

# Accralite Piston Specifications

<u>Part Number:</u>	<b>1301xc87</b>
<u>Bore Size:</u>	<b>87.0mm</b>
<u>Compression height:</u>	<b>41.9mm</b>
<u>Ring Part Number:</u>	<b>RS087000-XC-OM</b>
<u>Ring Sizes:</u>	<b>1.0/1.2/2.8mm</b>
<u>Pin Part Number:</u>	<b>AGP5096</b>
<u>Pin Diameter:</u>	<b>3/4 "</b>

## **Ring End Gap Clearances:**

Top Ring: 0.010"-0.016" (0.25-0.40mm)

2<sup>nd</sup> Ring: 0.012"-0.018" (0.30-0.45mm)

Oil Ring: 0.008"-0.016" (0.20-0.40mm)

## **Ring Fitting Instructions:**

### **Top Ring:**

Some rings have an internal bevel edge, this goes upwards.

### **2<sup>nd</sup> Ring:**

These have a scraper edge, this scraped edge points downwards

### **Spring Assisted Oil Ring:**

When assembled, the spring is fitted to the piston first then the ring over the top. If the ring has a bevelled edge, this points downwards.

## **Piston Clearance**

The bore size required for  
1301xc87 is:  
87.0mm to 87.01mm.

Measured at 20°C.

This will give you a piston  
to bore clearance of  
0.135mm to 0.145mm

(0.0053" to 0.0057")



To calculate the final  
cylinder bore size measure  
90° to the gudgeon pin,  
15mm from the base of the  
piston skirt as indicated on  
the piston and add the  
recommended bore  
clearance. A 'plateau'  
hones finish of 25-30  
microinch (CLA) would  
ensure best piston and ring  
running clearance.