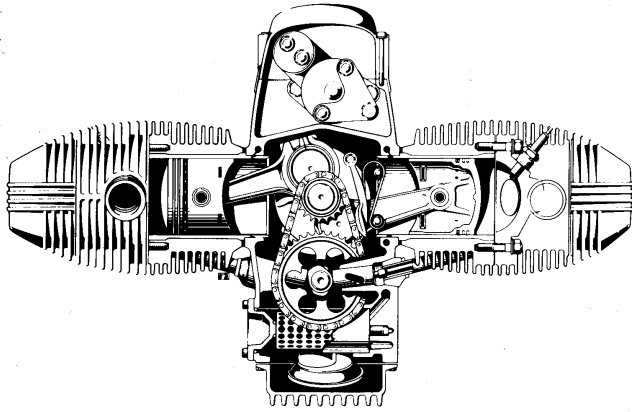


Exercise 1.19:



Engine for a motorcycle (slider crank mechanism)	
<p>Create the slider crank mechanism with the given data by using SAM.</p> <p>Given: $n_2 = 4800 \text{ rpm or min}^{-1}$</p> <p>Unknown: v_B - Graph a_B - Graph $a_{B \text{ max}}$</p>	<p>A_o (0/0) Radius (crank): $A_oA = 30 \text{ mm}$ Connecting rod: $AB = 90 \text{ mm}$</p> <p>(Compared to exercises 1.8).</p>