

■ FEATURES OF 3MZ-FE ENGINE

The 3MZ-FE engine has been able to achieve the following through the use of the items listed below.

- (1) High performance and fuel economy
- (2) Low noise and vibration
- (3) Lightweight and compact design
- (4) Good serviceability
- (5) Clean emission

Item	(1)	(2)	(3)	(4)	(5)
The VVT-i system is used.	○				○
The ETCS-i is used.	○				
A cylinder block made of aluminum alloy is used.			○		
The intake air chamber made of plastics is used.			○		
Independent type DIS(Direct Ignition System) is used.	○			○	○
The fuel returnless system is used.			○	○	○
Quick connectors are used to connect the fuel hose with the fuel pipes.				○	
12-hole type fuel injectors with high atomizing performance is used.	○				○
Iridium-tipped spark plugs is used	○			○	
A 2-way exhaust control system is used.	○	○			
An absorber engine mount is used.		○			
A radiator integrated with a condenser, inverter radiator is used.			○		
The use of an air fuel ratio sensor allows precise control.					○