### Features of AKASAKA 4-STROKE ENGINE

**Hood**
- Hood

**Anti Polishing Ring**
- Anti Polishing Ring

**Bore cooling system**
- Bore cooling system

**Precast tube**
- Precast tube

**Pistons Connecting Rods**
- Pistons Connecting Rods

**Forged steel piston crown**
- Forged steel piston crown

**Horizontally three-way divided rod structure**
- Horizontally three-way divided rod structure

**Crankshaft**
- Crankshaft

**Thick pin journal diameter**
- Thick pin journal diameter

**Tie Rod**
- Tie Rod

**Extra rigid structure**
- Extra rigid structure

**Engine Block**
- Low vibration, Low noise structure.

**Wide-open crankcase doors.**
- Wide-open crankcase doors.

**Cam and Cam Shaft**
- Thick cam shaft diameter

**Best cam profile**
- Best cam profile

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**Hydraulic valve driving system**
- Hydraulic valve driving system

**Droplet proof**
- Droplet proof

**Extra-low noise**
- Extra-low noise

**Oil Cushion Push Rod**
- Oil Cushion Push Rod

**Extra-low noise**
- Extra-low noise

**Intake valve and Exhaust valve**
- Intake valve and Exhaust valve

**Cage type valve**
- Cage type valve

**Conical valve seat**
- Conical valve seat

**Equipped with valve rotor**
- Equipped with valve rotor

**Cage type air intake valve, exhaust valve and starting air valve**
- Cage type air intake valve, exhaust valve and starting air valve

**High-pressure fuel injection pump**
- High-pressure fuel injection pump

**Water cooling type fuel oil injection valve**
- Water cooling type fuel oil injection valve

**Optimized consumption of cylinder oil**
- Optimized consumption of cylinder oil

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**Extra rigid structure around main bearing**
- Extra rigid structure around main bearing

**Easy maintenance of main bearing**
- Easy maintenance of main bearing