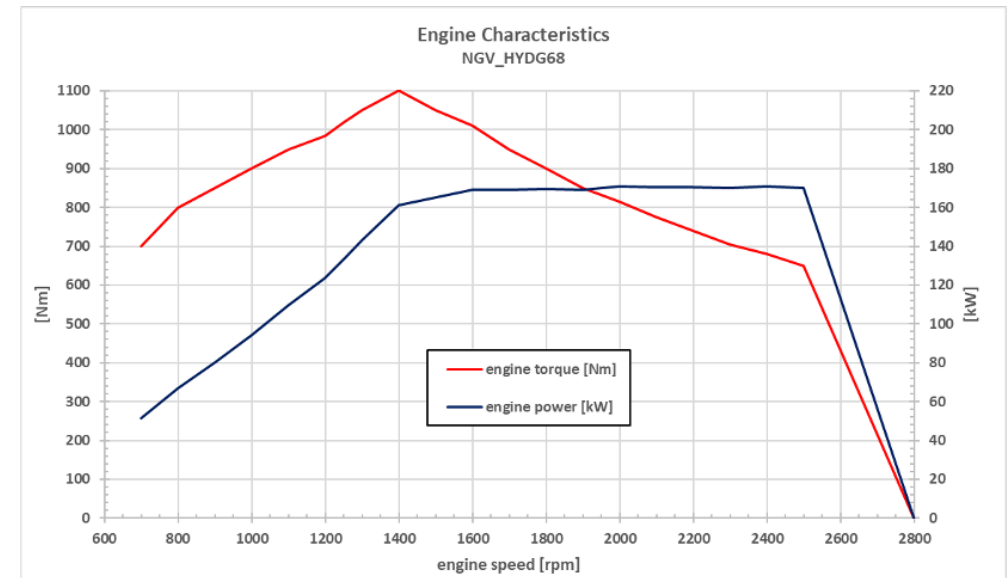
1162 x 835 x 1156 mm

Dry Weight

637 kg



POWER & TORQUE



NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)

PTO - Transmission Ratio

PTO - Maximum Available

Battery - minimum capacity recommended 125 Ah

Battery - minimum cold cranking capacity recommended 800 Ah

LEGEND

Arrangement

L (in line)
V (90° V configuration)

Air Handling

TCA (Turbocharged with aftercooler)
TC (Turbocharged)
NA (Naturally Aspirated)

Turbocharger

WG (Wastegate)
VGT (Variable Geometry Turbocharger)
TST (Twin Stage Turbocharger)

Injection System

M (Mechanical)
ECR (Electronic Common Rail)
EUI (Electronic Unit Injection)
MPI (Multi Point Injection)

Emission standard

EEV (Enhanced Environmentally friendly Vehicle)

Exhaust System

EGR (Exhaust Gas Recirculation)
SCR (Selective Catalytic Reduction)