## ■ FEATURES OF N04C-VQ ENGINE

The N04C-VQ engine has been able to achieve the following.

(1) High Output
(2) Good Fuel Economy
(3) Clean Exhaust Gases
(4) Low Noise and Low Vibration
(5) Weight Reduction

| Features | (1) | (2) | (3) | (4) | (5) |
|---|---|---|---|---|---|
| Cylinder Head Cover Sub-assembly | - | - | - | ○ | - |
| Full Jacket Type Water Jacket | ○ | ○ | ○ | - | - |
| High-precision Timing Gear Train | - | - | - | ○ | - |
| Highly Rigid Push Rod | ○ | - | - | - | - |
| Lightweight and Highly Rigid Piston | - | ○ | - | ○ | ○ |
| Optimal Combustion Chamber Shape | ○ | ○ | ○ | - | - |
| Highly Rigid Crankshaft | ○ | - | - | ○ | - |
| Piston Skirt Coating | - | - | - | ○ | - |
| Venturi Assembly | - | - | - | ○ | - |
| Air-cooled Type Intercooler Assembly | ○ | ○ | ○ | - | - |
| Variable Nozzle Vane Type Turbocharger Sub-assembly | ○ | ○ | ○ | - | - |
| Common-rail System | ○ | ○ | ○ | ○ | ○ |
| Diesel Oxidation Catalytic Converter | - | - | ○ | - | - |
| Multiple-orifice, Small-diameter Injector Assembly | ○ | ○ | ○ | ○ | - |
| Water-cooled Type EGR Cooler Sub-assembly | - | ○ | ○ | - | - |
| Closed Breather Type Blowby Gas Recirculation System | - | - | ○ | - | - |

○: Applicable
-: Not Applicable