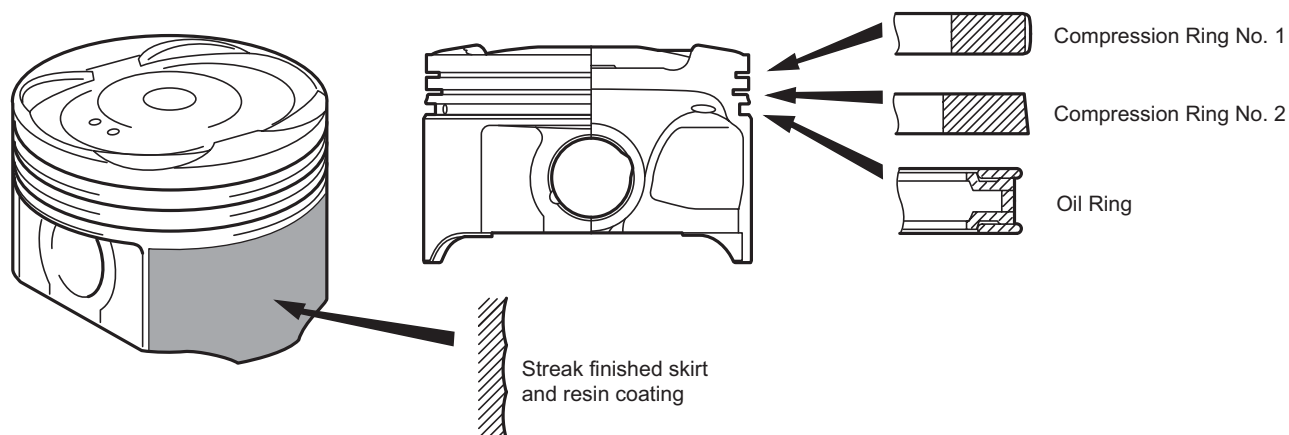


Piston

- The piston head portion has adopted a taper squish shape to improve the fuel combustion efficiency.
- The piston skirt has been coated with resin to reduce the friction loss.
- Full floating type piston pins are used.
- The bearing pressure on compression rings No. 1 and No. 2 has been secured to reduce the tension of the oil ring, which realizes fuel economy.



A4270137P

Piston

Basic Diameter	[mm (in.)]	91.0 (3.583)
Piston Pin Offset	[mm (in.)]	1.0 (0.039)
Height	[mm (in.)]	60.5 (2.382)
Compression Height	[mm (in.)]	34.0 (1.339)

Piston Pin

Diameter	[mm (in.)]	22.0 (0.866)
Inner Diameter	[mm (in.)]	13.5 (0.531)
Length	[mm (in.)]	62.0 (2.441)

Piston Ring

	Compression Ring No. 1	Compression Ring No. 2	Oil Ring
Material	Stainless Steel	Cast Iron	Stainless Steel
Shape	Barrel Face	Tapered Face + Undercut	Combination
Width [mm (in.)]	1.2 (0.047)	1.2 (0.047)	3.0 (0.118)
Thickness [mm (in.)]	2.9 (0.114)	3.6 (0.142)	2.55 (0.1)
Surface Treatment	Gas nitriding	Zinc phosphate film	Side rail: zinc phosphate film Periphery: buff finish