

# NGV-K0025NA

Power Gen  
25 kW (34 hp) @ 1400-2500 rpm  
Stage V / Tier 4 Final



## PERFORMANCE

Peak Power	25 kW (34 hp) @ 1400-2500 rpm
Peak Torque	165 Nm @ 1400 rpm
High Idle Speed	2800 rpm
Low Idle Speed	+/- 800 rpm
Minimum Starting Temperature (without auxiliaries)	-20°C
ISO Power	1400 – 2500 rpm

## SPECIFICATION

Thermodynamic cycle	Otto 4 stroke
Air Management System	Naturally aspirated
Bore x Stroke	88 x 102
Total Displacement	2.5
Valves per Cylinder	4
Cooling System	Liquid
Direction of Rotation (viewed facing flywheel)	Counterclockwise
Compression Ratio	12,5 : 1
Fuel	CNG / LNG / NG / LPG
Injection System	Single-point
Arrangement	4-cylinder in-line

## STANDARD CONFIGURATION

Intake Manifold Location	Right side
Exhaust Manifold Location	Left side
Fan Transmission Ratio	1,32 : 1
Distance between fan - crankshaft center	X= 220 mm Y=30 mm
Fuel Filter	In line ahead of pressure controller
Oil Filter	Single cartridge - right side
Oil Sump	Unsprung sheet steel / front or back sump
Oil Vapor	Blow-by circuit close case ventilation
Oil Cooling	Coolant heat exchanger
Alternator	12/24 V - 80 A
Starter	12/24 V - 2 kW
Engine Stop device	Electronic control unit
Wiring Harness	Engine wiring
Hydraulic Steering Pump	10,4
Air Compressor	Available on request

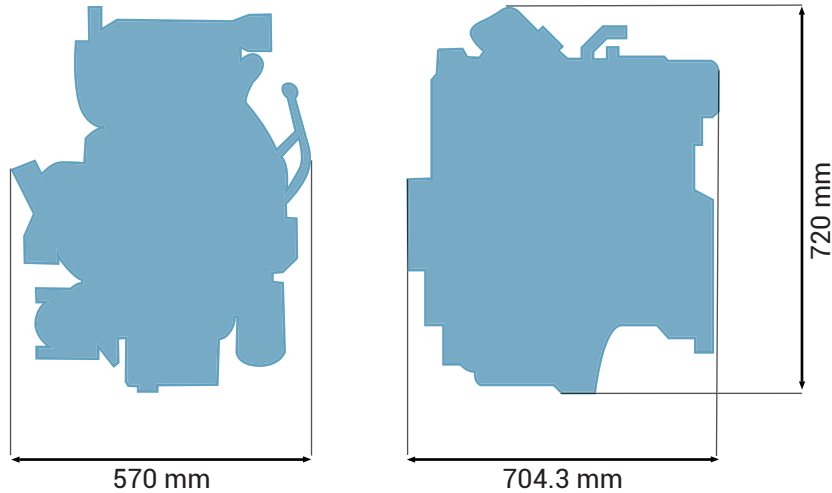
## WEIGHT AND DIMENSION

Dimension [LxWxH]

704.3 x 720 x 570 mm

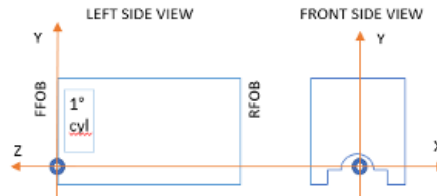
Dry Weight

267 kg

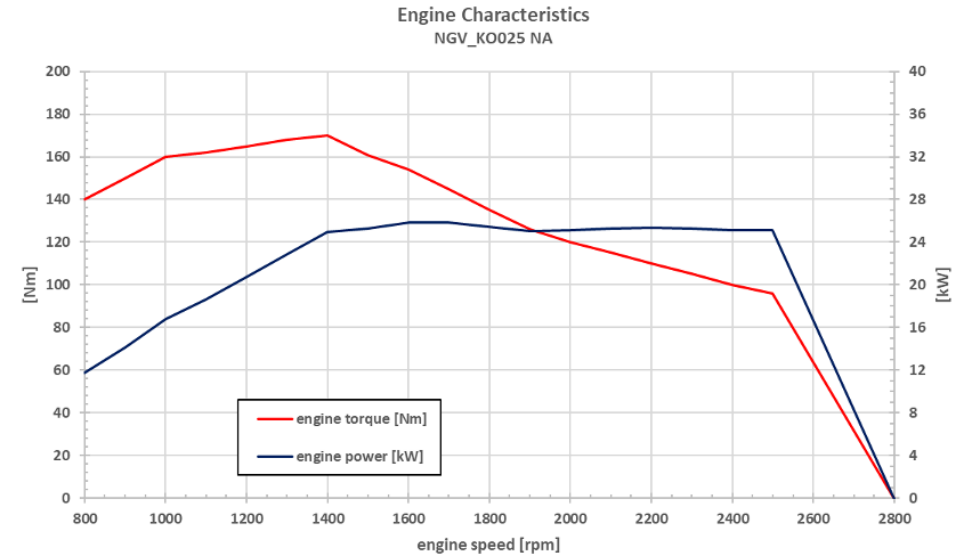


Center of gravity (FFOB or RFOB according to picture, standard engine layout)

x mm	5
y mm	125
z mm	308



## POWER & TORQUE



## NOT INCLUDED IN STANDARD CONFIGURATION

Power Take Off (PTO)

PTO - Transmission Ratio 1 : 1

PTO - Maximum Available 58

Battery - minimum capacity recommended 100 Ah

Battery - minimum cold cranking capacity recommended 120 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)