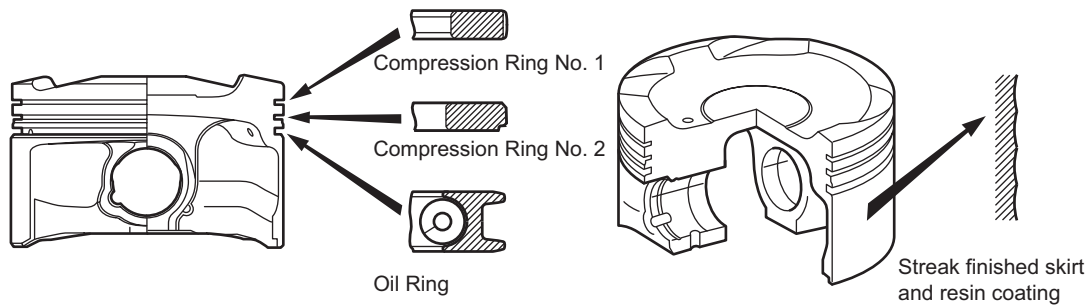


Piston

- The pistons have been made lightweight with a short compression height and a short skirt. The piston skirt has a streak finish and a plastic coating that excel in seizure resistance, in order to reduce noise and friction.
- A compact combustion chamber is provided on top of the piston to realize stable combustion. Together with the pentroof type combustion chamber on the cylinder head, this realizes a high compression ratio, resulting in both high performance and fuel economy.
- Each piston ring is made thinner and with low tension to reduce friction.

EG



A4270211P

Piston

Basic Diameter	[mm (in.)]	87.465 (3.444)
Pin Hole Offset	[mm (in.)]	0.5 (0.020)
Compression Height	[mm (in.)]	31.05 (1.222)

Piston Pin

Outer Diameter	[mm (in.)]	22.0 (0.87)
Inner Diameter	[mm (in.)]	12.7 (0.5)
Length	[mm (in.)]	56.0 (2.2)

Piston Ring

	Compression Ring No. 1	Compression Ring No. 2	Oil Ring
Material	Stainless Steel	Steel	Steel
Shape	Barrel Face	Tapered Face + Undercut	Combination
Width [mm (in.)]	1.2 (0.047)	1.2 (0.047)	2.0 (0.079)
Thickness[mm (in.)]	2.7 (0.106)	2.7(0.106)	2.75 (0.108)
Surface Treatment	PVD (Physical Vapor Deposition) (Periphery)	Anti-Corrosion	Gas Nitriding